

WEITRONIC PRODUCTS

WEITRONIC ENTERPRISE CO., LTD.

Interconnect Products Edition A1 2013



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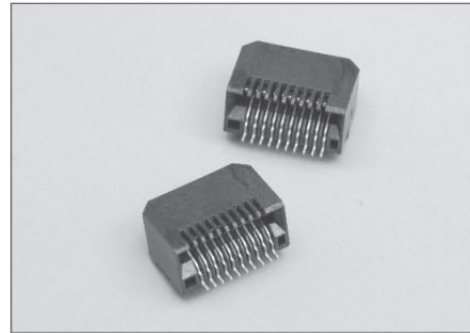
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860

SFP Connector Pitch 0.8mm SMT Type

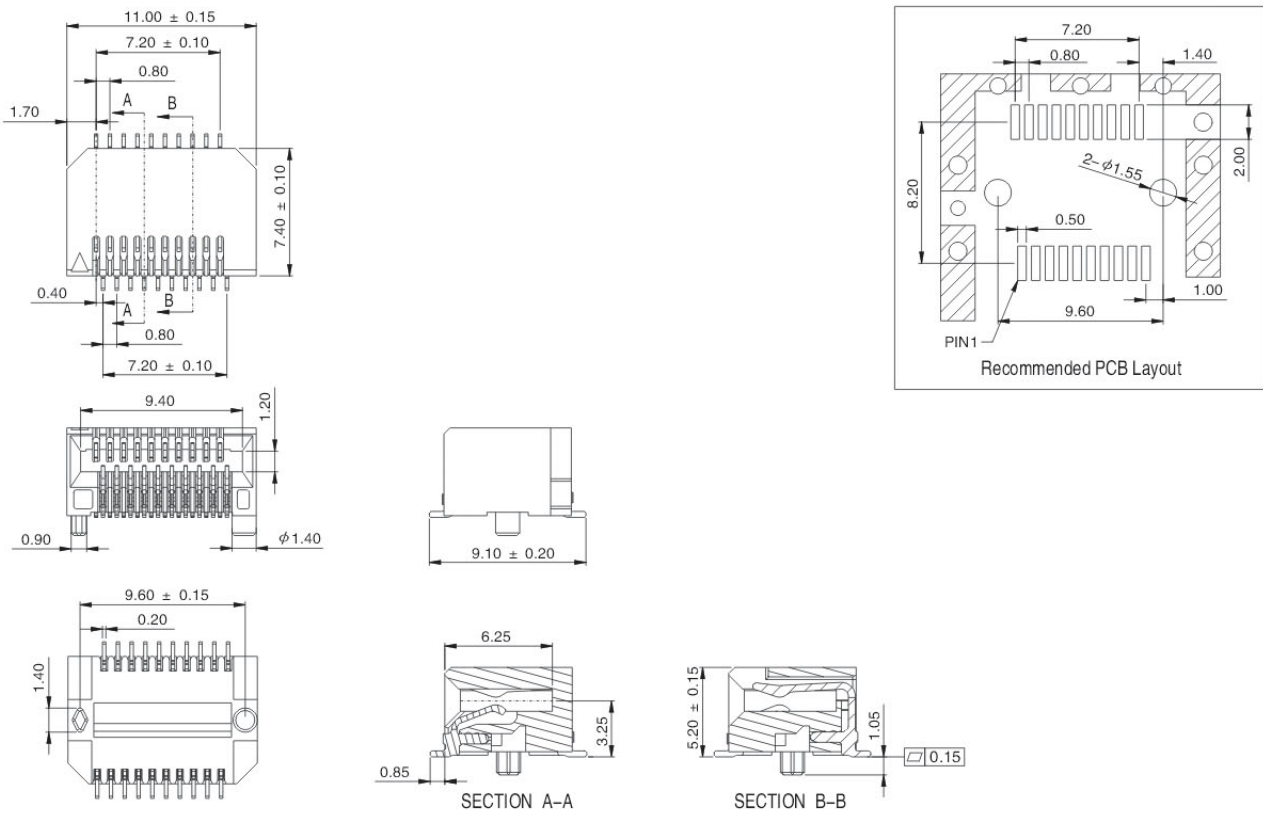
Technical data :

Insulator body:	LCP+30%G.F,UL94V-0 color:Black
Contact:	Stamped and formed,Phosphor Bronze
plating:	Sn or Au plated over Nickel
Durability:	100 Cycles Min.
Contact resistance:	20 milliohms Max
Withstanding Voltage:	265V AC/Minute
Operating Temperature:	-55 °C ~+125 °C
Max.processing Temp:	230 °C for 60 seconds. 260 °C for 20 seconds.
Mate with:	1.0mm thickness card



RoHS Compliant

Standard TYPE



How to order



Nr. of Contact	Code
20	20
N=10	

card thickness option	Code
1.0mm	1

Profile option	Code
Standard Type(5.2mm)	1

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615

Packing Option	Code
Tube	1
Tape & Reel	2

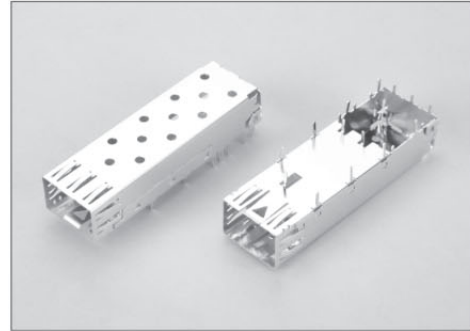
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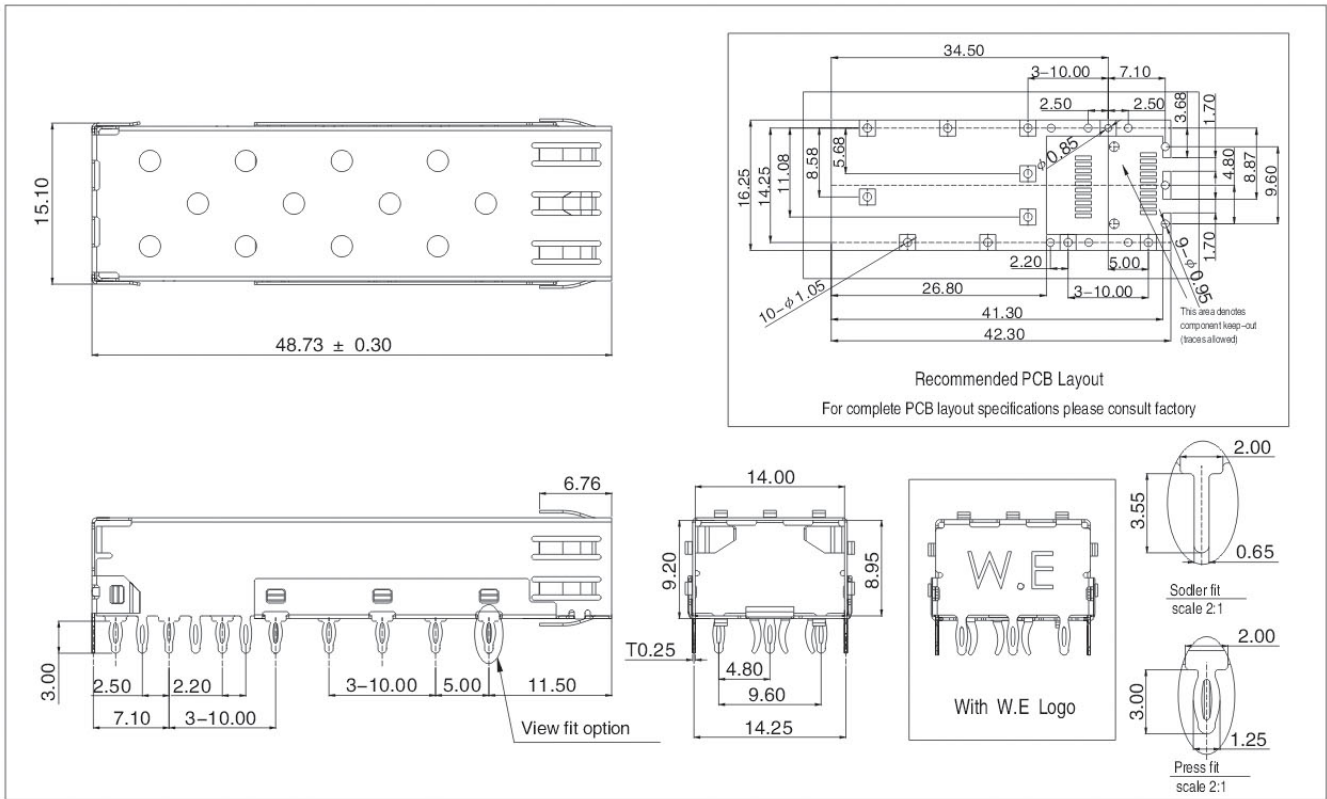
SFP Cages Single Port

Technical Data :

Material: Phosphor Bronze
 Plating: Sn over Nickel
 Use with : Pitch 0.8mm,860 Series



RoHS Compliant



How to order



Cage type option	Code
Single port	1

Plating option	Code
Tin plated	50

Packing option	Code
Tray	3

Fit option	Code
Press fit	1
Solder fit	2

Logo option	Code
Without W.E logo	0
With W.E logo	1

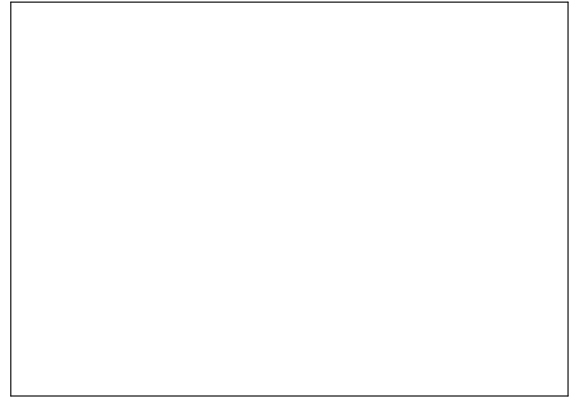
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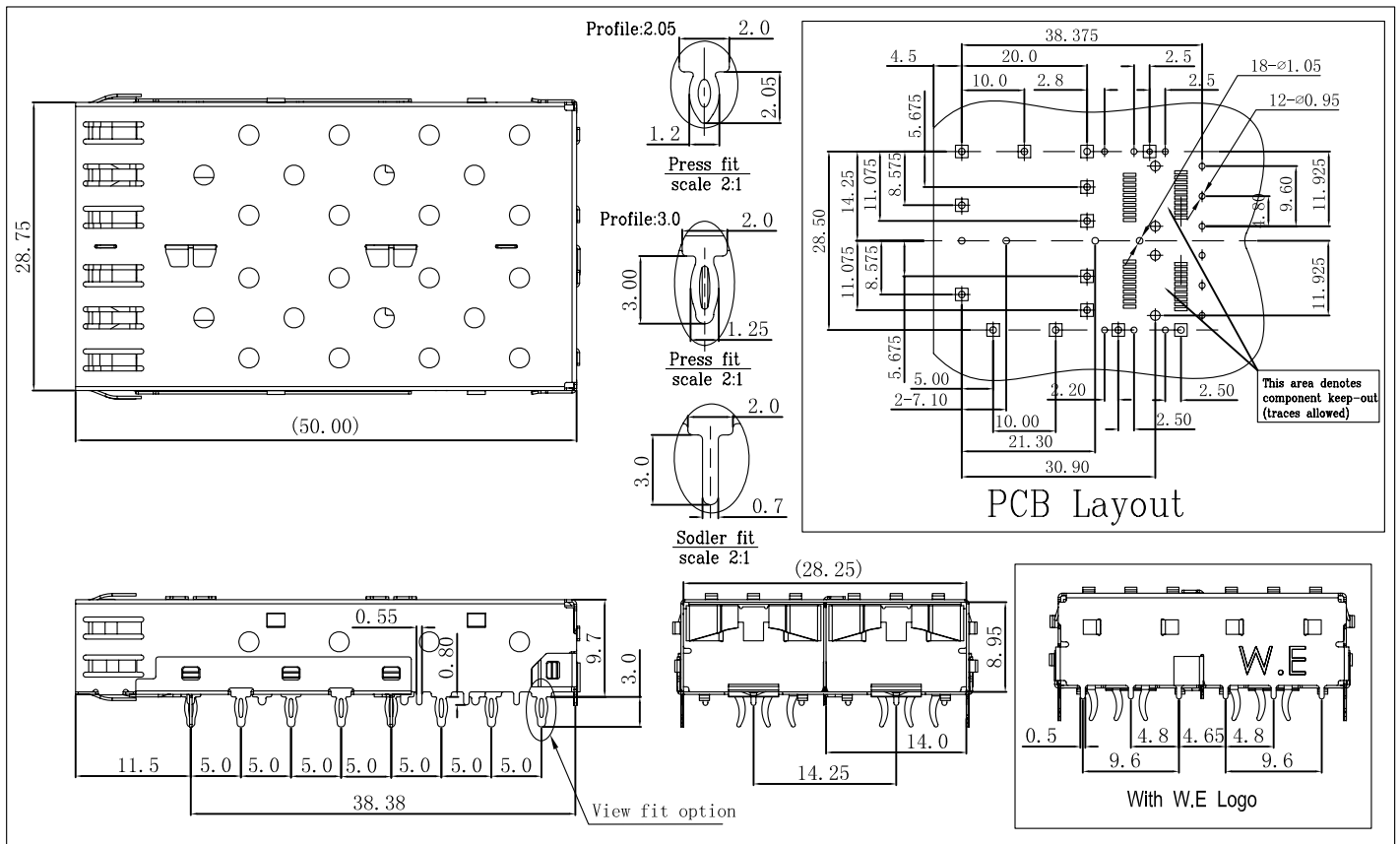
SFP Cages Double Port

Technical Data :

Material: Phosphor Bronze
 Plating: Sn over Nickel
 Use with : Pitch 0.8mm,860 Series



RoHS Compliant



How to order **8 6 0 S** — — — — —

Serie-Nr. Cage type option Fit option Plating option Logo option Packing option

Cage type option	Code
Double port	2

Plating option	Code
Tin plated	50

Packing option	Code
Tray	3

Fit option	Code
Press fit Profile:2.05mm	1
Press fit Profile:3.00mm	1A
Solder fit	2

Logo option	Code
Without W.E logo	0
With W.E logo	1

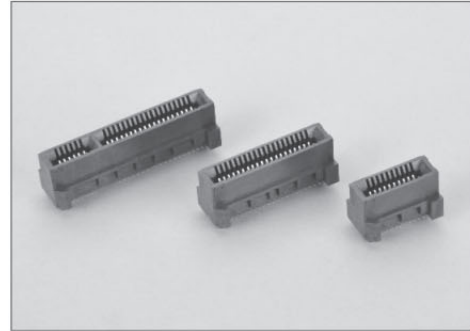


873

High Speed Mini-Edge Card Socket Pitch 0.80mm Straight SMT Type Profile 7.98mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, BeCu
Plating:	Au or Sn over Nickel
Current Rating :	1.9 A @ 30 °C Temperature Rise
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	1.57mm Card



RoHS Compliant

S Type

0.80mm 873 Type	Rated @ -3dB Insertion Loss
7.98mm Stack Height	
Single-Ended Signaling	8G Hz/16Gbps
Differential Pair Signaling	10.5GHz/21Gbps

P Type

No OF POS	Code	'A'	'B'	'C'	'D'	'E'
2X(N=13)	26	6.10	5	4.0	15.0	6.9
2X(N=25)	50	6.10	5	4.0	24.6	16.5
2X(N=37)	74	18.1	20	16.0	34.2	14.1
2X(N=40)	80	18.0	21	16.8	36.6	15.7
2X(N=49)	98	22.9	26	20.8	43.8	18.9
2X(N=50)	100	22.9	26	20.8	44.6	19.7
2X(N=60)	120	26.0	31	24.8	52.6	23.7
2X(N=70)	140	26.0	31	24.8	60.6	31.7
2X(N=80)	160	26.0	31	24.8	68.6	39.7
2X(N=80)	180	26.0	31	24.8	76.6	47.7
2X(N=100)	200	26.0	31	24.8	84.6	55.7

Table 1

L Type

No OF POS	Code	'A'	'B'	'C'	'D'	'E'
2X(N=13)	26	6.10	5	4.0	15.0	6.9
2X(N=25)	50	6.10	5	4.0	24.6	16.5
2X(N=37)	74	18.1	20	16.0	34.2	14.1
2X(N=49)	98	22.9	26	20.8	43.8	18.9

Table 2

How to order

8	7	3									
Serie-Nr.	Nr. of Contact	Connector Type	Card thickness	Plating option	Cap option	Packing option					

Number of contact	Code
2X(N=10)	20
2X(N=20)	40
2X(N=30)	60
See Table 1 and Table 2	XX

Connector Type	Code
Standard (S Type)	10
Positions polarized (P Type)	20
Positions polarized with Latching (L Type)	30

Card thickness option	Code
1.57mm	1

Plating option	Code
Gold plated	10
Selective gold flash plated	60
10U* Selective gold plated	610
30U* Selective gold plated	630

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

W.E.

865

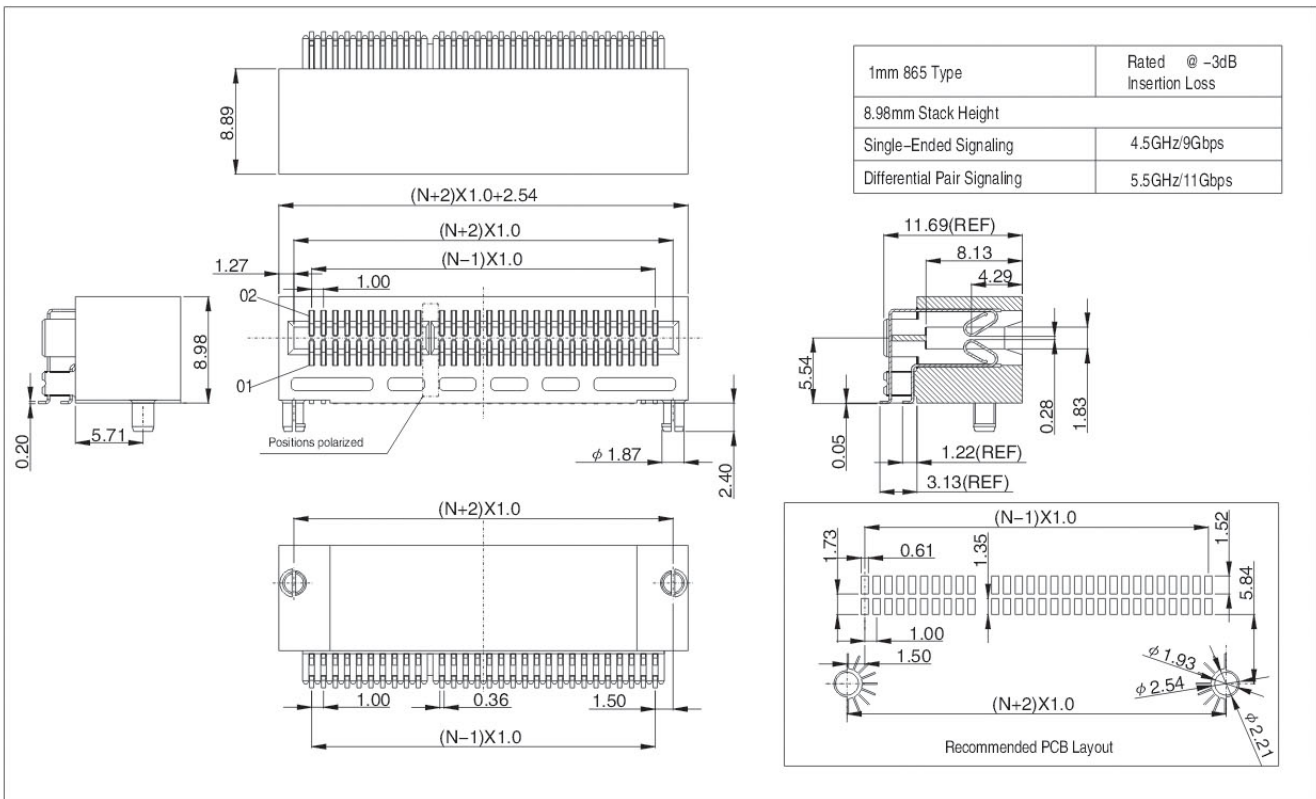
High Speed Mini-Edge Card Socket Pitch 1.00mm Right Angle SMT Type Profile 8.98mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1.5 A @ 80 °C
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	1.57mm Card



RoHS Compliant



How to order

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Serie-Nr. Positions double row Card thickness Plating option Packing option

Positions double row	Positions polarized	Number of Pin	Code
2X(N=30)	21&22	58	60
2X(N=50)	41&42	98	100
2X(N=60)	31&32 , 63&64	116	120
2X(N=70)	53&54 , 115&116	136	140

Plating Option	Code
Gold plated	10
Selective gold flash plated	60
10U" Selective gold plated	610
30U" Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Card thickness option	Code
1.57mm	1

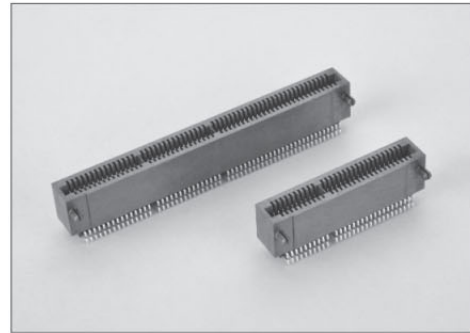
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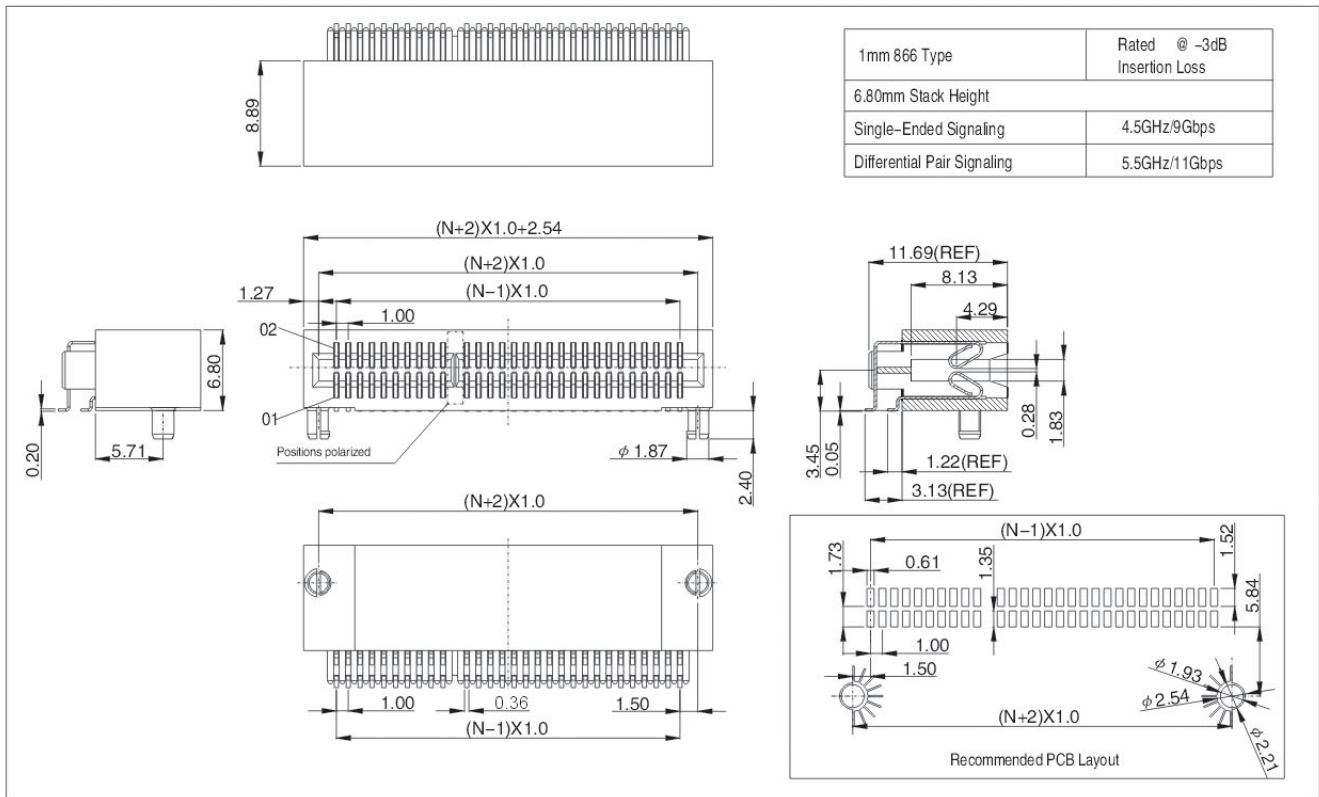
High Speed Mini-Edge Card Socket Pitch 1.00mm Right Angle SMT Type Profile 6.80mm

Technical Data :

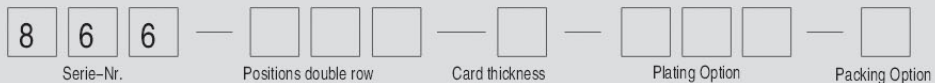
Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1.5 A @ 80 °C
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	1.57mm Card



RoHS Compliant



How to order



Positions double row	Positions polarized	Number of Pin	Code
2X(N=30)	21&22	58	60
2X(N=50)	41&42	98	100
2X(N=60)	31&32, 63&64	116	120
2X(N=70)	53&54, 115&116	136	140

Plating Option	Code
Gold plated	10
Selective gold flash plated	60
10U* Selective gold plated	610
30U* Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Card thickness option	Code
1.57mm	1

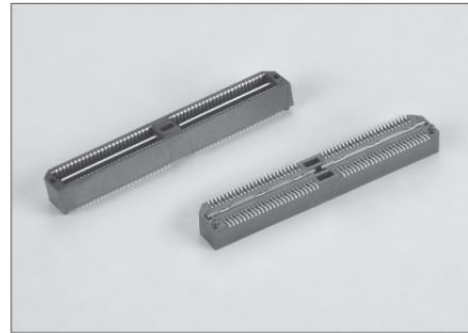
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867

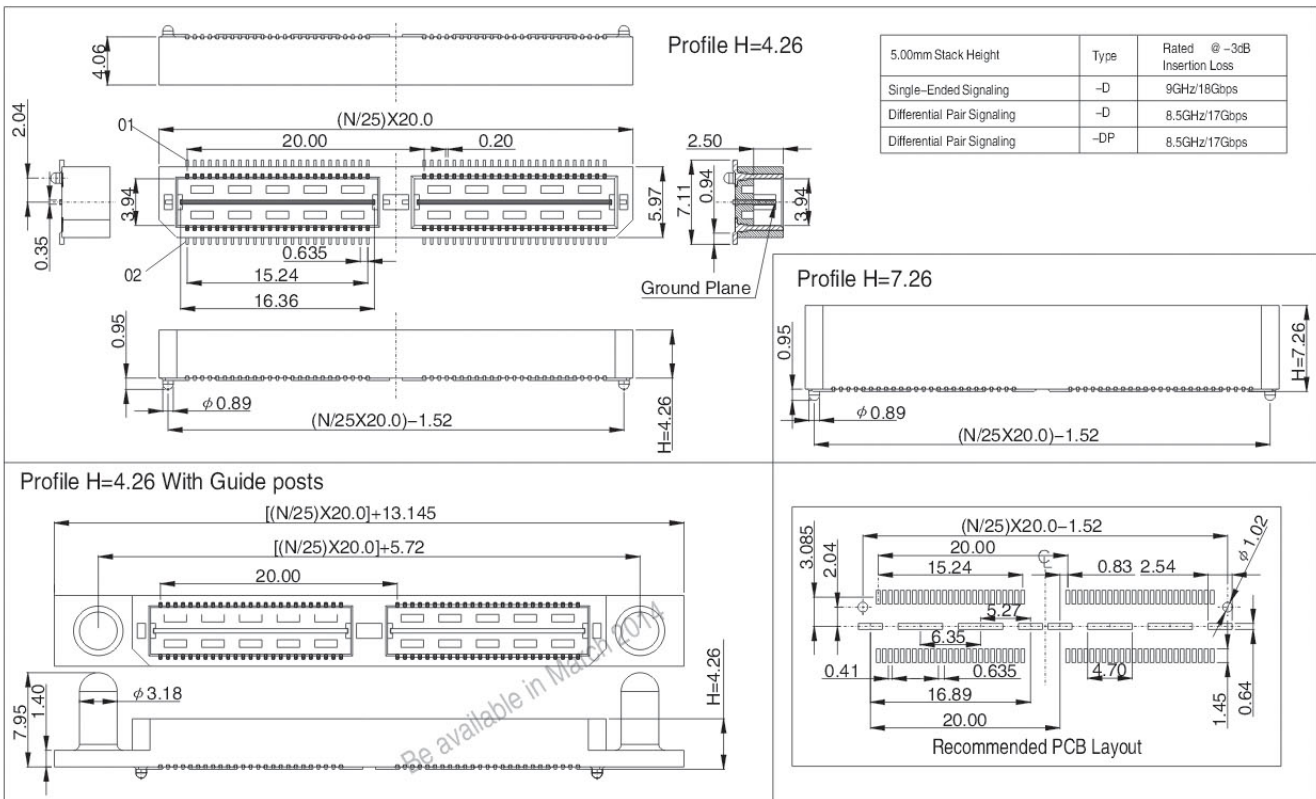
High Speed Double row Male Headers 0.635mm Pitch SMT A Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Contact Rating :	1.1 A @ 30 °C Temperature Rise
Ground Plane Rating :	7.8 A @ 30 °C Temperature Rise
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 0.635mm, 868 Series



RoHS Compliant



How to order

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Serie-Nr. Connector Type Nr. of Contact Plating Cap Option Packing Option

Connector Type	Code
Profile H=4.26	10
Profile H=7.26	11
Profile H=4.26 With Guide posts	20

Number of contact	Code
2X(N=25)	50
2X(N=50)	100
2X(N=75)	150
2X(N=100)	200

Plating option	Code
Gold plated	10
Selective gold flash plated	60
10U* Selective gold plated	610
30U* Selective gold plated	630

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

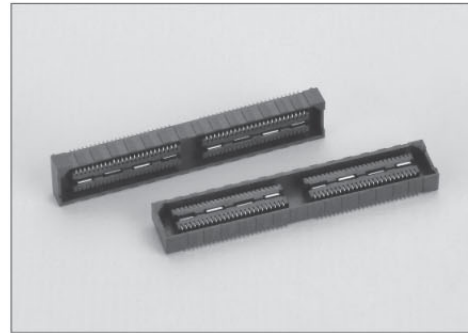
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868

High Speed Double Row Female Headers 0.635mm Pitch SMT A Type

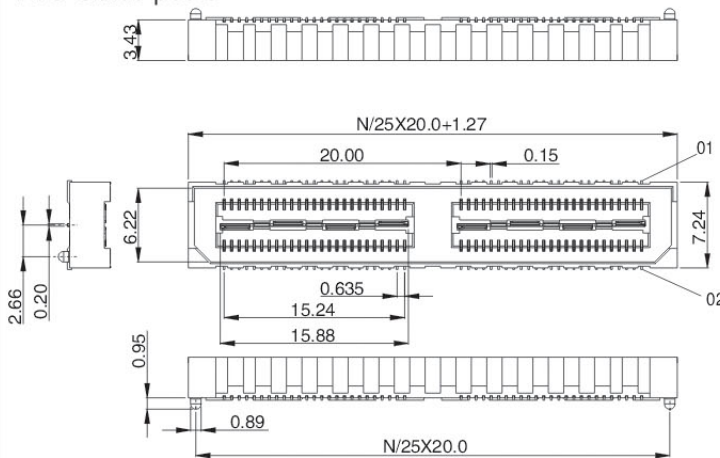
Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Contact Rating :	1.1 A @ 30 °C Temperature Rise
Ground Plane Rating :	7.8 A @ 30 °C Temperature Rise
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 0.635mm, 867 Series

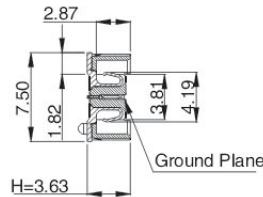


RoHS Compliant

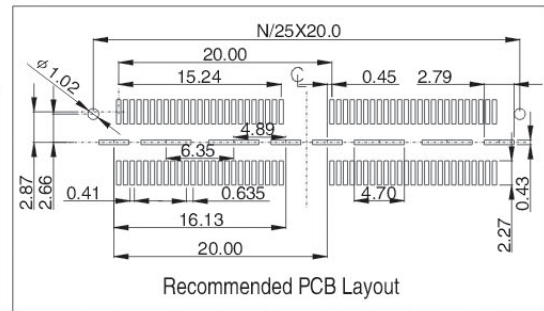
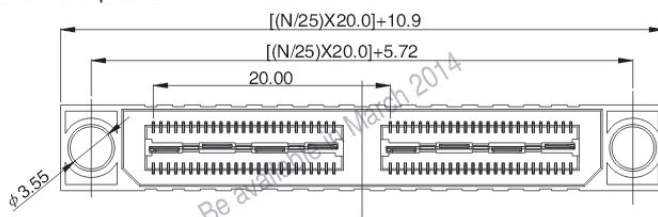
W/O Guide posts



5.00mm Stack Height	Type	Rated @ -3dB Insertion Loss
Single-Ended Signaling	-D	9GHz/18Gbps
Differential Pair Signaling	-D	8.5GHz/17Gbps
Differential Pair Signaling	-DP	8.5GHz/17Gbps



W/ Guide posts



How to order



Connector Type	Code
W/O Guide posts	10
W/ Guide posts	20

Number of contact	Code
2X(N=25)	50
2X(N=50)	100
2X(N=75)	150
2X(N=100)	200

Plating option	Code
Gold plated	10
Selective gold flash plated	60
10U* Selective gold plated	610
30U* Selective gold plated	630

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

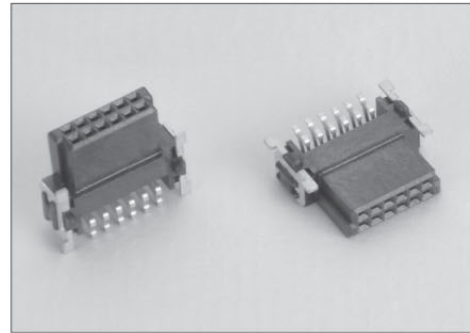
W.E.

912

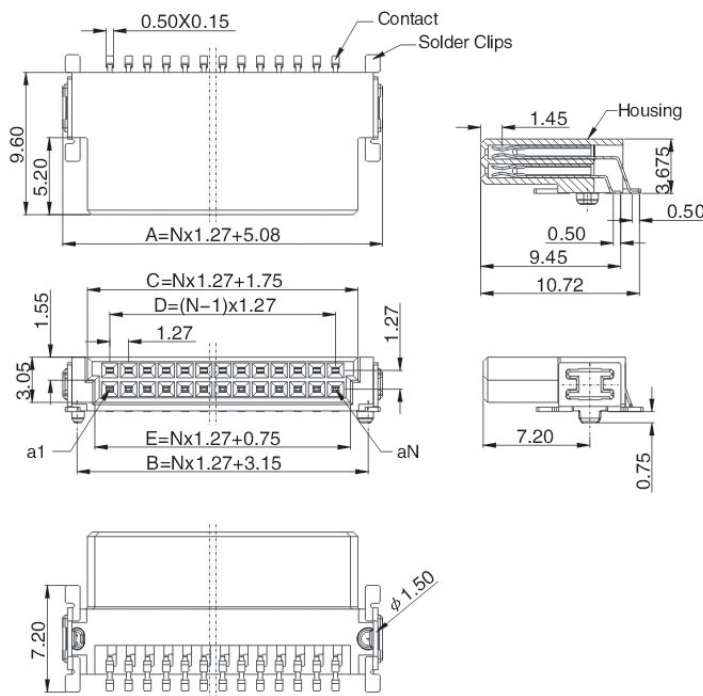
1.27mm Pitch SMC Connectors, Female, Horizontal SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Phosphor Bronze
Clip Material:	stamped and formed, Brass
Contact Plating:	Au or PdNi+Au over Nickel
Clip Plating:	Matt Sn over Nickel
Air- and creepage distance:	0.4mm
Contact resistance :	25 milliohms Max.
Insulator resistance :	10000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	914.915

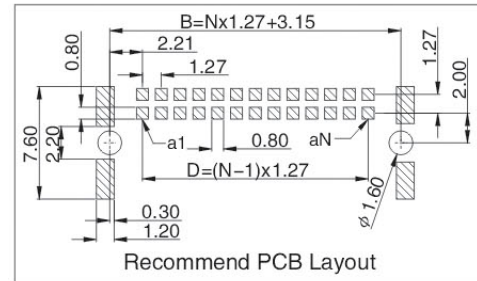


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Current Rating :

No of pos	Ambient Temp		
	20 °C	70 °C	100 °C
12	1.6A	1.1A	0.7A
26	1.3A	0.9A	0.6A
50	1.1A	0.8A	0.5A
68	1.0A	0.8A	0.5A
80	1.0A	0.8A	0.5A



How to order



Nr. of contact	Dimensions(mm)					Code
	A	B	C	D	E	
12	12.70	10.77	9.37	6.35	8.37	12
26	21.59	19.66	18.26	15.24	17.26	26
50	36.83	34.90	33.50	30.48	32.50	50
68	48.26	46.33	44.93	41.91	43.93	68
80	55.88	53.95	52.55	49.53	51.55	80

06-10 Pins and 82-98 Pins, Please contact factory.

Plating option	Code
Full gold flash plated	10
Selective gold flash plated	60
30u" Selective gold plated	630
Selective PdNi 08u"+Au 2u" plated	082
Selective PdNi 28u"+Au 2u" plated	282

Packing option	Code
Tube	1
Tape & Reel	2

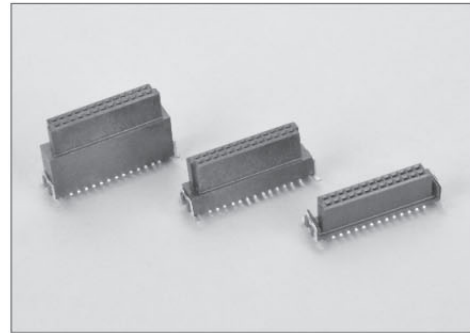
W.E.

913

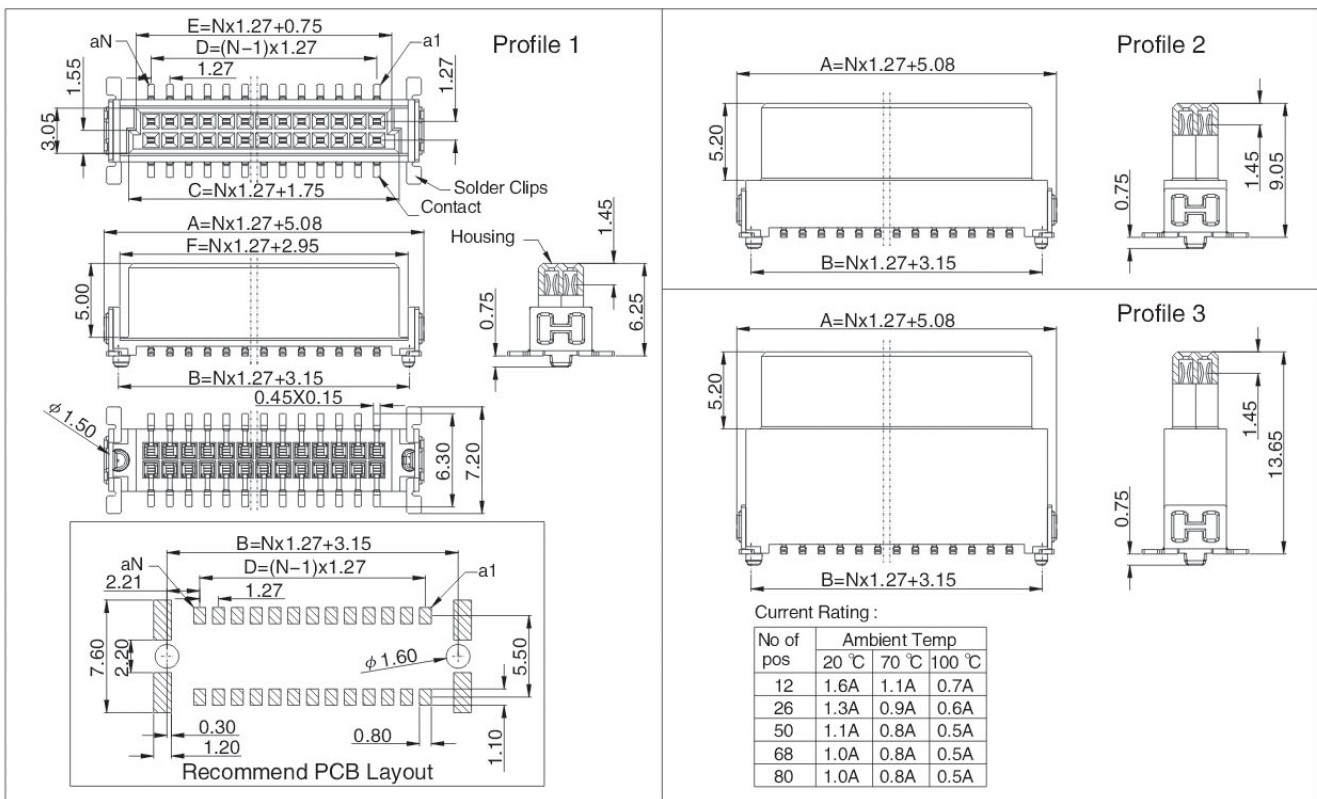
1.27mm Pitch SMC Connectors, Female, Vertical SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Phosphor Bronze
Clip Material:	stamped and formed, Brass
Contact Plating:	Au or PdNi+Au over Nickel
Clip Plating:	Matt Sn over Nickel
Air- and creepage distance:	0.4mm
Contact resistance :	25 milliohms Max.
Insulator resistance :	10000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	914.915



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)					Code
	A	B	C	D	E	
12	12.70	10.77	9.37	6.35	8.37	12
26	21.59	19.66	18.26	15.24	17.26	26
50	36.83	34.90	33.50	30.48	32.50	50
68	48.26	46.33	44.93	41.91	43.93	68
80	55.88	53.95	52.55	49.53	51.55	80

06-10 Pins and 82-98 Pins, Please contact factory.

Plating option	Code
Full gold flash plated	10
Selective gold flash plated	60
30u" Selective gold plated	630
Selective PdNi 08u"+Au 2u" plated	082
Selective PdNi 28u"+Au 2u" plated	282

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Profile	Code
H=6.25mm	1
H=9.05mm	2
H=13.65mm	3

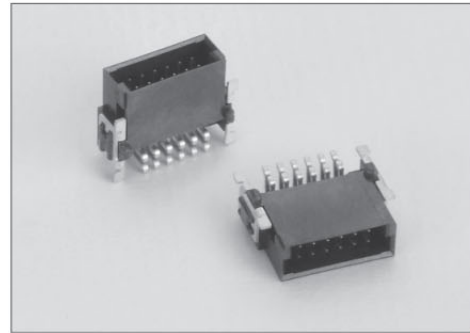
W.E.

914

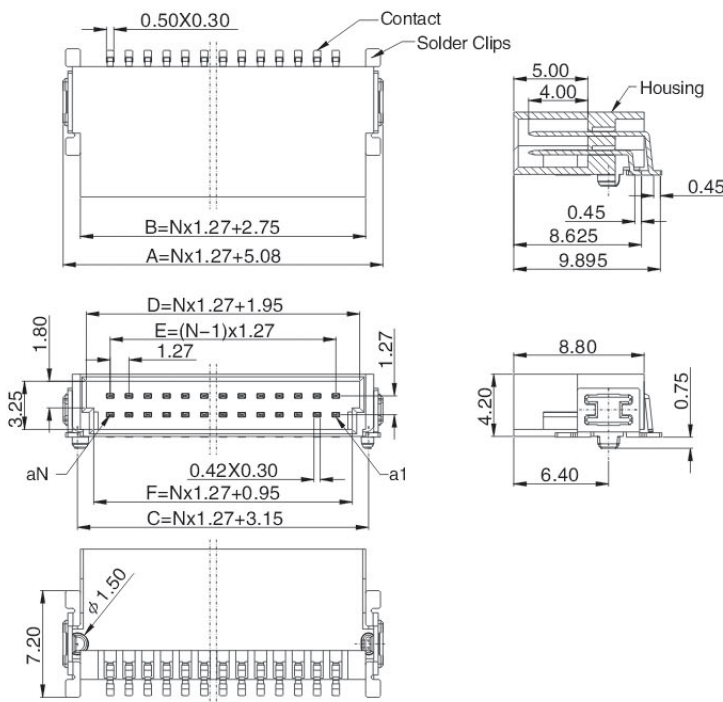
1.27mm Pitch SMC Connectors, Male, Horizontal SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Phosphor Bronze
Clip Material:	stamped and formed, Brass
Contact Plating:	Au or PdNi+Au over Nickel
Clip Plating:	Matt Sn over Nickel
Air- and creepage distance:	0.4mm
Insulator resistance :	10000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	912.913

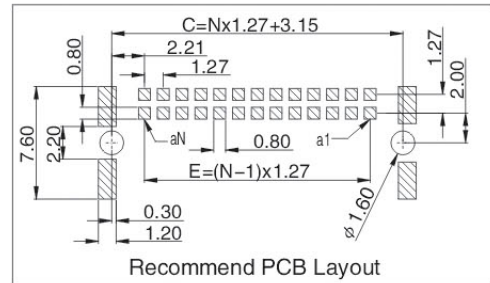


RoHS Compliant



Current Rating :

No of pos	Ambient Temp		
	20 °C	70 °C	100 °C
12	1.6A	1.1A	0.7A
26	1.3A	0.9A	0.6A
50	1.1A	0.8A	0.5A
68	1.0A	0.8A	0.5A
80	1.0A	0.8A	0.5A



How to order



Nr. of contact	Dimensions(mm)					Code
	A	B	C	D	E	
12	12.70	10.77	9.37	6.35	8.37	12
26	21.59	19.66	18.26	15.24	17.26	26
50	36.83	34.90	33.50	30.48	32.50	50
68	48.26	46.33	44.93	41.91	43.93	68
80	55.88	53.95	52.55	49.53	51.55	80

06-10 Pins and 82-98 Pins, Please contact factory.

Plating option	Code
Full gold flash plated	10
Selective gold flash plated	60
30u" Selective gold plated	630
Selective PdNi 08u"+Au 2u" plated	082
Selective PdNi 28u"+Au 2u" plated	282

Packing option	Code
Tube	1
Tape & Reel	2

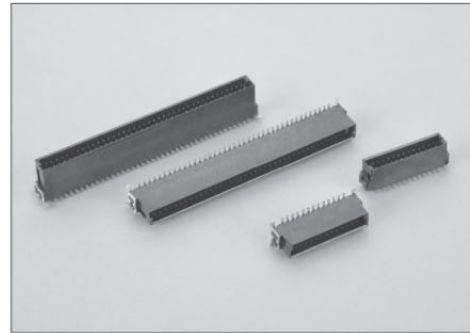
W.E.

915

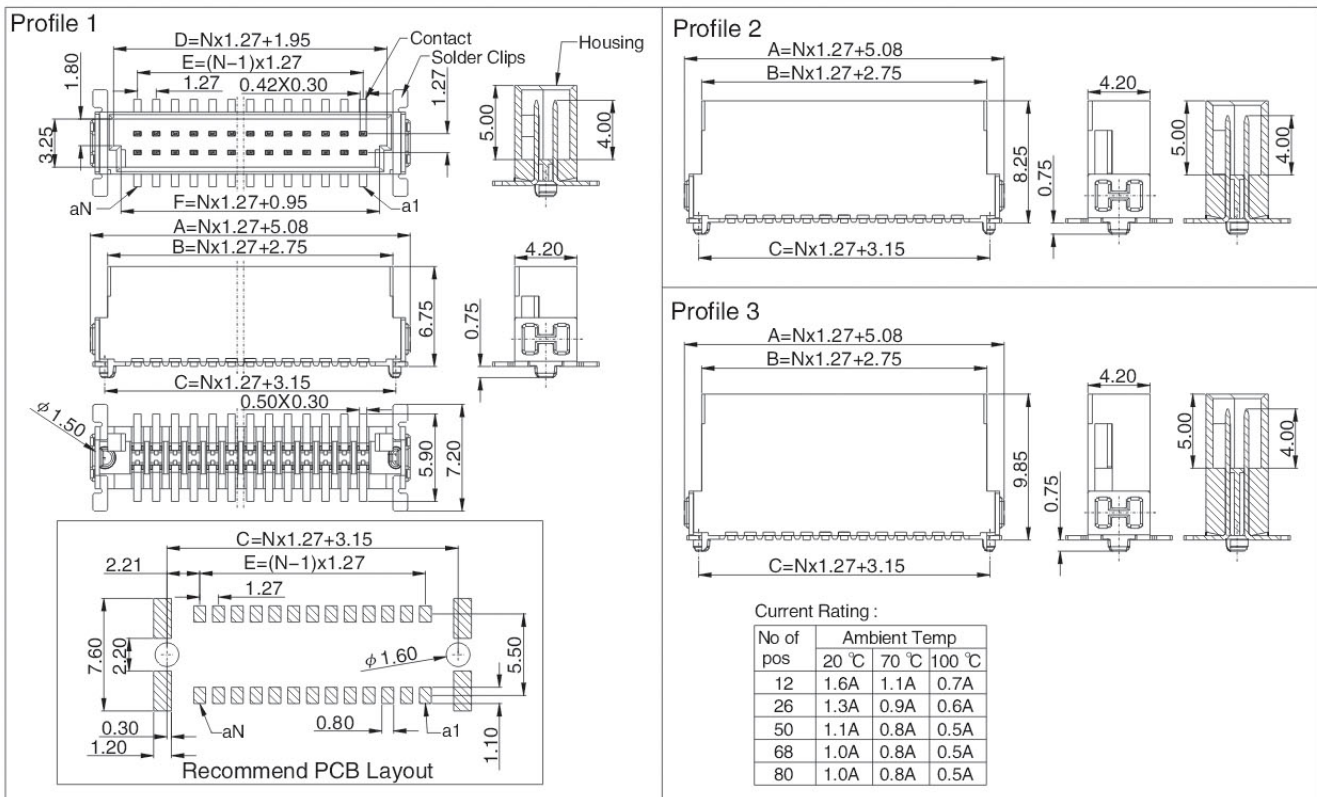
1.27mm Pitch SMC Connectors, Male, Vertical SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Phosphor Bronze
Clip Material:	stamped and formed, Brass
Contact Plating:	Au or PdNi+Au over Nickel
Clip Plating:	Matt Sn over Nickel
Air- and creepage distance:	0.4mm
Insulator resistance :	10000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	912,913



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)					Code
	A	B	C	D	E	
12	12.70	10.77	9.37	6.35	8.37	12
26	21.59	19.66	18.26	15.24	17.26	26
50	36.83	34.90	33.50	30.48	32.50	50
68	48.26	46.33	44.93	41.91	43.93	68
80	55.88	53.95	52.55	49.53	51.55	80

06-10 Pins and 82-98 Pins, Please contact factory.

Plating option	Code
Full gold flash plated	10
Selective gold flash plated	60
30u" Selective gold plated	630
Selective PdNi 08u"+Au 2u" plated	082
Selective PdNi 28u"+Au 2u" plated	282

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Profile	Code
H=6.75mm	1
H=8.25mm	2
H=9.85mm	3

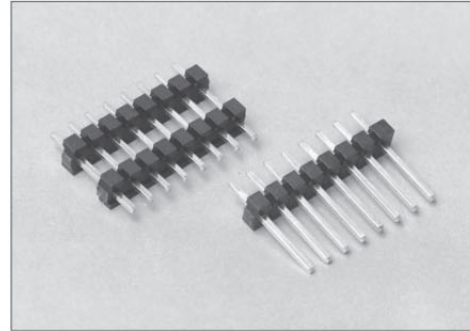
W.E.

532A

Power Headers 3.96mm pitch, Dip Type

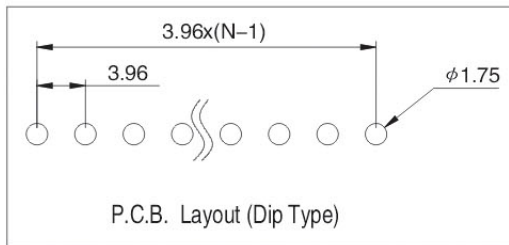
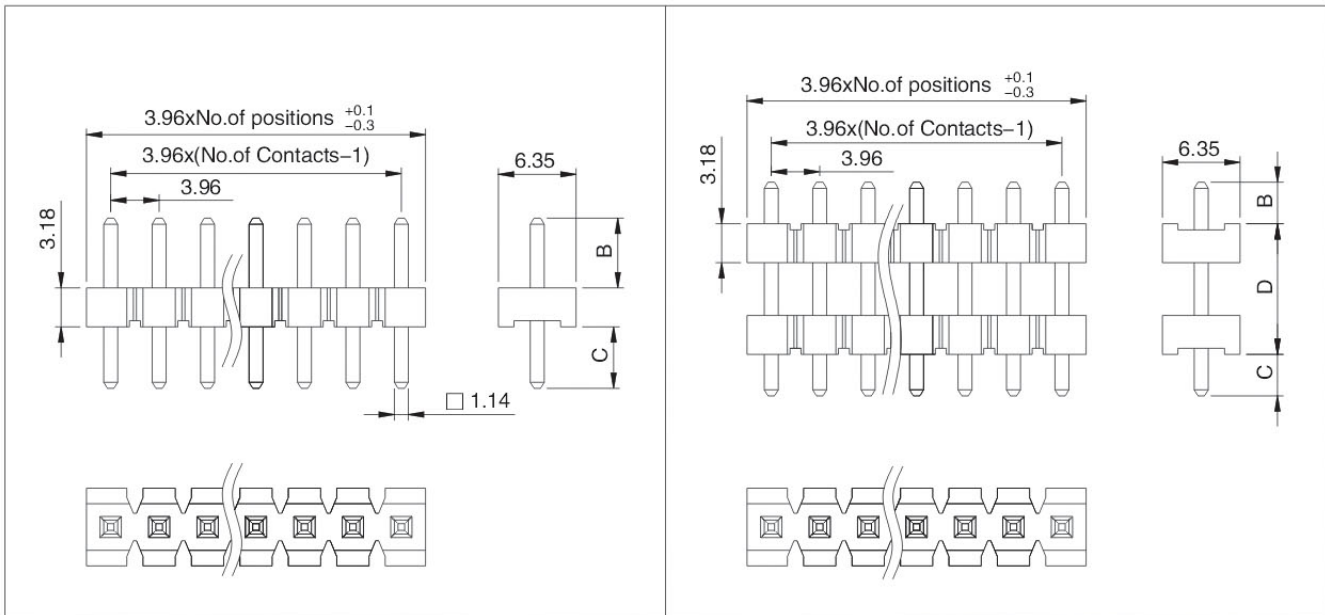
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2 Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.

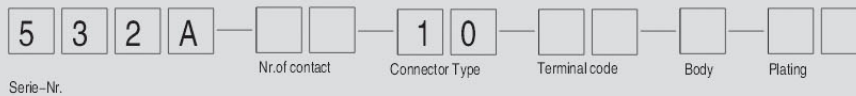


Mates with : Pitch 3.96mm, □ 1.14mm male header

RoHS Compliant



How to order



Nr. of contact	Code	Terminal code	Dimensions(mm)						Body	Code	Plating option	Code
1-Single max.24 poles	02-24		Single Body Type			Dual Body Type						
Connector Type	Code		B	C	B	C	D					
Dip Type	10	10	11.43	4.44	11.43	4.44	8.35					
		20	12.70	4.44	12.70	4.44	8.35					
		xxx	as request			as request						
			For Eg. B=4.6 C=6.0 CODE Nr=4.60/6.0			For Eg. B=4.6 C=6.0 D=3.9 CODE Nr=4.60/6.0/3.9						
									1	Tin plated	50	
									2			

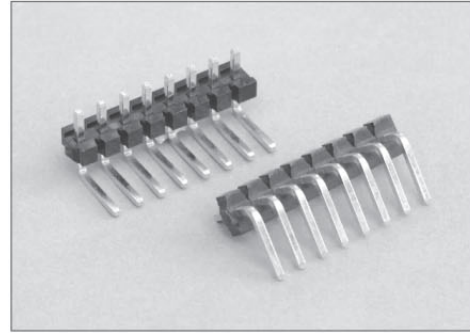
W.E.

532A

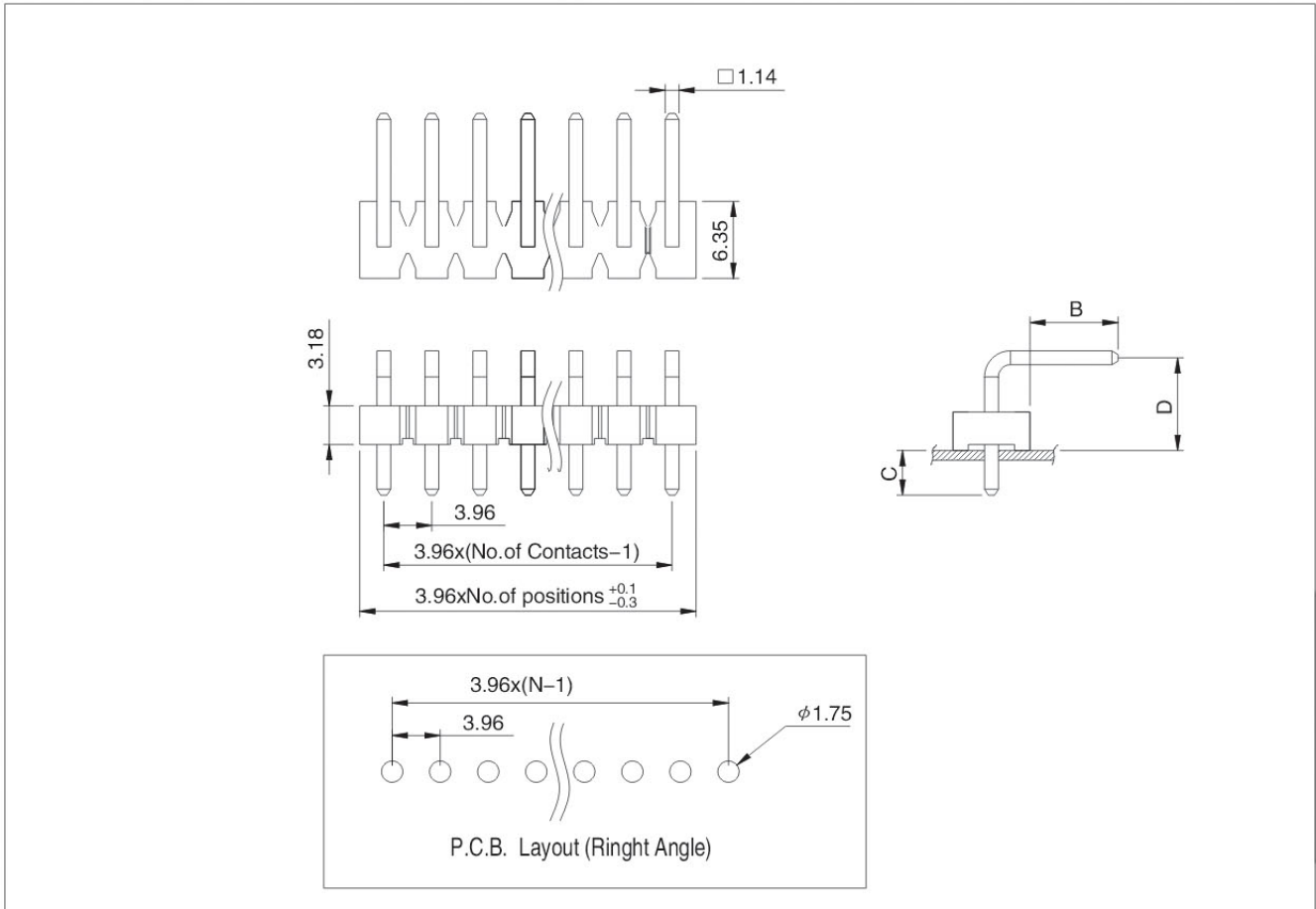
Power Headers 3.96mm pitch, Ringht Angle Type

Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2 Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 3.96mm, □ 1.14mm male header



RoHS Compliant



How to order



Nr. of contact	Code
1-Single max.24 poles	02-24

Connector Type	Code
Ringht Angle type	20

Terminal code	Dimensions(mm)		
	B	C	D
10	11.43	3.81	6.29
20	12.70	3.81	7.56
xxx	as request		
For Eg. B=4.6 C=6.0 D=3.9			
CODE Nr=4.60/6.0/3.9			

Body	Code
Single Body	1
Dual Body	2

Plating option	Code
Tin plated	50

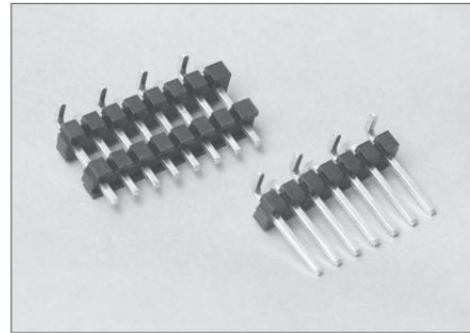
W.E.

532A

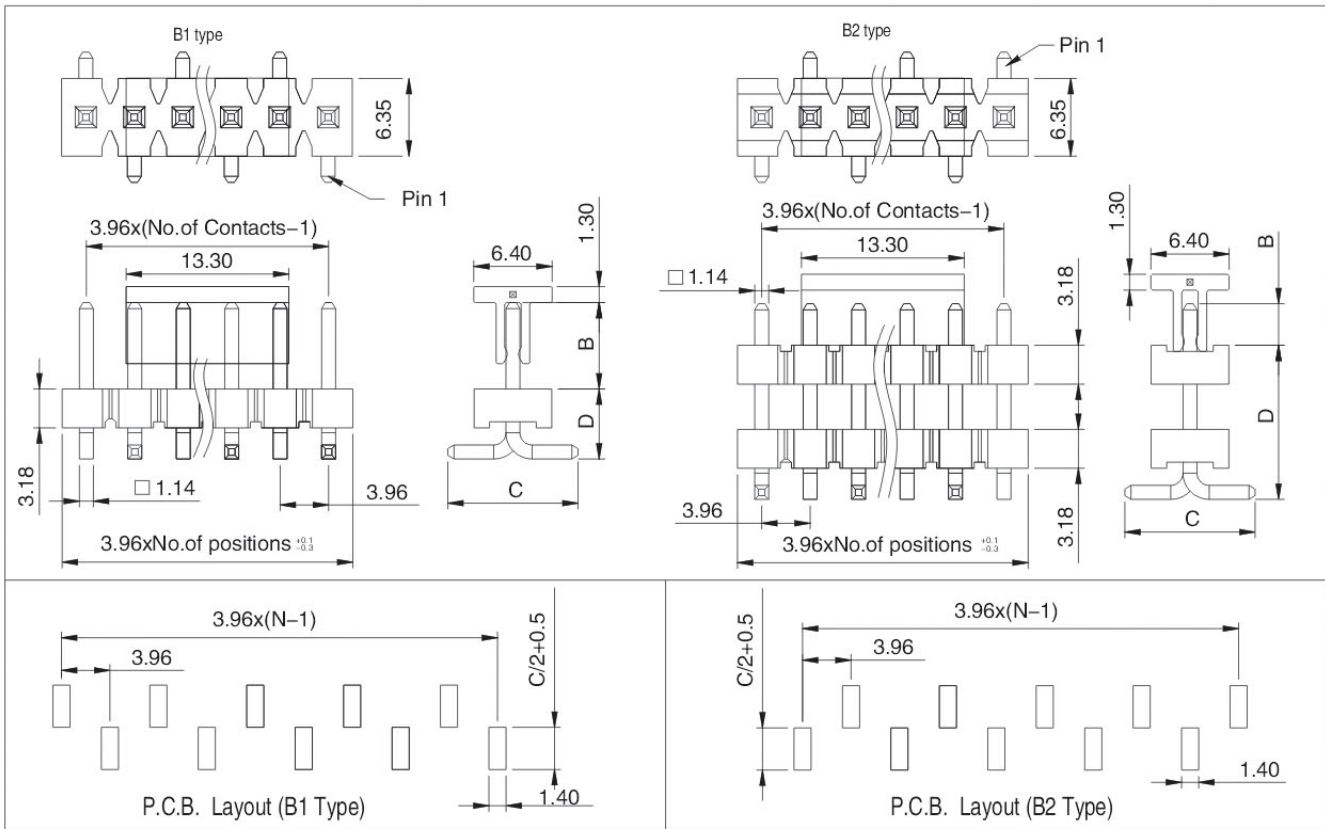
Power Headers 3.96mm pitch, Vertical SMT Type

Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2 Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 3.96mm, □1.14mm male header



RoHS Compliant



How to order



Nr. of contact	Code
1-Single max.24 poles	02-24
Connector Type	Code
SMT type	B1 type 31
	B2 type 32

Terminal code	Dimensions(mm)					
	Single Body Type			Dual Body Type		
	B	C	D	B	C	D
10	3.81	8.39	6.0	3.81	8.39	9.50
20	12.7	8.39	6.0	12.70	8.39	9.50
xxx	as request:			as request:		
	For Eg. B=4.6 C=6.0 D=6.0			For Eg. B=4.6 C=6.0 D=9.5		
	CODE Nr=4.60/6.0			CODE Nr=4.60/6.0/3.9		

Body	Code
Single Body	1
Dual Body	2
Plating option	Code
Tin plated	50

Pick & Place Pad	Code
W/Cap	1
W/O Cap	2
Placking Option	Code
Tube	1
Tape / Reel	2

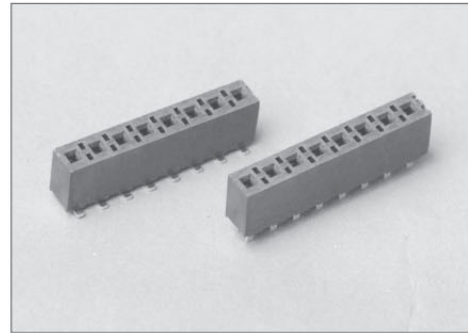
W.E.

532B

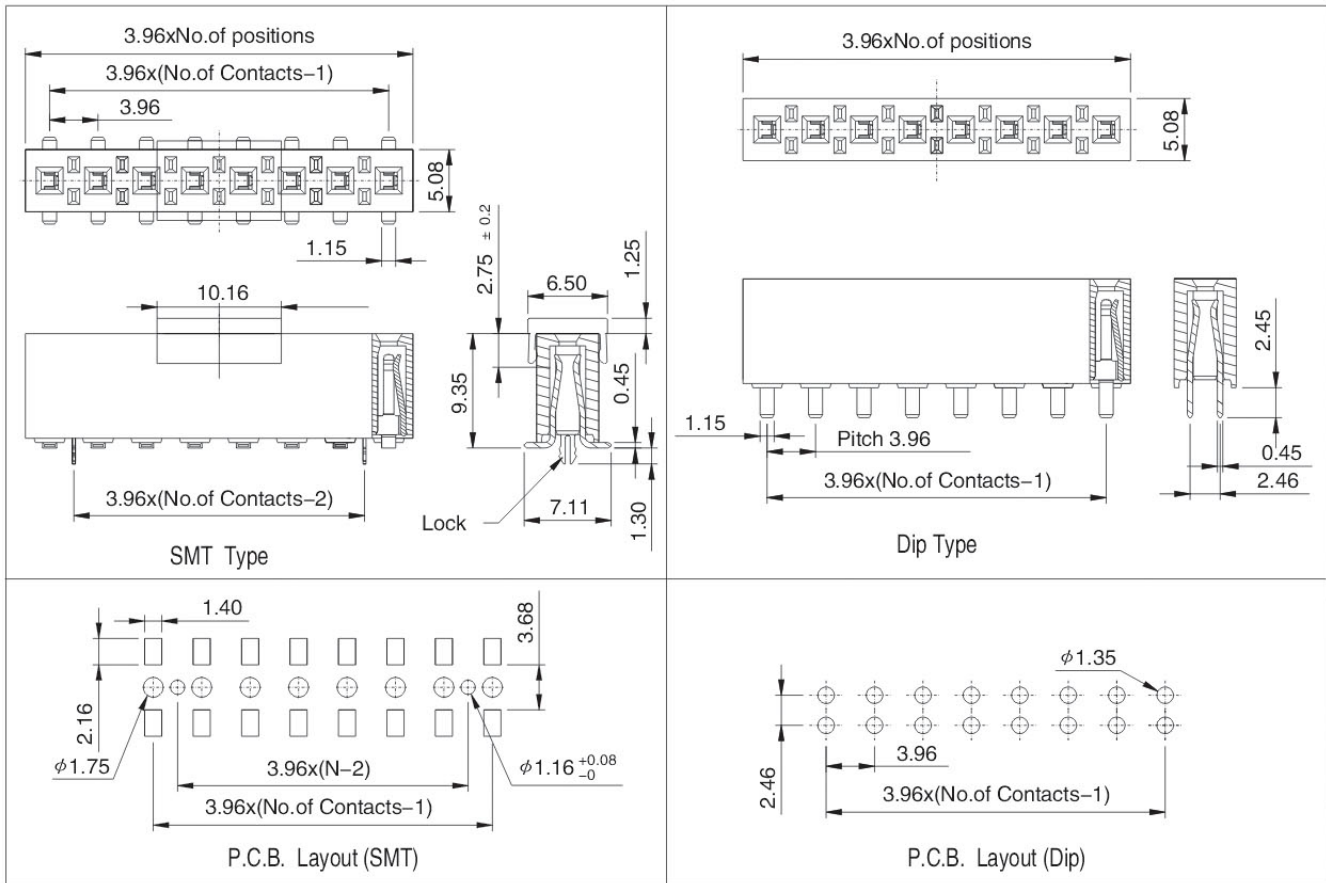
3.96mm pitch Power Female Headers Height 9.35 mm

Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact Material:	copper alloy
Plating:	Tin or Au plated over Nickel, Lead free
Current Rating :	8.2 Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds.
(Only for SMT type)	260 °C for 10 seconds.
Mates with :	Pitch 3.96mm, □ 1.14mm male header



RoHS Compliant



How to order

Serie-Nr. Nr. of contact Connector Type Plating Cap Packing Lock Material

Nr. of contact	Code
1-Single max.24 poles	02-24

Connector Type	Code
Dip Type	10
SMT type	20

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10U* Selective gold plated	610
15U* Selective gold plated	615

Pick & Place Pad	Code
W/Cap	1
W/O Cap	2

Lock option	Code
W/ Lock	10
W/O Lock	00

Placking Option	Code
Tube	1
Tape / Reel	2

Contact Material	Code
Phosphor Bronze	2
BeCu	3

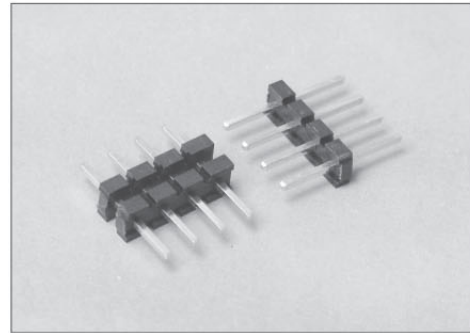
W.E.

538A

Power Headers 5.08mm pitch, Dip Type

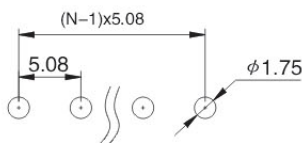
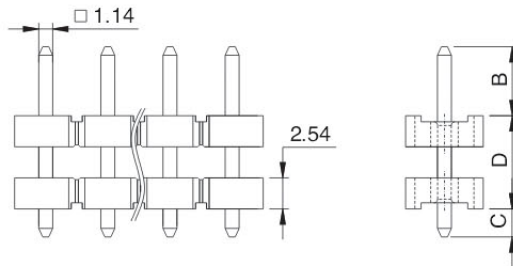
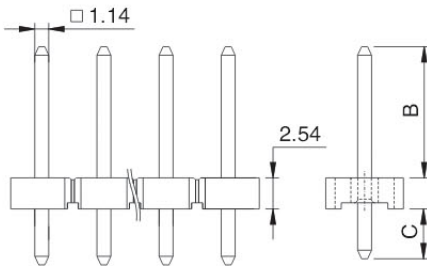
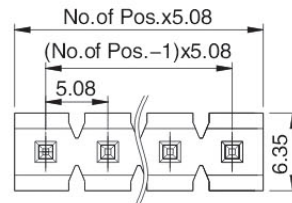
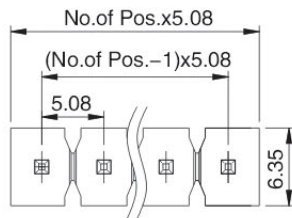
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds.
(Only for SMT type)	260 °C for 10 seconds.
Mates with :	Pitch 5.08mm, 538C;538D

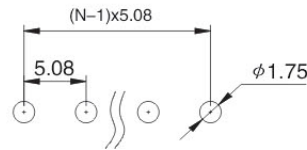


RoHS Compliant

DIP TYPE

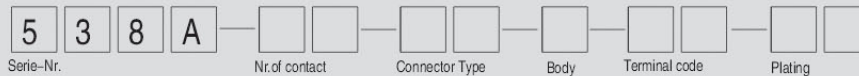


RECOMMENDED PCB LAYOUT



RECOMMENDED PCB LAYOUT

How to order



Nr. of contact	Code
Single Row 01 to 20 poles	01-20

Connector Type	Code
Dip Type	10

Body	Code
Single Body	1
Dual Body	2

Terminal code	Dimensions(mm)				
	Single Body Type		Dual Body Type		
	B	C	B	C	D
10	11.94	4.57	6.86	2.29	7.62
20	13.21	4.57			
xxx	as request		as request		
	For Eg. B=4.6 C=6.0		For Eg. B=4.6 C=6.0 D=3.9		
	CODE Nr=4.60/6.0		CODE Nr=4.60/6.0/3.9		

Plating option	Code
Tin plated	50

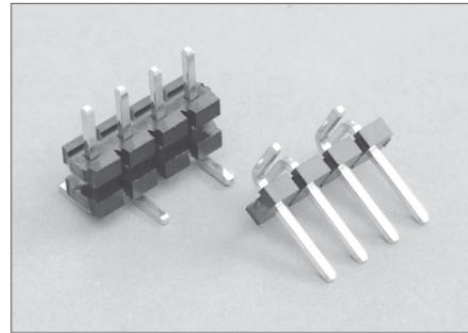
W.E.

538A

Power Headers 5.08mm pitch, Vertical SMT Type

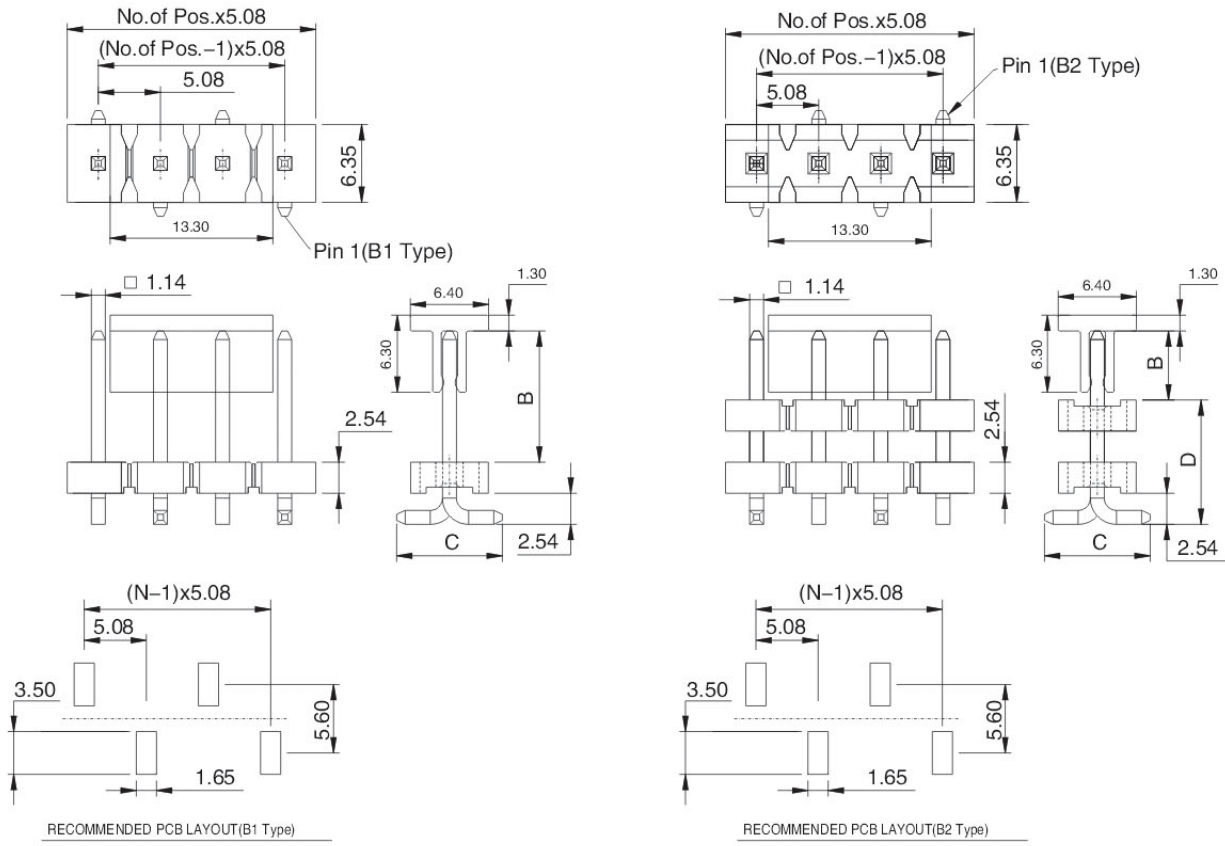
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 5.08mm,538C;538D

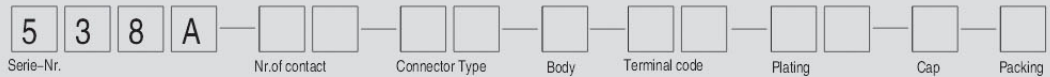


RoHS Compliant

SMT TYPE



How to order



Nr. of contact	Code
Single Row 01 to 20 poles	01-20
Connector Type	Code
SMT type	B1 type 31 B2 type 32
Body	Code
Single Body	1
Dual Body	2

Terminal code	Dimensions(mm)				
	Single Body Type		Dual Body Type		
	B	C	B	C	D
10	10.72	8.64	5.64	8.64	10.16
20	12.24	8.38			
xxx	as request		as request		
	For Eg. B=4.6 C=6.0		For Eg. B=4.6 C=6.0 D=3.9		
	CODE Nr=4.60/6.0		CODE Nr=4.60/6.0/3.9		

Plating option	Code
Tin plated	50

Pick & Place Pad	Code
W/Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape / Reel	2

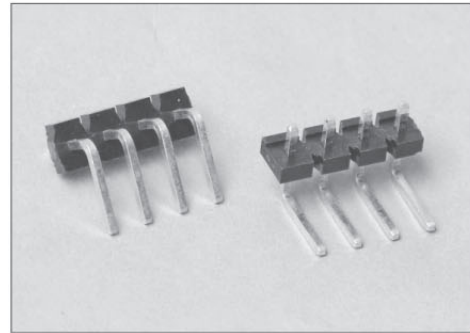
W.E.

538A

Power Headers 5.08mm pitch, Right Angle Type

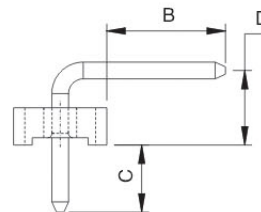
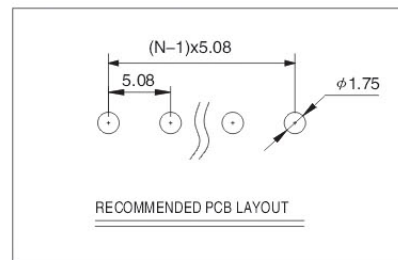
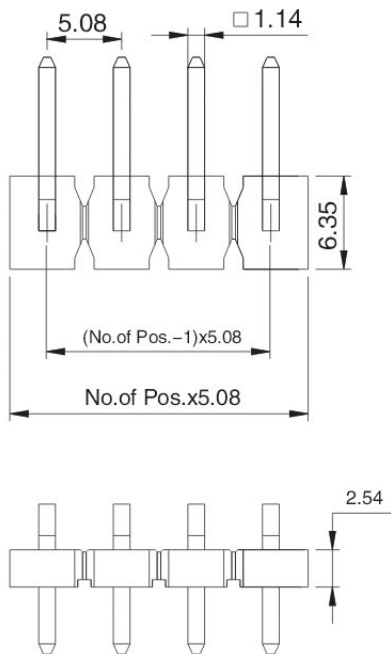
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Tin plated over Nickel, Lead free
Current Rating :	8.2Amp 30 °C Temperature Rise
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 5.08mm,538C;538D

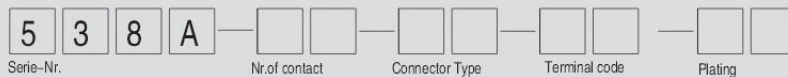


RoHS Compliant

R.A TYPE



How to order



Nr. of contact	Code
Single Row 01 to 20 poles	01-20
Connector Type	Code
Right Angle type	20

Terminal code	Dimensions(mm)		
	B	C	D
10	8.08	4.57	7.62
20	13.82	3.96	7.62
xxx	as request		
For Eg. B=4.6 C=6.0 D=3.9			
CODE Nr=4.60/6.0/3.9			

Plating option	Code
Tin plated	50

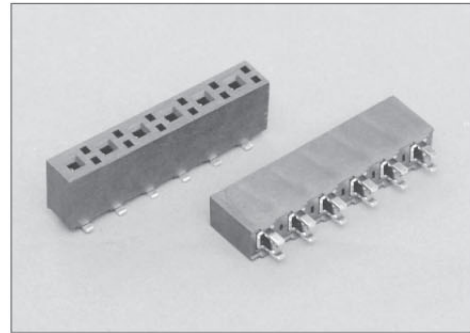
W.E.

538C

5.08PH Power Female Headers DIP/SMT Type

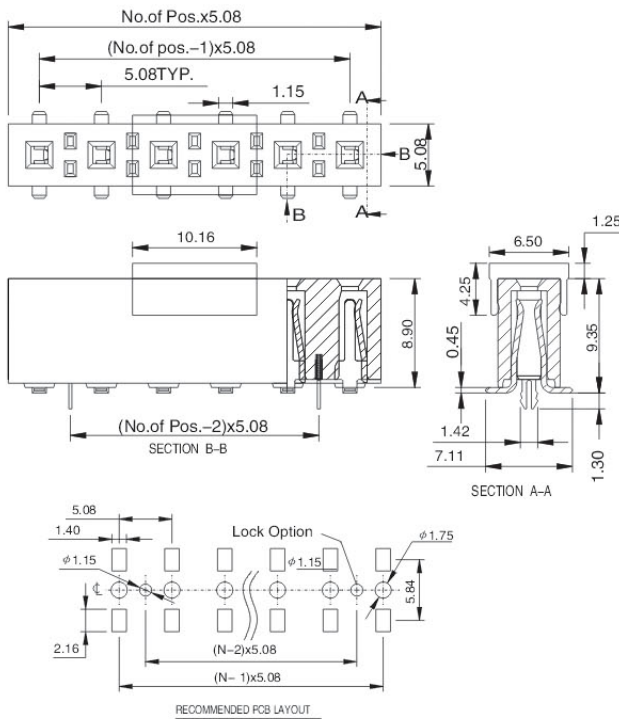
Technical Data:

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	stamped and formed, Phosphor Bronze/BeCu
Plating:	Au/Sn over Nickel
Current Rating:	8.2Amp 30 °C Temperature Rise
Contact resistance:	10 milliohms Max.
Insulator resistance:	500 Megohms min.
Dielectric withstanding:	AC 500V mated with 538A
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	538A

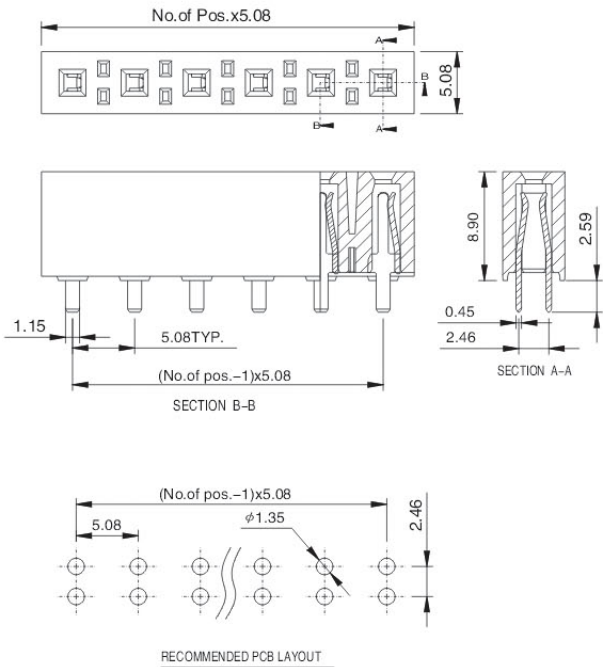


RoHS Compliant

SMT TYPE



DIP TYPE



How to order



Nr. of Contact	Code
Single Row 2 to 20 poles	02-20

Connector type	Code
DIP Type	10
SMT Type	20

Location peg option	Code
W / Lock	10
W / O Lock	00

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615

Contact Material	Code
Phosphor Bronze	2
BeCu	3

Packing Option	Code
Tube	1
Tape & Reel	2

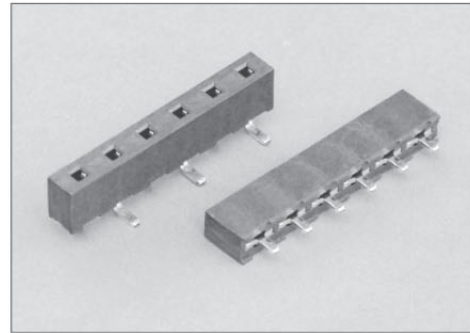
W.E.

538D

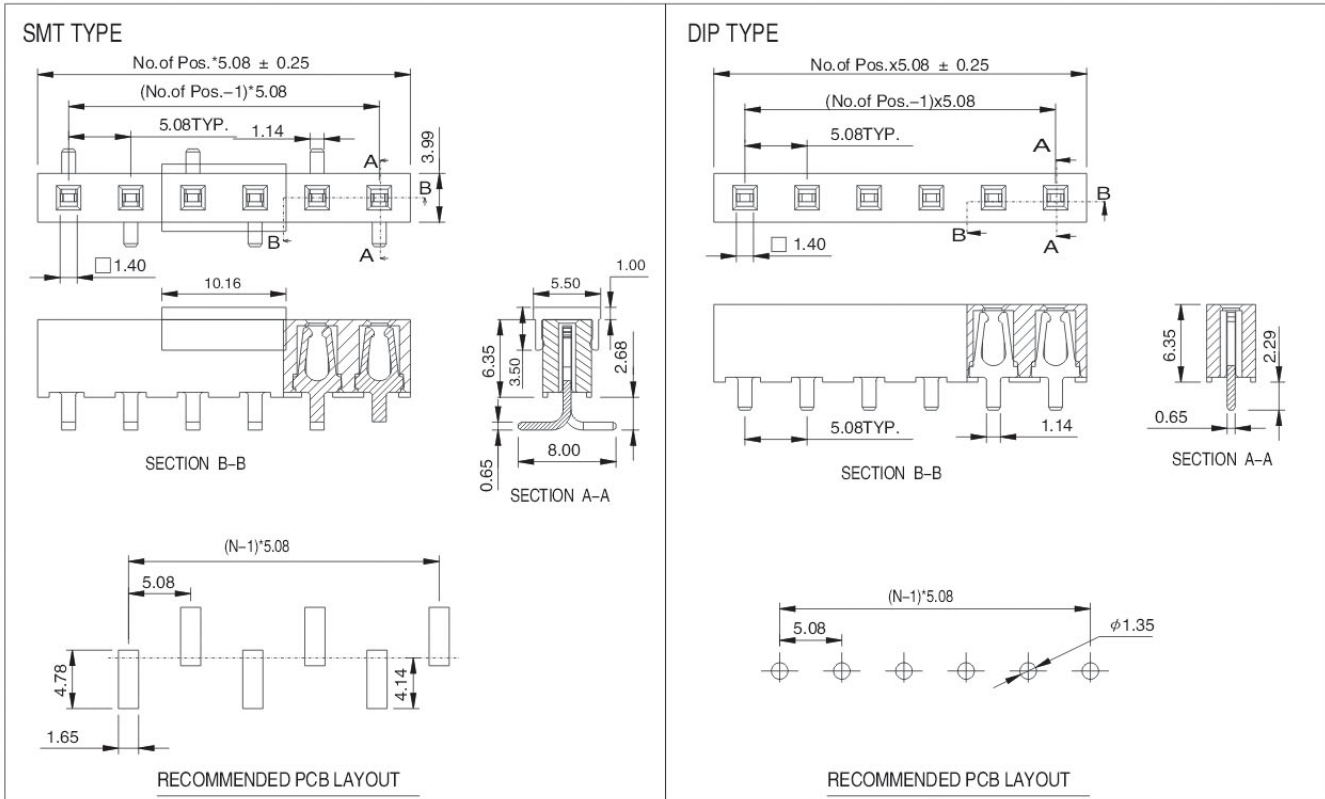
5.08PH Power Female Headers DIP/SMT Type

Technical Data:

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	stamped and formed, Phosphor Bronze/BeCu
Plating:	Au/Sn over Nickel
Current Rating:	6.8Amp 30 °C Temperature Rise
Contact resistance:	10 milliohms Max.
Insulator resistance:	500 Megohms min.
Dielectric withstanding:	AC 500V mated with 538A
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	538A



RoHS Compliant



How to order



Nr. of Contact	Code
Single Row 2 to 20 poles	02-20

Connector type	Code
DIP Type	10
SMT Type	20

Contact Material	Code
Phosphor Bronze	2
BeCu	3

Packing Option	Code
Tube	1
Tape & Reel	2

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

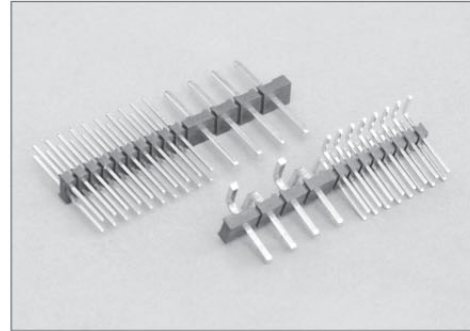
W.E.

539A

5.08/2.54PH Power COMBO Headers SMT/DIP Type

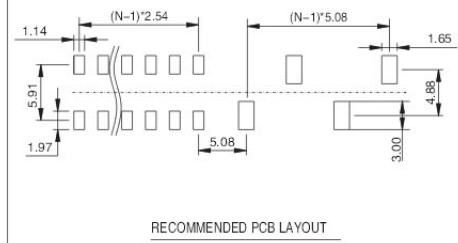
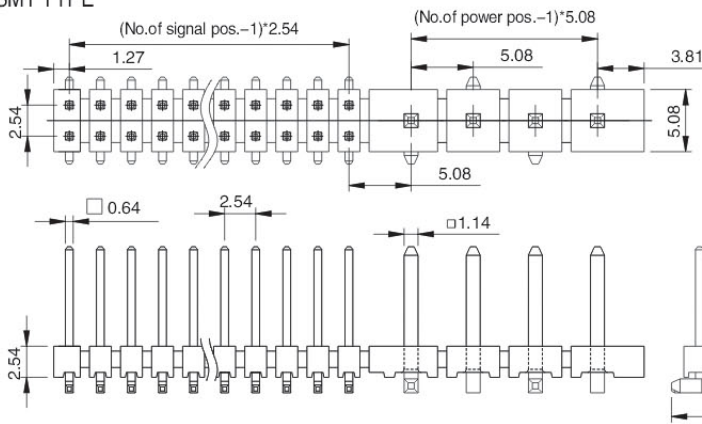
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Power Pin: Tin plated over Nickel Signal Pin: Tin or Au plated over Nickel
Current Rating :	8.2Amp 30 °C Temperature Rise(Power)
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 5.08mm, 539B

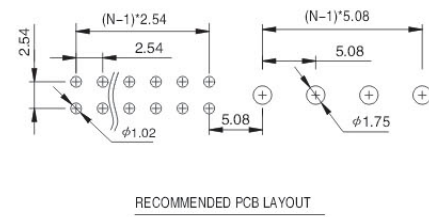
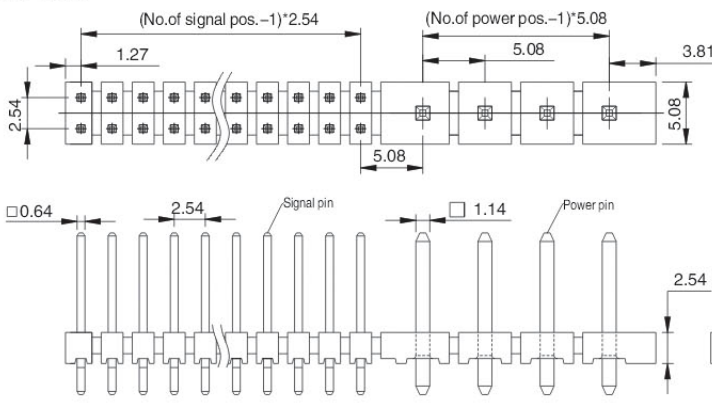


RoHS Compliant

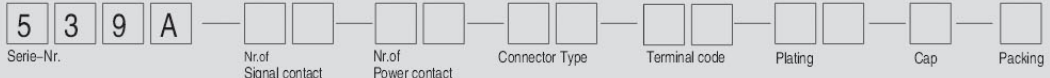
SMT TYPE



DIP TYPE



How to order



Nr. of Signal Contact	Code
Double Row 02 to 24 poles	02-24
Nr. of Power Contact	Code
Single Row 02 to 04 poles	02-04
Connector Type	Code
Dip Type	10
SMT Type	20

Terminal code	Dimensions(mm)					
	SMT Type			DIP Type		
	B	C	D	B	C	
10	5.84	7.11	3.81	5.84	2.54	
20	8.13	7.11	3.81	8.13	2.54	
xxx	as request			as request		
	For Eg. B=5.84 C=7.11 D=3.81 CODE Nr=5.84/7.11/3.81			For Eg. B=5.84 C=2.54 CODE Nr=5.84/2.54		

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u'Selective gold plated	610
15u'Selective gold plated	615
Note: Power Pins = All Tin	

Pick & Place Pad	Code
W/Cap	1
W/O Cap	2
Packing Option	Code
Tube	1
Tape / Reel	2

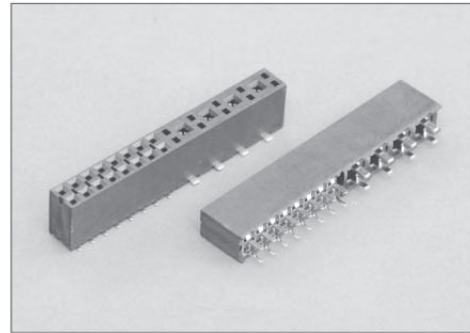
W.E.

539B

5.08/2.54PH Power COMBO Female Headers DIP/SMT Type

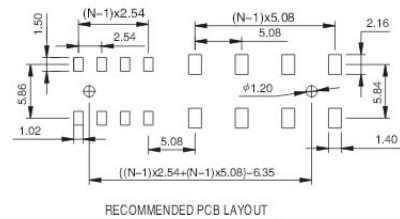
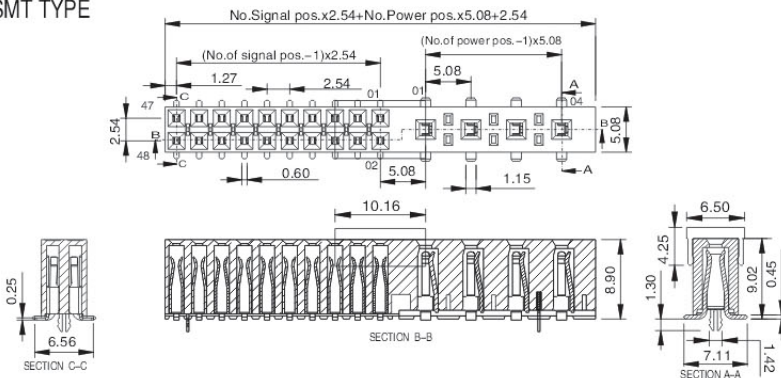
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	phosphor bronze for signal contact Phosphor Bronze/BeCu For Power contact
Plating:	Au/Sn over Nickel
Current Rating:	8.2Amp 30 °C Temperature Rise(Power)
Contact resistance:	10 milliohms Max.
Insulator resistance:	500 Megohms min.
Dielectric withstanding:	AC 850V
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	539A

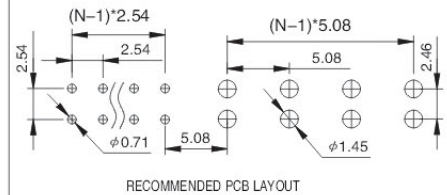
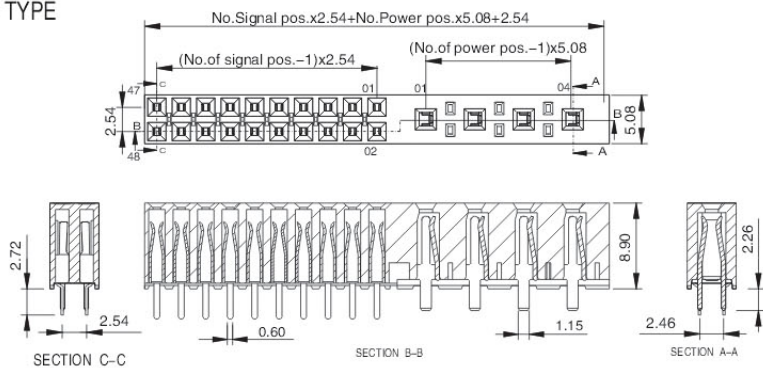


RoHS Compliant

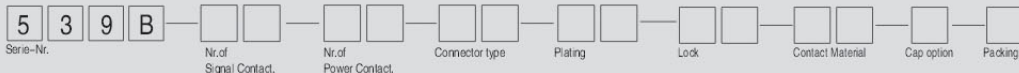
SMT TYPE



DIP TYPE



How to order



Nr. of Signal Contact	Code
Double Row Max. 48 poles	04-48

Nr. of Power Contact	Code
Single Row Max. 4 poles	02-04

Connector type	Code
DIP Type	10
SMT Type	20

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615

Location peg option	Code
W / Lock	10
W / O Lock	00

Contact Material	Code
Phosphor Bronze	2
BeCu	3

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

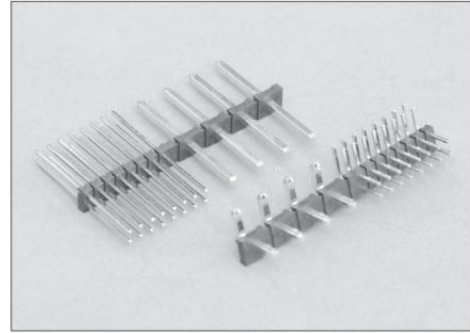
W.E.

539C

5.08/2.00PH Power COMBO Headers DIP Type

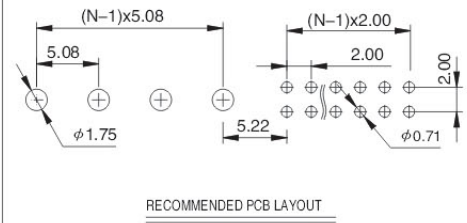
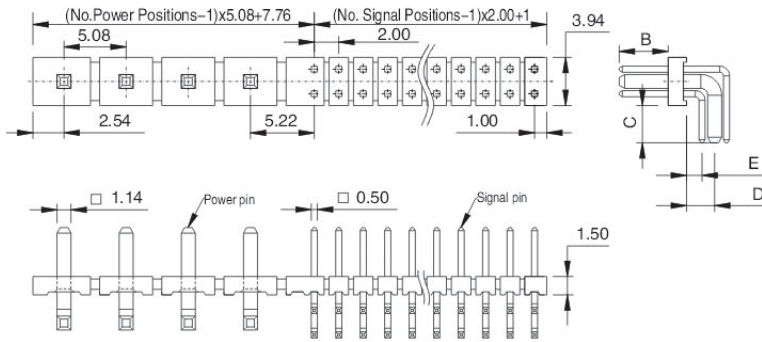
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	1.14x1.14mm
Contact Material:	copper alloy
Plating:	Power Pin: Tin plated over Nickel Signal Pin: Tin or Au plated over Nickel
Current Rating :	8.2Amp 30 °C Temperature Rise(Power)
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 5.08mm,539D

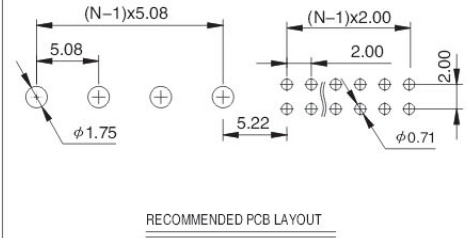
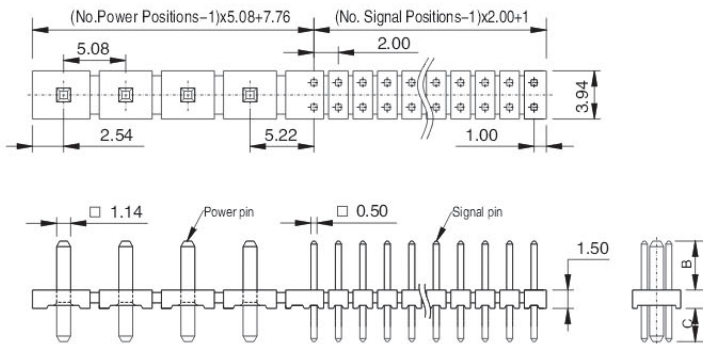


RoHS Compliant

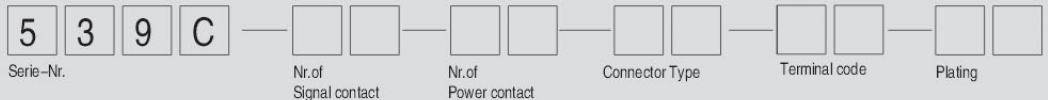
RA TYPE



DIP TYPE



How to order



Nr. of Signal Contact	Code
Double Row 01 to 39 poles	01-39
Nr. of Power Contact	Code
Single Row 01 to 4 poles	01-04
Connector Type	Code
Dip Type	10
Right Angle type	20

Terminal code	Dimensions(mm)					
	RAF. Type			DIP Type		
	B	C	D	E	B	C
10	4.00	3.04	2.30	1.27	4.00	2.71
20						
xxx	as request			as request		
	For Eg. B=4.00 C=3.04 D=2.3 CODE N#=4.00/3.04/2.30			For Eg. B=4.00 C=3.04 CODE N#=4.00/3.04		

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
Note: Power Pins = All Tin	

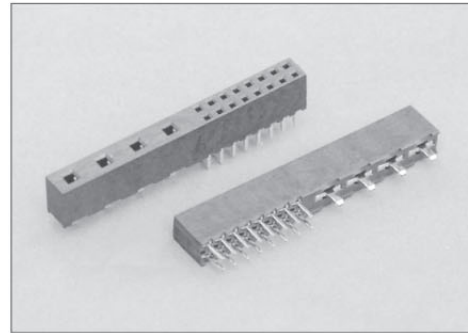
W.E.

539D

5.08/2.00PH Power COMBO Female Headers DIP Type

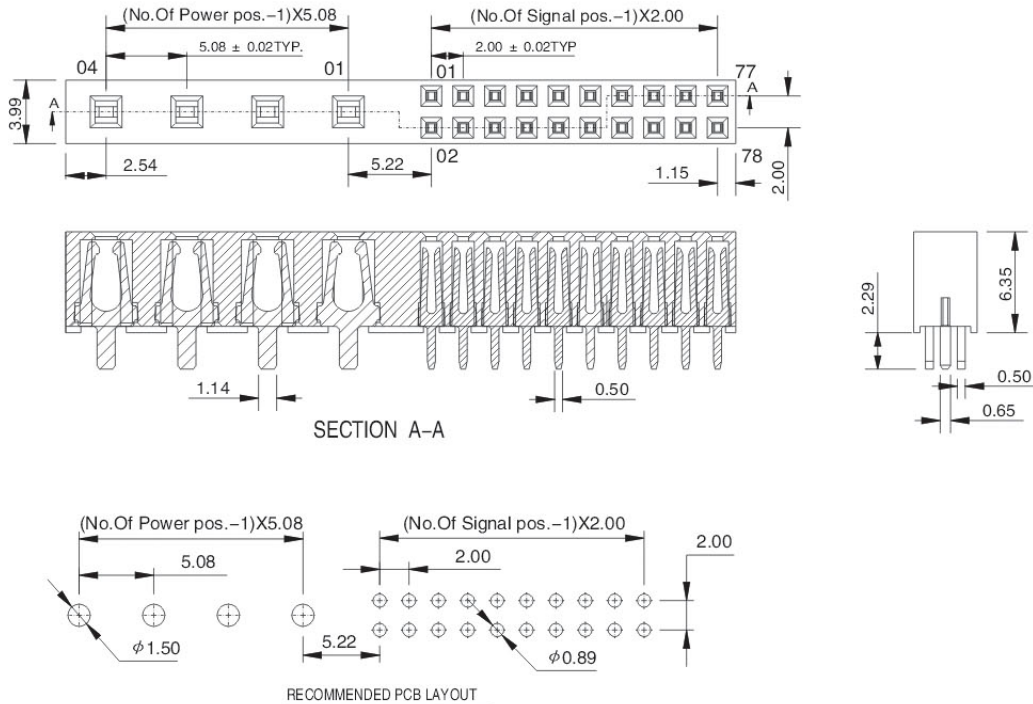
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	phosphor bronze for signal contact Phosphor Bronze/BeCu For Power contact
Plating:	Au/Sn over Nickel
Current Rating:	6.8Amp 30 °C Temperature Rise(Power)
Contact resistance:	10 milliohms Max.
Insulator resistance:	500 Megohms min.
Dielectric withstanding:	AC 500V
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	539C



RoHS Compliant

DIP TYPE



How to order



Nr. of Signal Contact	Code
Double Row Max. 78 poles	02-78

Nr. of Power Contact	Code
Single Row Max. 4 poles	01-04

Connector type	Code
DIP Type	10

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615

Contact Material	Code
Phosphor Bronze	2
BeCu	3

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

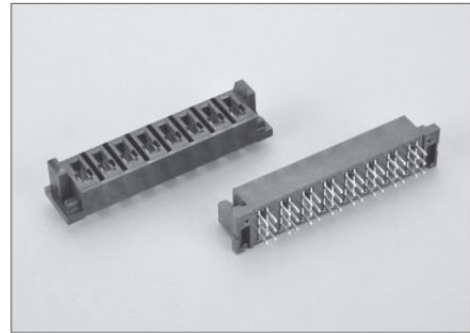
W.E.

920

5.00mm Pitch Mini-Power Socket, Vertical Type

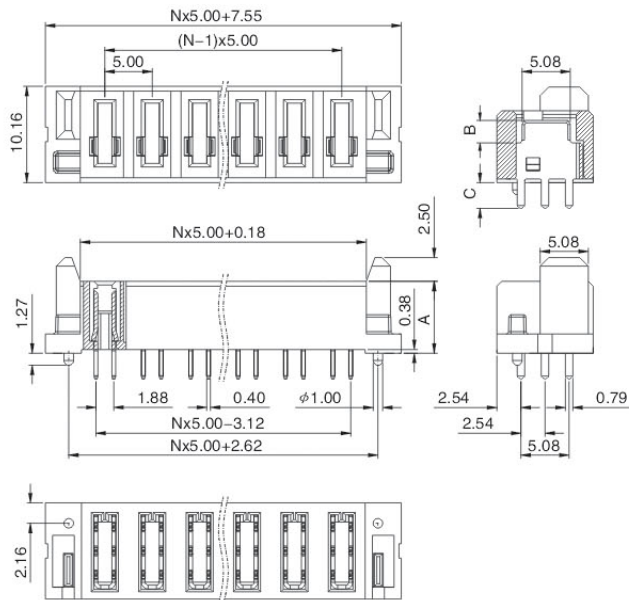
Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	24.7A
Voltage Rating:	600VAC/848VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	921

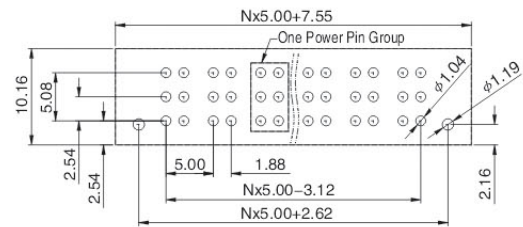
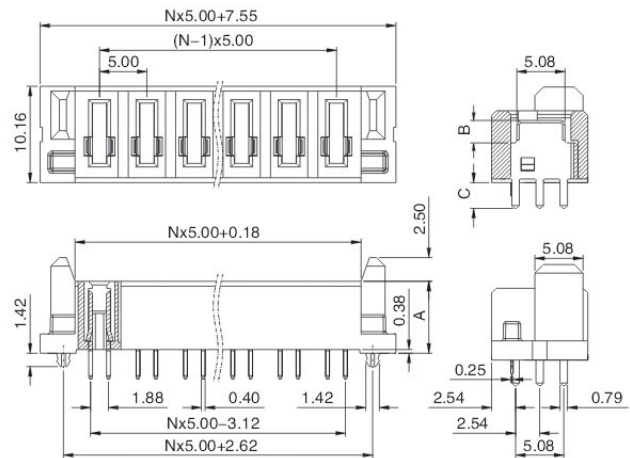


RoHS Compliant

W/Location Peg



W/Locking Clip



Recommended PCB Layout

How to order



Nr. of contact	Code
02	02
03	03
04	04
06	06
08	08

Terminal type			Code
Dimensions(mm)			
A	B	C	
7.58	2.37	2.72	10
7.58	2.37	3.52	11
7.58	2.37	4.32	12
9.58	4.37	2.72	13
9.58	4.37	3.52	14
9.58	4.37	4.32	15

13.14.15=Please consult factory.

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Location Peg	10
W/Locking Clip	20
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

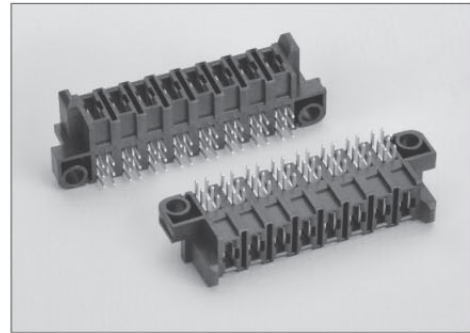
W.E.

920

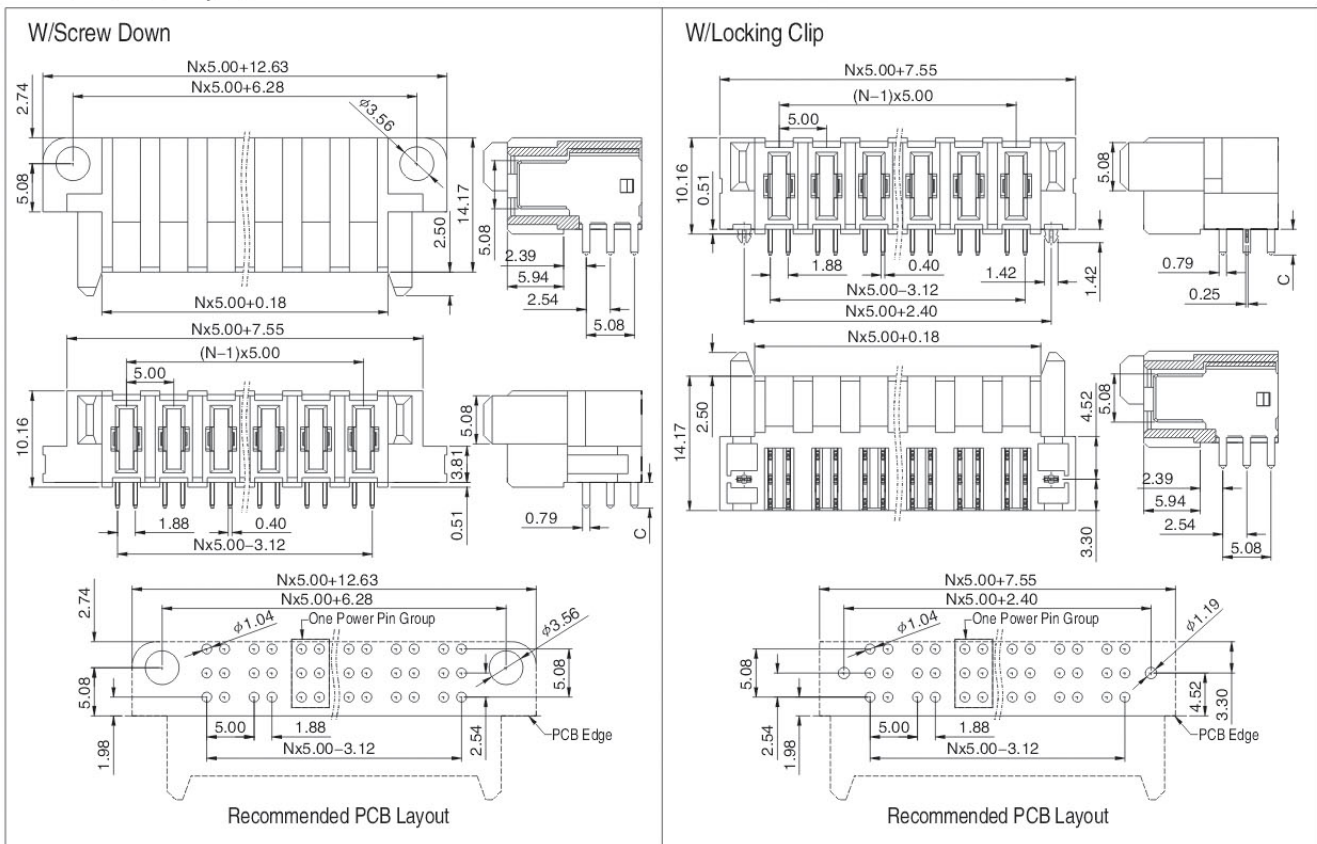
5.00mm Pitch Mini-Power Socket, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	24.7A
Voltage Rating:	600VAC/848VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	921



RoHS Compliant



How to order



Nr. of contact	Code
02	02
03	03
04	04
06	06
08	08

Terminal type	Code
Dimensions(mm)	
C	20
2.72	21
3.52	22

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

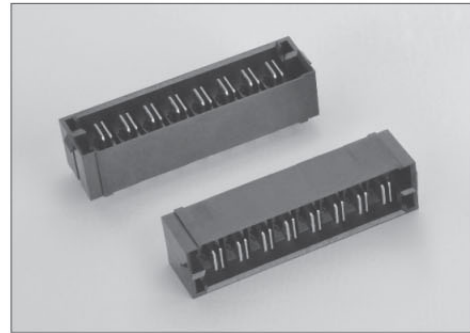
W.E.

921

5.00mm Pitch Mini-Power Terminal, Vertical Type

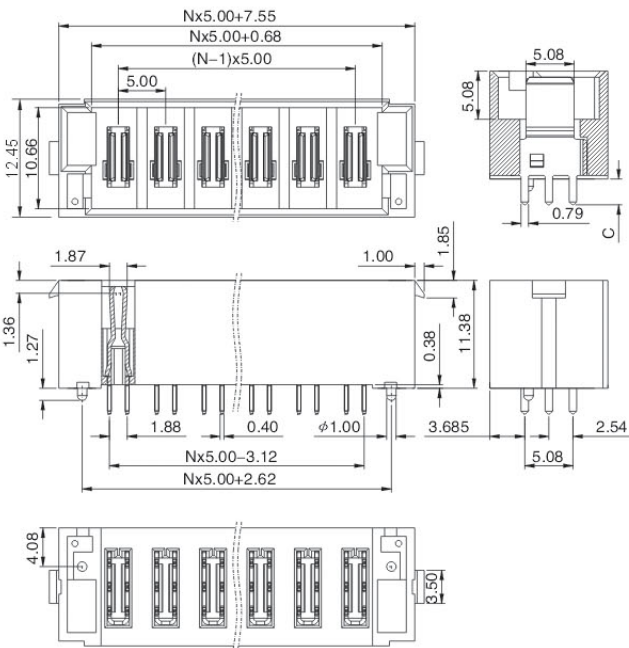
Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	24.7A
Voltage Rating:	600VAC/848VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	920

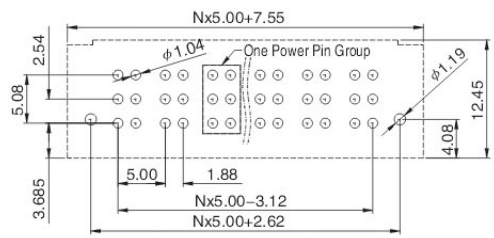
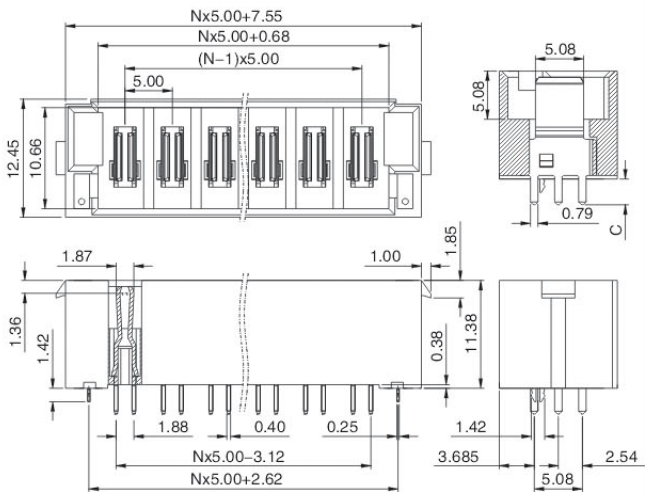


RoHS Compliant

W/Location Peg



W/Locking Clip



Recommended PCB Layout

How to order



Nr. of contact	Code
02	02
03	03
04	04
06	06
08	08

Terminal type	Code
Dimensions(mm)	
C	10
2.72	11
3.52	12

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Location Peg	10
W/Locking Clip	20

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

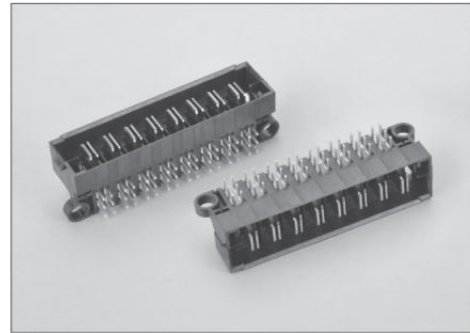
W.E.

921

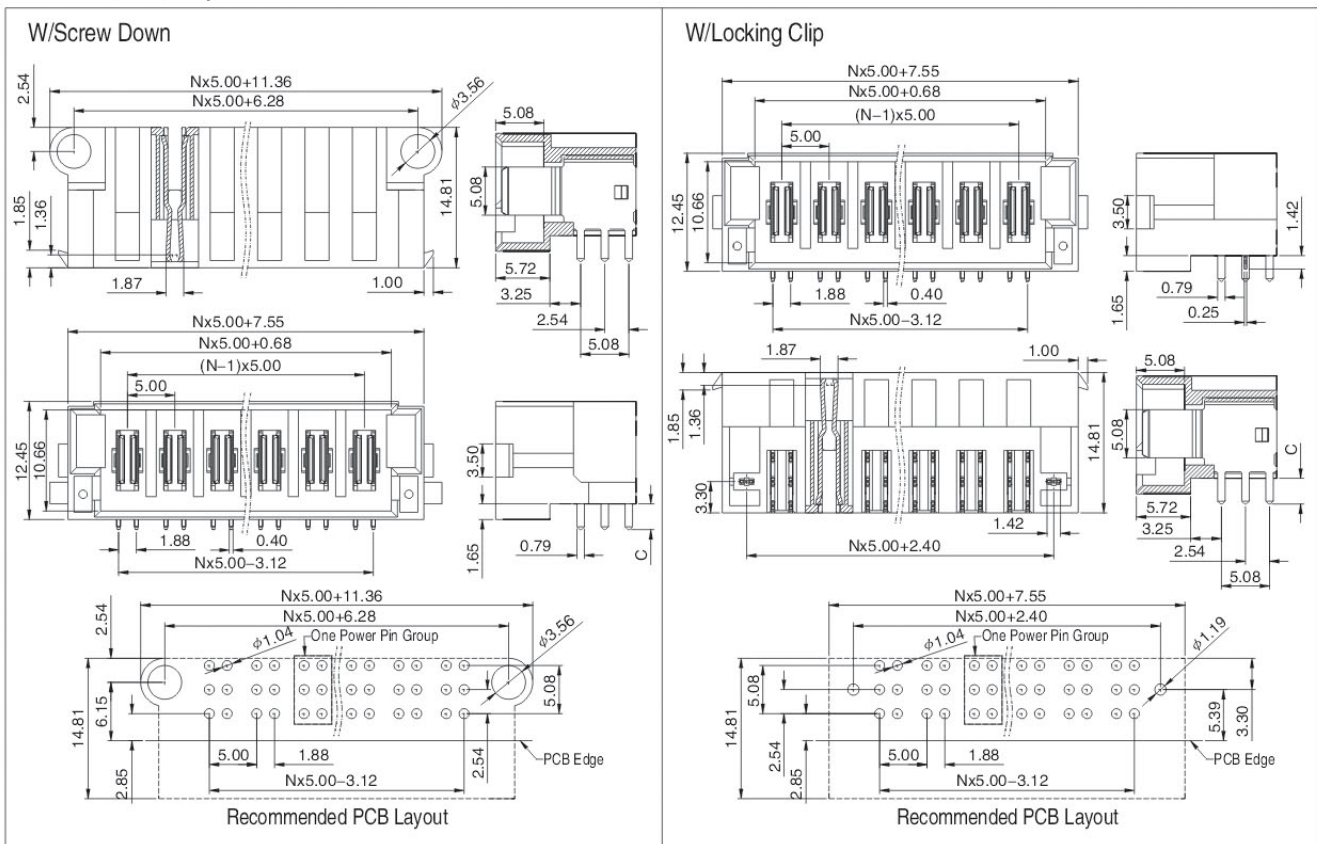
5.00mm Pitch Mini-Power Terminal, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	24.7A
Voltage Rating:	600VAC/848VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	920



RoHS Compliant



How to order



Nr. of contact	Code
02	02
03	03
04	04
06	06
08	08

Terminal type	Code
Dimensions(mm)	
C	
2.72	20
3.52	21
4.32	22

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

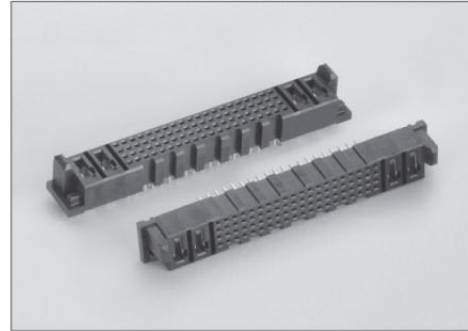
W.E.

922

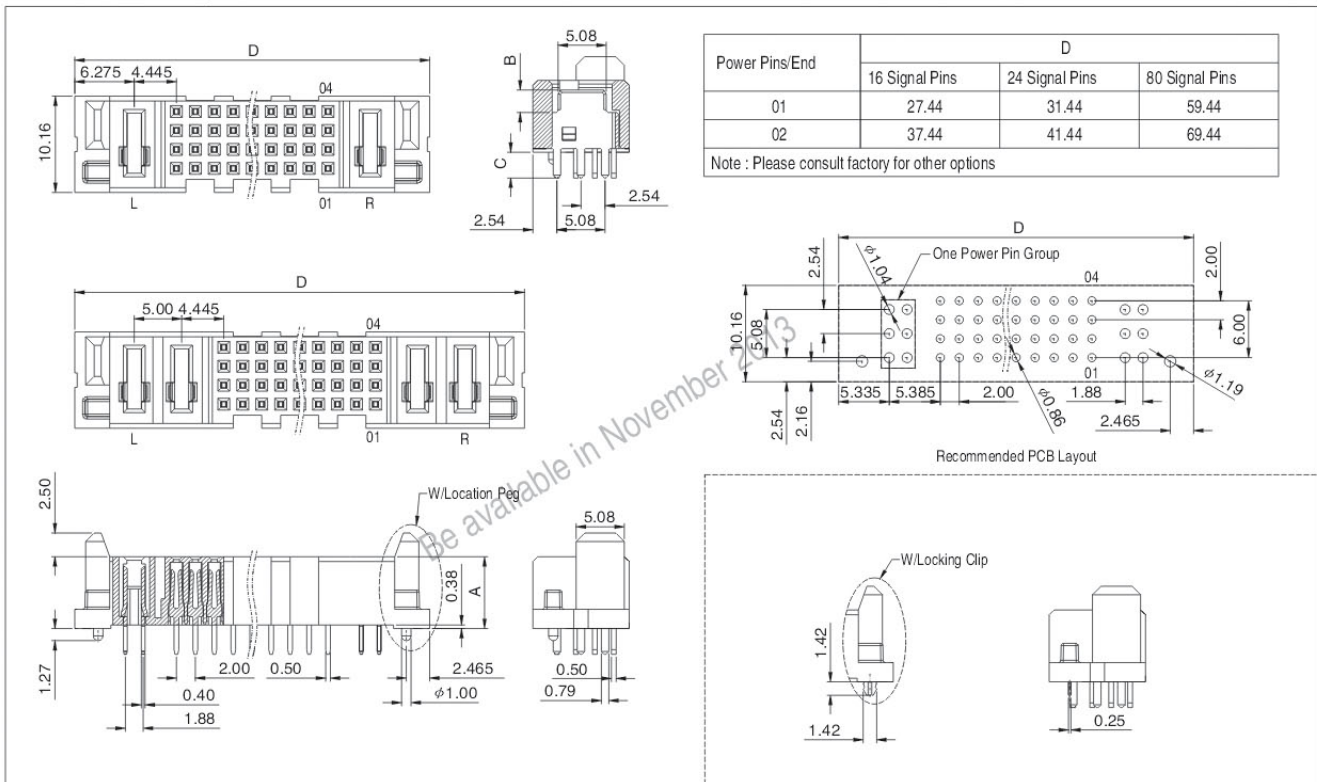
5.00mm Pitch Mini-Power W/Signal Socket, Vertical Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power:24.7A Signal:1A
Voltage Rating:	Power:600VAC/848VDC Signal:300VAC/424VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	923



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02

Nr. of signal contact	Code
16	16
24	24
80	80

Nr. of right power contact	Code
01	01
02	02

Terminal type			Code
Dimensions(mm)			
A	B	C	
7.58	2.37	2.72	10
7.58	2.37	3.52	11
7.58	2.37	4.32	12
9.58	4.37	2.72	13
9.58	4.37	3.52	14
9.58	4.37	4.32	15
13,14,15=Please consult factory.			

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
Full W/Location Peg	10
W/Locking Clip	20

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

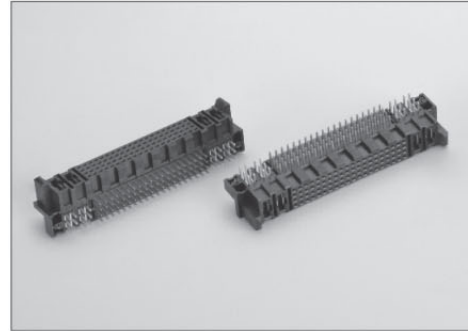
W.E.

922

5.00mm Pitch Mini-Power W/Signal Socket, Right Angle Type

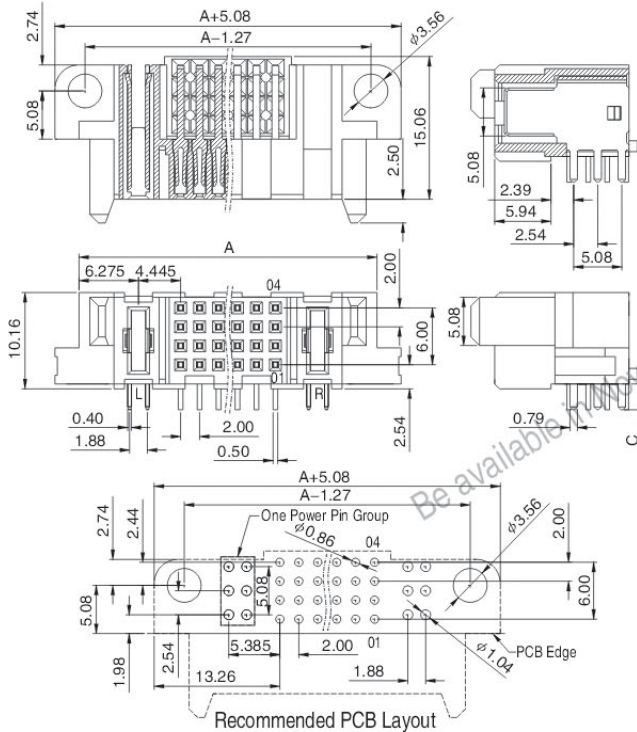
Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power:24.7A Signal:1A
Voltage Rating:	Power:600VAC/848VDC Signal:300VAC/424VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	923



RoHS Compliant

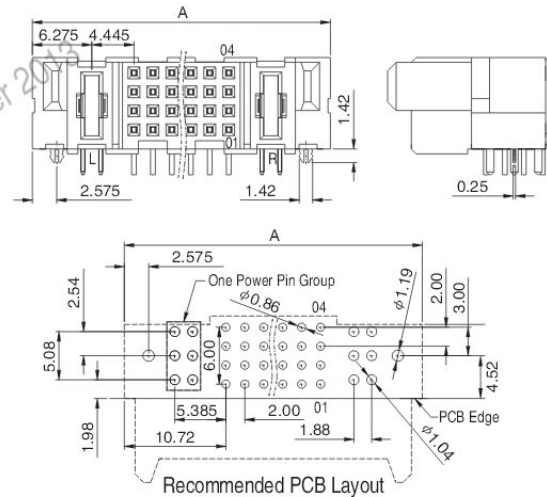
W/Screw Down



W/Locking Clip

Power Pins/End	A	
	24 Signal Pins	80 Signal Pins
01	31.44	59.44
02	41.44	69.44

Note : Please consult factory for other options



How to order



Nr. of left power contact	Code
01	01
02	02

Nr. of signal contact	Code
24	24
80	80

Nr. of right power contact	Code
01	01
02	02

Terminal type	Code
Dimensions(mm)	
C	
2.72	20
3.52	21
4.32	22

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

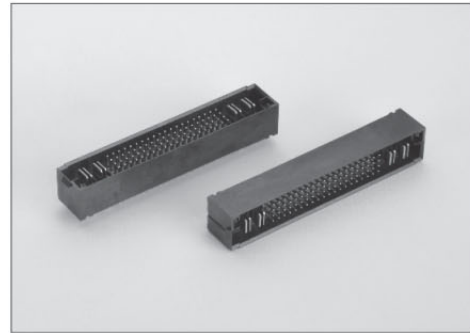
W.E.

923

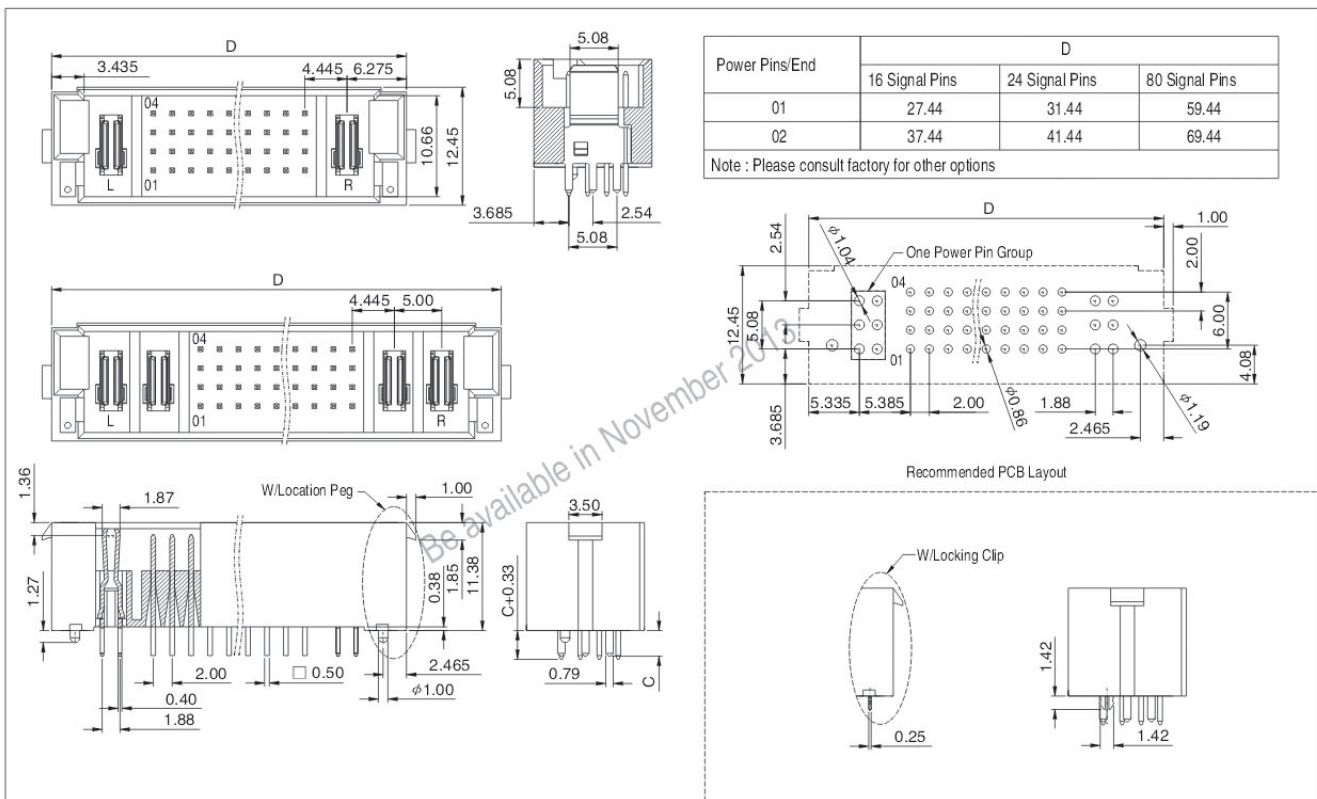
5.00mm Pitch Mini-Power W/Signal Terminal, Vertical Type

Technical Data :

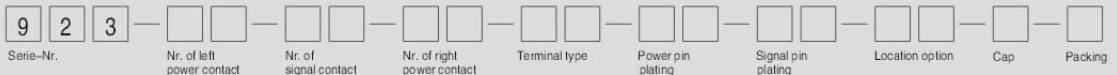
Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power: 24.7A Signal: 1A
Voltage Rating:	Power: 600VAC/848VDC Signal: 300VAC/424VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	922



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02

Nr. of signal contact	Code
16	16
24	24
80	80

Nr. of right power contact	Code
01	01
02	02

Terminal type	Code
Dimensions(mm)	
C	
2.72	10
3.52	11
4.32	12

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Location Peg	10
W/Locking Clip	20

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

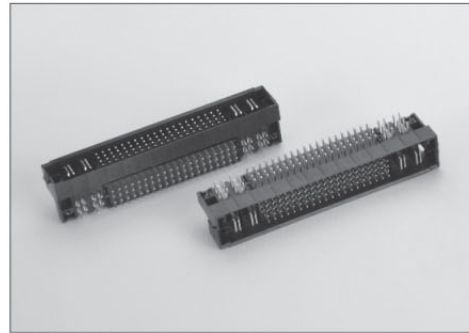
W.E.

923

5.00mm Pitch Mini-Power W/Signal Terminal, Right Angle Type

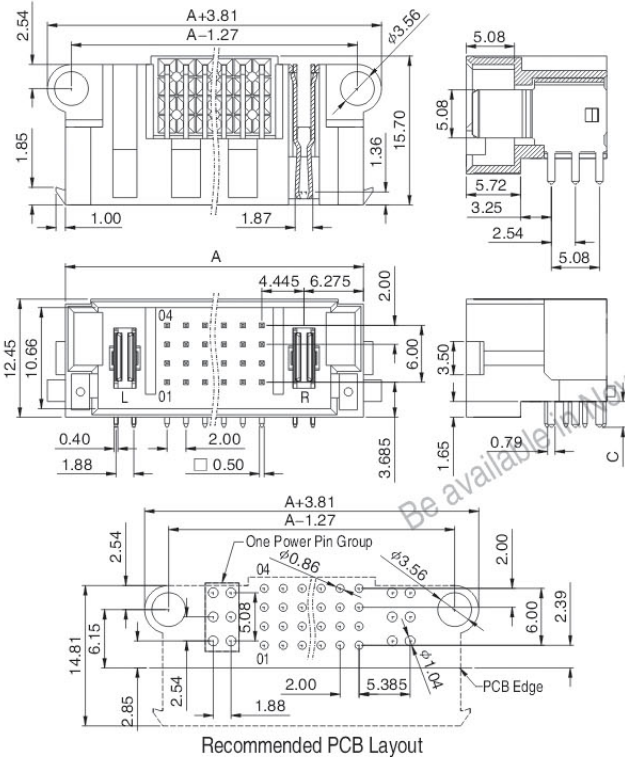
Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power:24.7A Signal: 1A
Voltage Rating:	Power:600VAC/848VDC Signal:300VAC/424VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	922



RoHS Compliant

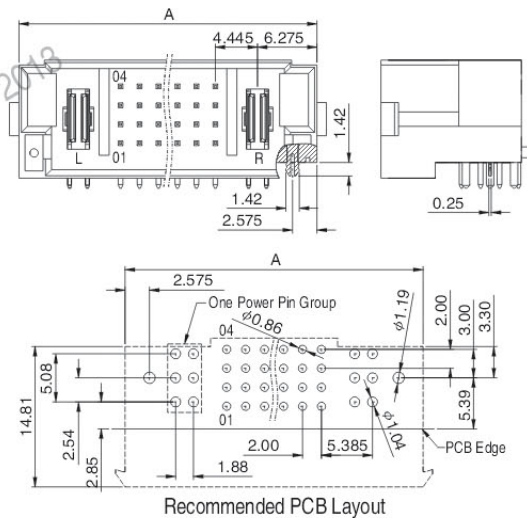
W/Screw Down



W/Locking Clip

Power Pins/End	A	
	24 Signal Pins	80 Signal Pins
01	31.44	59.44
02	41.44	69.44

Note : Please consult factory for other options



How to order



Nr. of left power contact	Code
01	01
02	02

Nr. of signal contact	Code
24	24
80	80

Nr. of right power contact	Code
01	01
02	02

Terminal type	Code
Dimensions(mm)	
C	
2.72	20
3.52	21
4.32	22

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

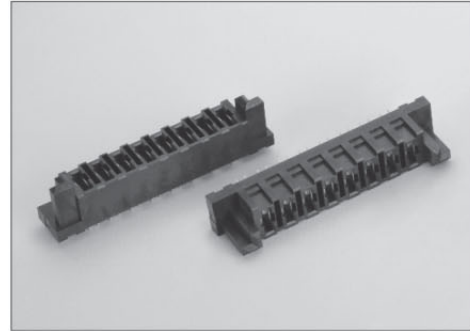
W.E.

927

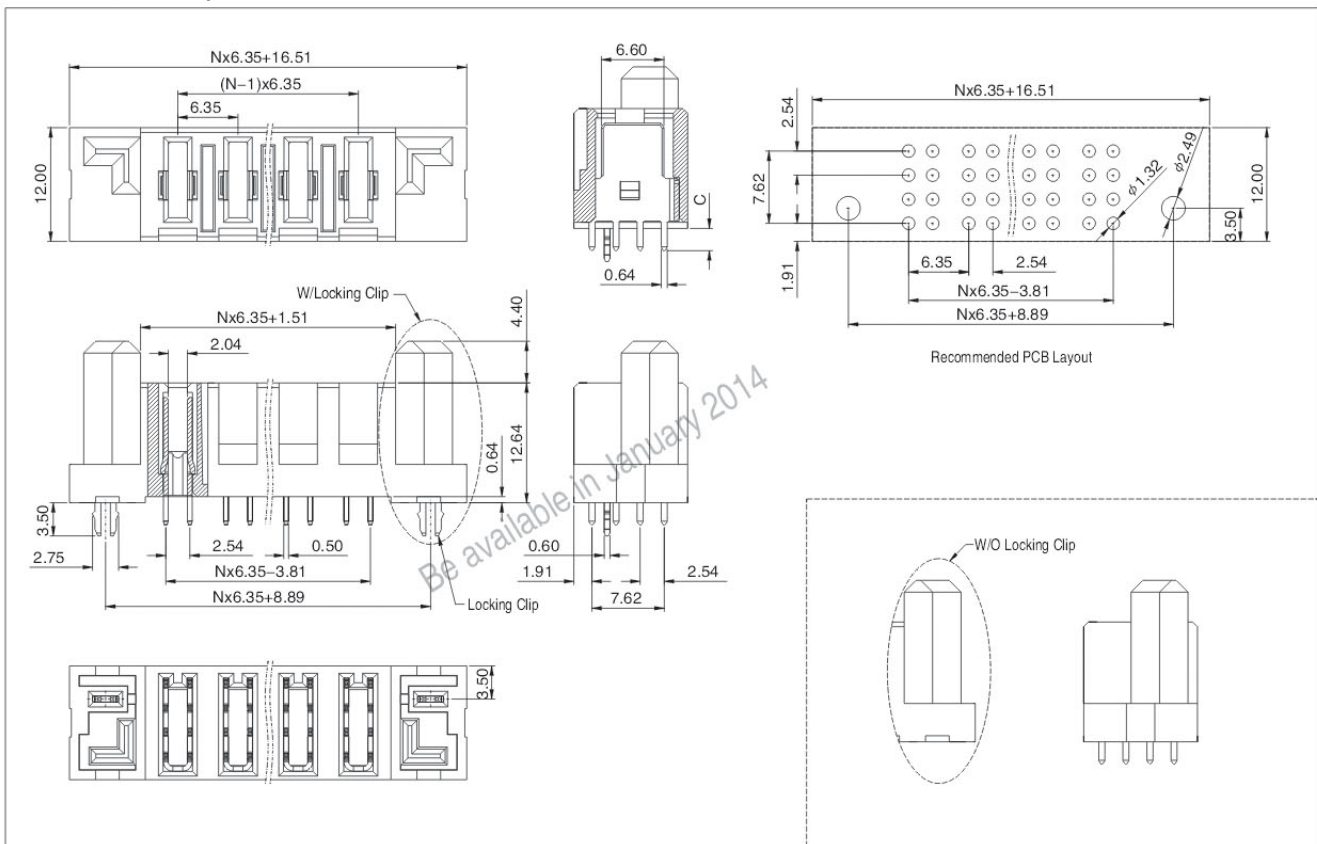
6.35mm Pitch Power Socket, Vertical Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	27.6A
Voltage Rating:	725VAC/1025VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	928



RoHS Compliant



How to order



Nr. of contact	Code
02	02
04	04
06	06
08	08

Terminal type	Code
Dimensions(mm)	
C	
2.35	10
3.95	11

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/O Locking Clip	00
W/Locking Clip	20
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

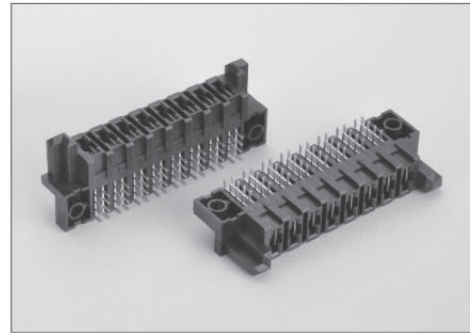
W.E.

927

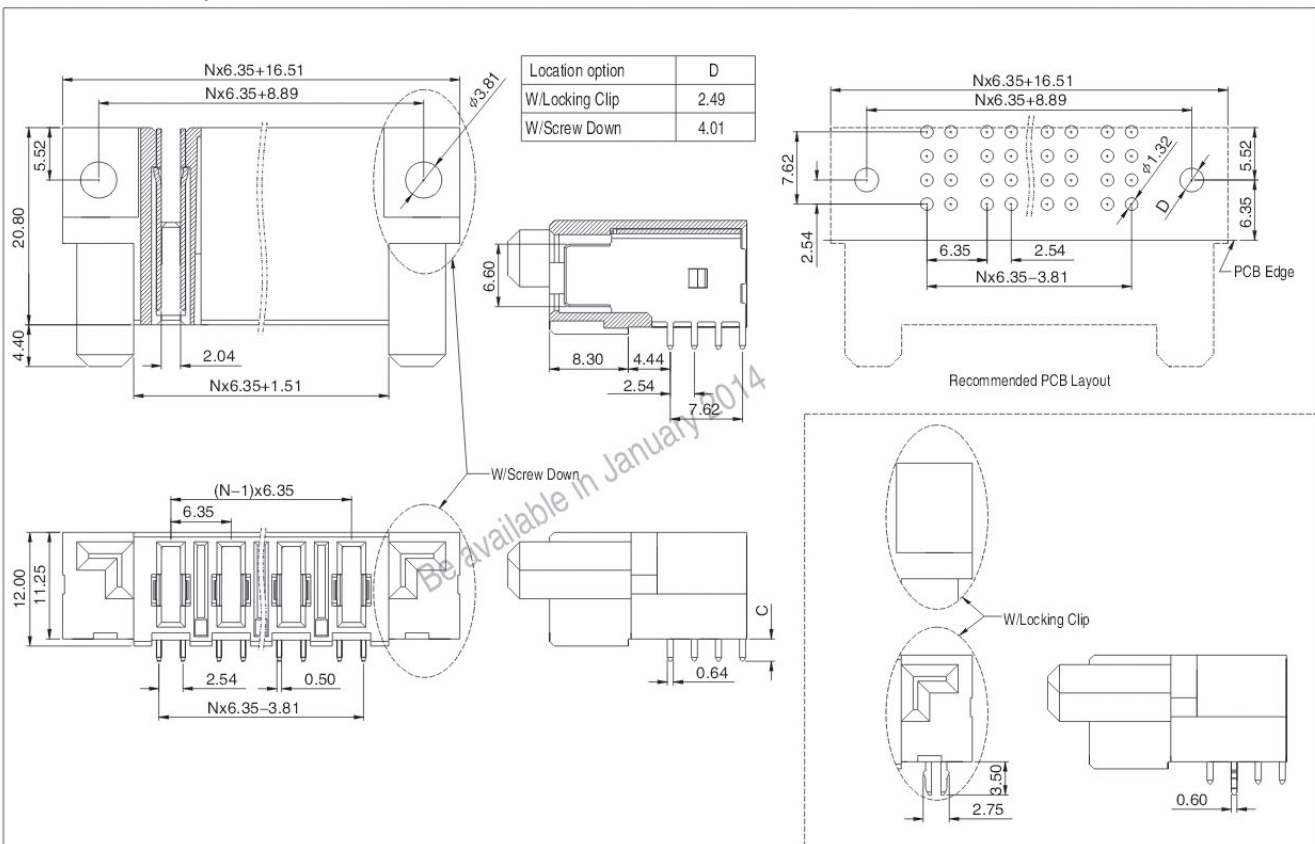
6.35mm Pitch Power Socket, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	27.6A
Voltage Rating:	725VAC/1025VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	928



RoHS Compliant



How to order



Nr. of contact	Code
02	02
04	04
06	06
08	08

Terminal type	Code
Dimensions(mm)	
C	
2.35	20
3.95	21

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

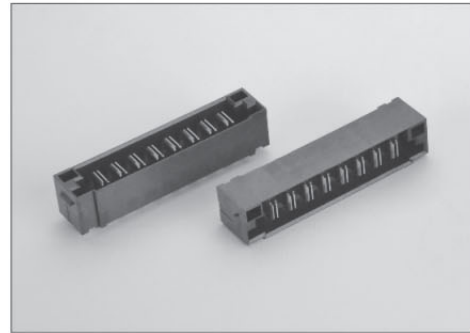
W.E.

928

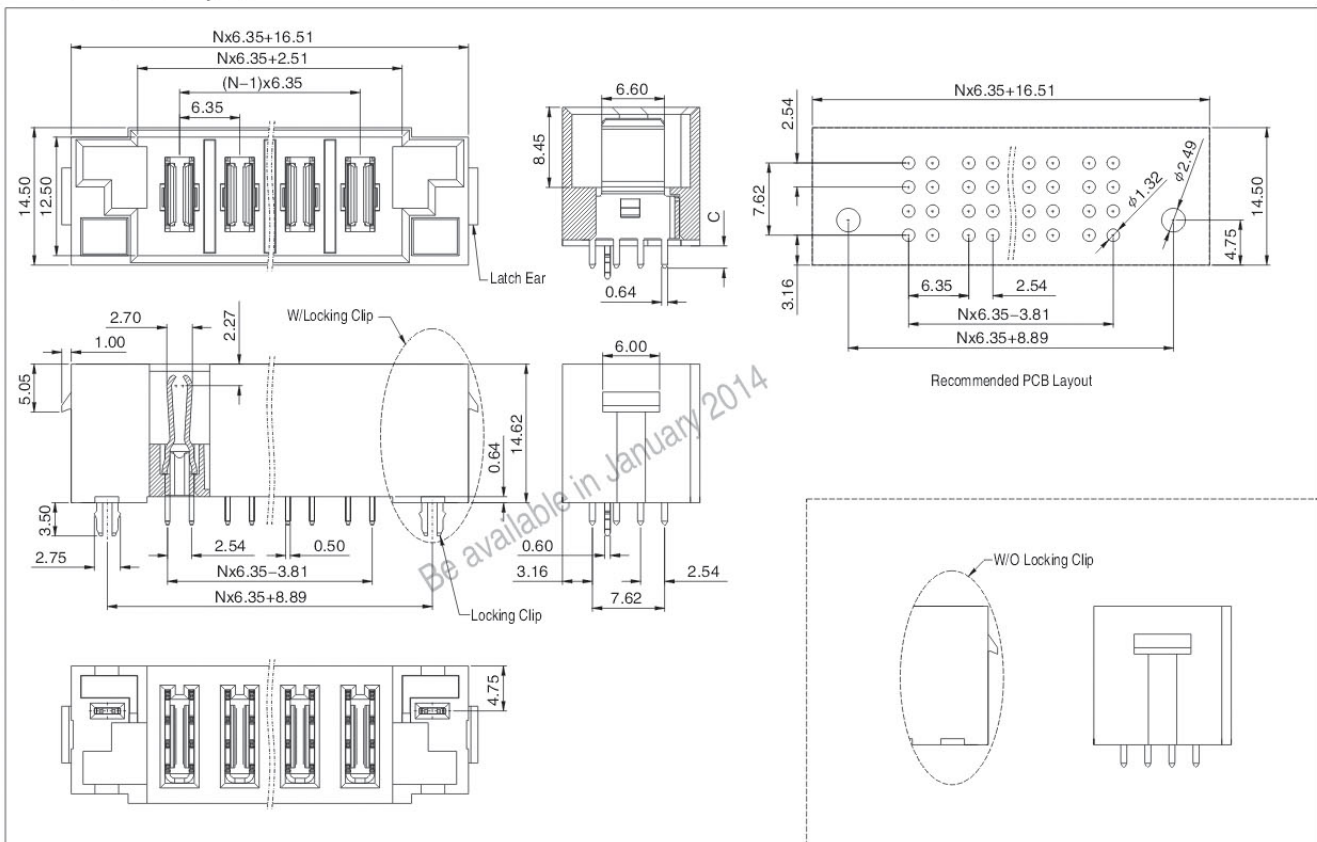
6.35mm Pitch Power Terminal, Vertical Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	27.6A
Voltage Rating:	725VAC/1025VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	927



RoHS Compliant



How to order



Nr. of contact	Code
02	02
04	04
06	06
08	08

Terminal type		Code
Dimensions(mm)	Latch Ears	
2.35	W/Latch Ears	10
3.95	W/Latch Ears	11
2.35	W/O Latch Ears	12
3.95	W/O Latch Ears	13

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/O Locking Clip	00
W/Locking Clip	20
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

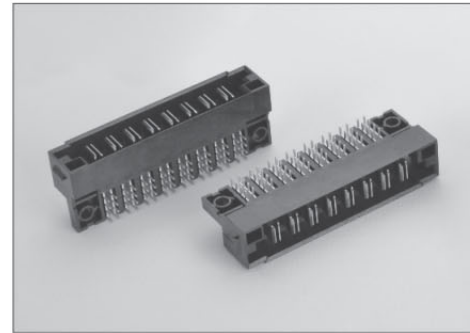
W.E.

928

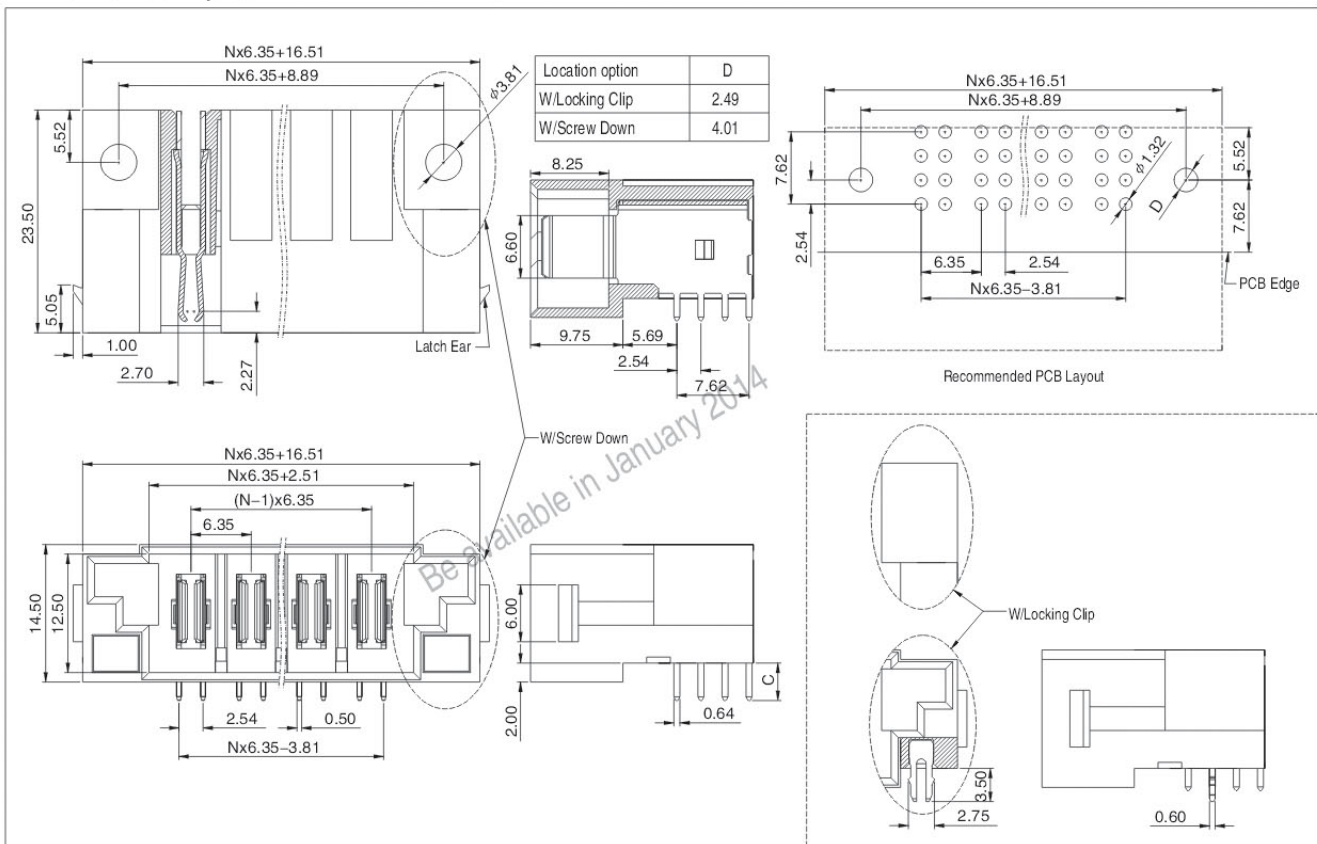
6.35mm Pitch Power Terminal, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	stamped and formed, Copper Alloy
Clip Material:	stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	27.6A
Voltage Rating:	725VAC/1025VDC
Operating Temperature :	-55 °C to +105 °C With Tin -55 °C to +125 °C With Gold
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	927



RoHS Compliant



How to order



Nr. of contact	Code
02	02
04	04
06	06
08	08

Terminal type		Code
Dimensions(mm)	Latch Ears	
C		
2.35	W/Latch Ears	20
3.95	W/Latch Ears	21
2.35	W/O Latch Ears	22
3.95	W/O Latch Ears	23

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

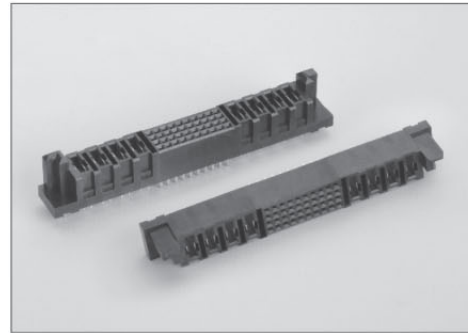
W.E.

929

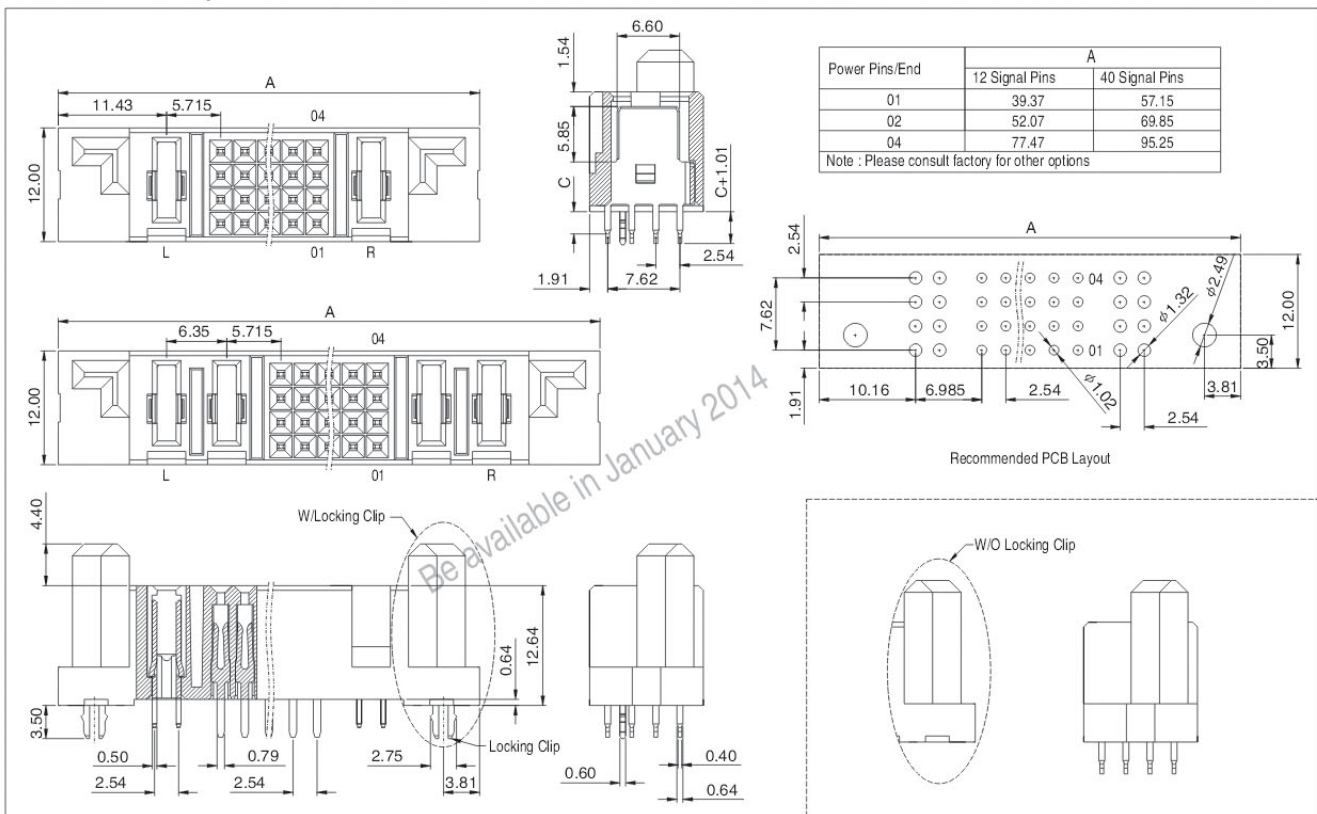
6.35mm Pitch Power W/Signal Socket, Vertical Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power: 27.6A Signal: 3A
Voltage Rating:	Power: 650VAC/919VDC Signal: 450VAC/636VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	930



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02
04	04

Nr. of signal contact	Code
12	12
40	40

Nr. of right power contact	Code
01	01
02	02
04	04

Terminal type	Code
Dimensions(mm)	Code
C	
2.35	10
3.95	11

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/O Locking Clip	00
W/Locking Clip	20

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

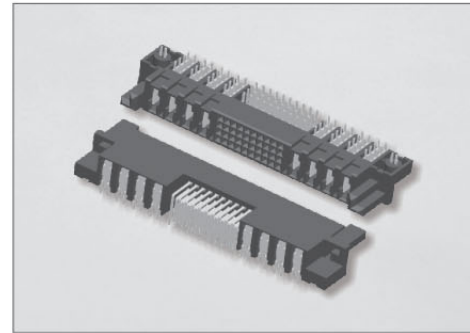
W.E.

929

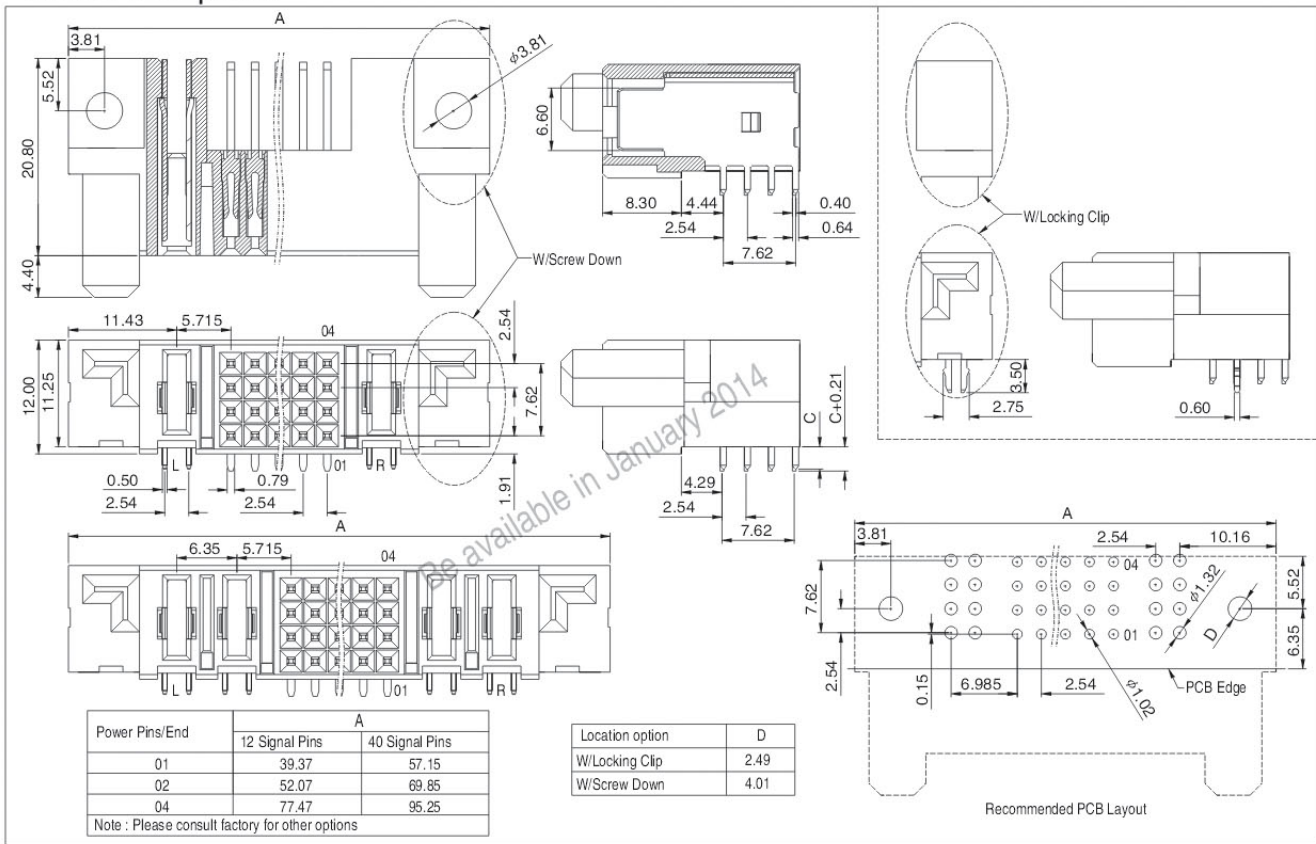
6.35mm Pitch Power W/Signal Socket, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	Au or Tin over Nickel
Contact Plating:	Matt Sn over Nickel
Clip Plating:	Power: 27.6A Signal: 3A
Current Rating :	Power: 650VAC/919VDC Signal: 450VAC/636VDC
Voltage Rating:	-55 °C to +105 °C
Operating Temperature :	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Max. processing Temp:	930
Mates with :	930



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02
04	04

Nr. of signal contact	Code
12	12
40	40

Nr. of right power contact	Code
01	01
02	02
04	04

Terminal type	Code
Dimensions(mm)	
C	
2.35	20
3.95	21

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
Full gold flash plated	20
Tin plated	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

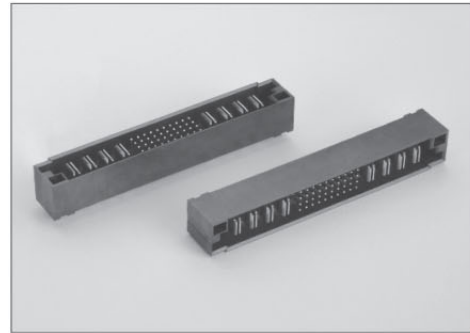
W.E.

930

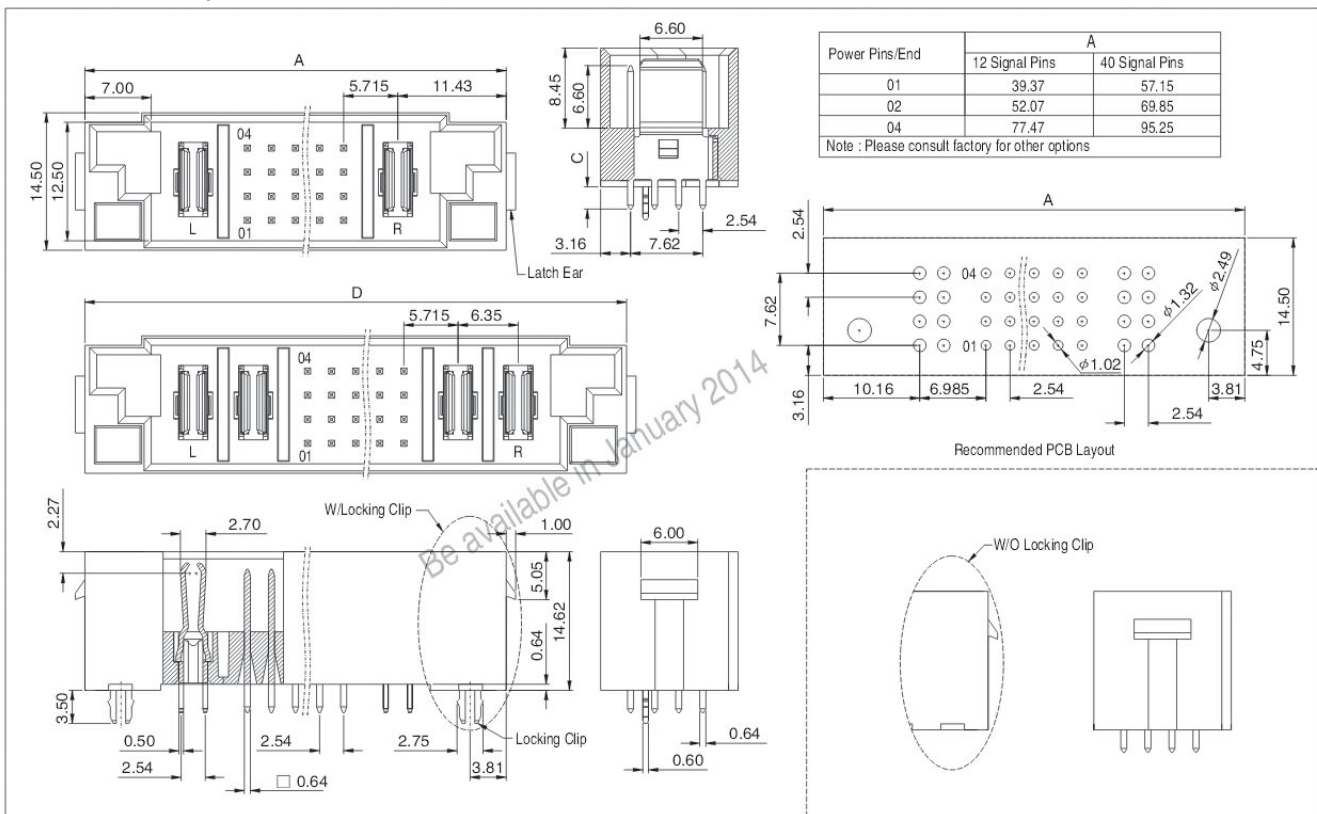
6.35mm Pitch Power W/Signal Terminal, Vertical Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power: 27.6A Signal: 3A
Voltage Rating:	Power: 650VAC/919VDC Signal: 450VAC/636VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	929



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02
04	04

Nr. of signal contact	Code
12	12
40	40

Nr. of right power contact	Code
01	01
02	02
04	04

Terminal type		
Dimensions(mm)	Latch Ears	Code
C		
2.35	W/Latch Ears	10
3.95	W/Latch Ears	11
2.35	W/O Latch Ears	12
3.95	W/O Latch Ears	13

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/O Locking Clip	00
W/Locking Clip	20
Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

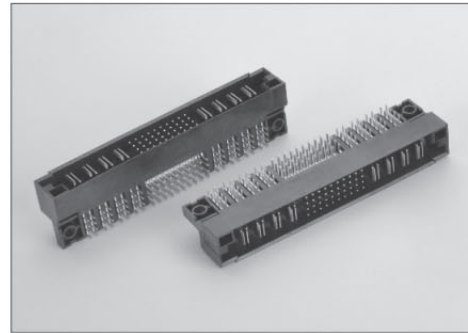
W.E.

930

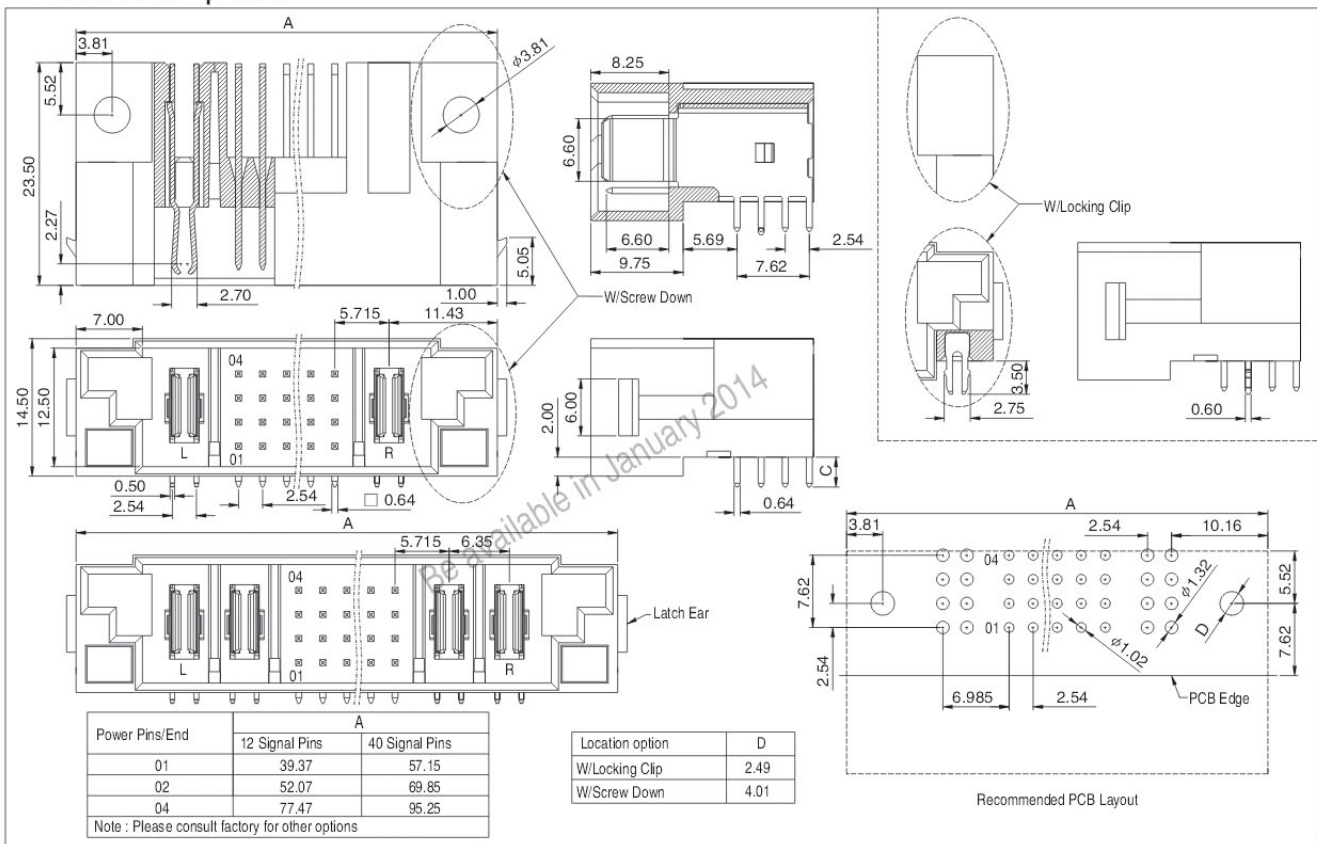
6.35mm Pitch Power W/Signal Terminal, Right Angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact Material:	Copper Alloy for signal contact Copper Alloy for Power contact stamped and formed, Copper Alloy
Clip Material:	Copper Alloy for Power contact stamped and formed, Copper Alloy
Contact Plating:	Au or Tin over Nickel
Clip Plating:	Matt Sn over Nickel
Current Rating :	Power: 27.6A Signal: 3A
Voltage Rating:	Power: 650VAC/919VDC Signal: 450VAC/636VDC
Operating Temperature :	-55 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds. 929
Mates with :	929



RoHS Compliant



How to order



Nr. of left power contact	Code
01	01
02	02
04	04

Nr. of signal contact	Code
12	12
40	40

Nr. of right power contact	Code
01	01
02	02
04	04

Terminal type		Code
Dimensions(mm)	Latch Ears	
C	W/Latch Ears	20
	W/O Latch Ears	22
3.95	W/O Latch Ears	23

Power pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Signal pin plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610

Location option	Code
W/Locking Clip	20
W/Screw Down	30

Pick&Place Cap	Code
W/O Cap	2

Packing option	Code
Tube	1
Tray	3

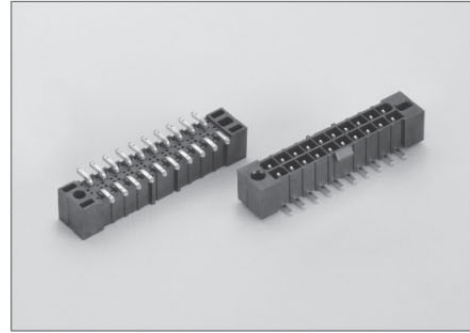
W.E.

934

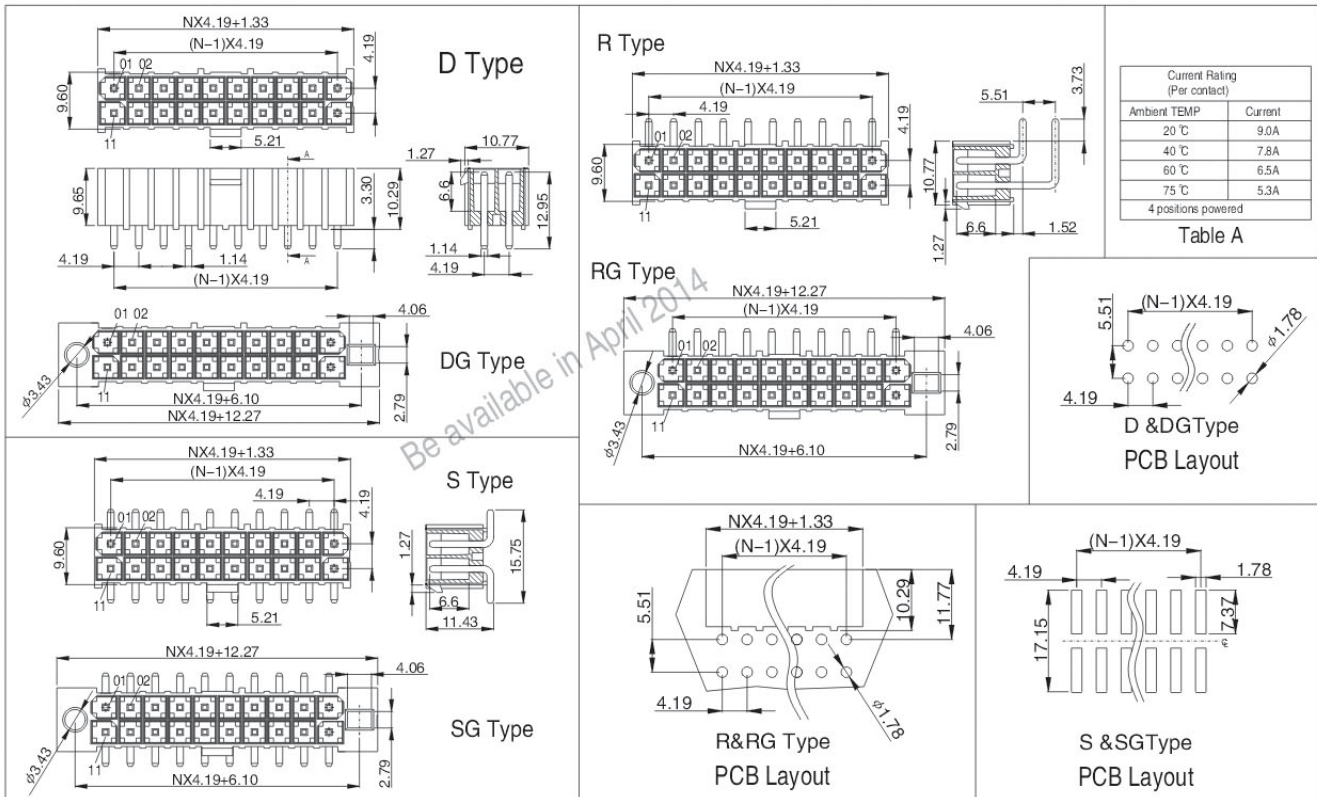
Isolated Terminal Power Header 4.19mm Pitch Double Row

Technical Data :

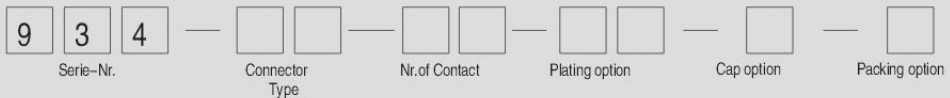
Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	Copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	See Table A
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute. DC 707V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	935 series



RoHS Compliant



How to order



Connector Type	Code
Standard Dip (D Type)	10
Standard SMT (S Type)	20
Standard Right angle (R Type)	30
Standard Dip with guide posts (DG Type)	11
Standard SMT with guide posts (SG Type)	21
Right angle with guide posts (RG Type)	31

Number of contact	Code
04-30-poles Double	04-30

Plating option	Code
Gold plated	10
Tin plated	50

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

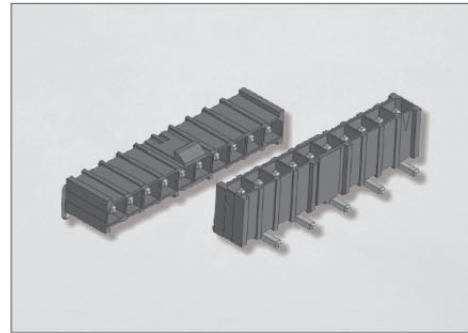
W.E.

934-1

Isolated Terminal Power Header 4.19mm Pitch Single Row

Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	Copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	See Table A
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute. DC 707V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	935-1 series



RoHS Compliant

Current Rating (Per contact)	
Ambient TEMP	Current
20 °C	9.0A
40 °C	7.8A
60 °C	6.5A
75 °C	5.3A

4 positions powered

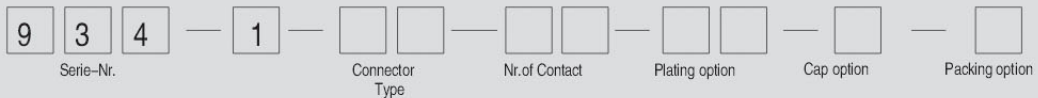
Table A

D&DG Type PCB Layout

R&RG Type PCB Layout

S&SG Type PCB Layout

How to order



Connector Type	Code
Standard Dip (D Type)	10
Standard SMT (S Type)	20
Standard Right angle (R Type)	30
Standard Dip with guide posts (DG Type)	11
Standard SMT with guide posts (SG Type)	21
Right angle with guide posts (RG Type)	31

Number of contact	Code
02-10-poles Single	02-10

Plating option	Code
Gold plated	10
Tin plated	50

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

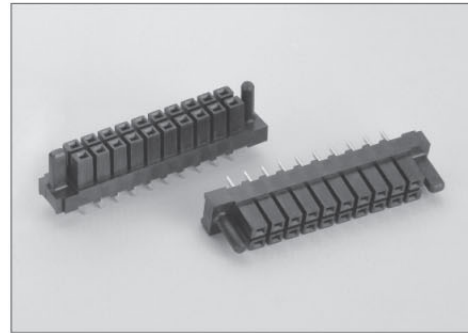
W.E.

935

Isolated Terminal Power Socket 4.19mm Pitch Double Row

Technical Data :

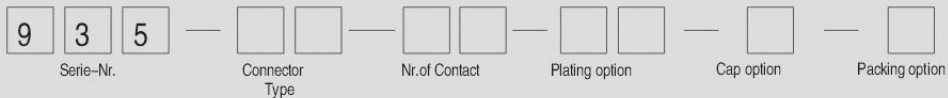
Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	See Table A
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 725V for 1 Minute. DC 1025V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	934 series



RoHS Compliant

<h4>D Type</h4>	<h4>DG Type</h4>	<table border="1"> <thead> <tr> <th colspan="2">Current Rating (Per contact)</th> </tr> <tr> <th>Ambient TEMP</th> <th>Current</th> </tr> </thead> <tbody> <tr> <td>20 °C</td> <td>9.0A</td> </tr> <tr> <td>40 °C</td> <td>7.8A</td> </tr> <tr> <td>60 °C</td> <td>6.5A</td> </tr> <tr> <td>75 °C</td> <td>5.3A</td> </tr> </tbody> </table> <p>4 positions powered</p> <p>Table A</p> <p>S Type PCB Layout</p>	Current Rating (Per contact)		Ambient TEMP	Current	20 °C	9.0A	40 °C	7.8A	60 °C	6.5A	75 °C	5.3A
Current Rating (Per contact)														
Ambient TEMP	Current													
20 °C	9.0A													
40 °C	7.8A													
60 °C	6.5A													
75 °C	5.3A													
<h4>S Type</h4>	<h4>SG Type</h4>	<p>D & G Type PCB Layout</p>												

How to order



Connector Type	Code
Standard Dip (D Type)	10
Standard SMT (S Type)	20
Standard Dip with guide posts (DG Type)	11
Standard SMT with guide posts (SG Type)	21

Number of contact	Code
04-30-poles Double	04-30

Plating option	Code
Gold plated	10
Tin plated	50

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

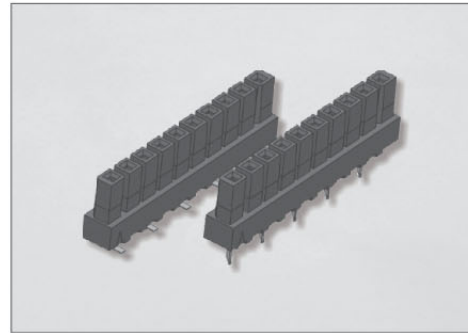
W.E.

935-1

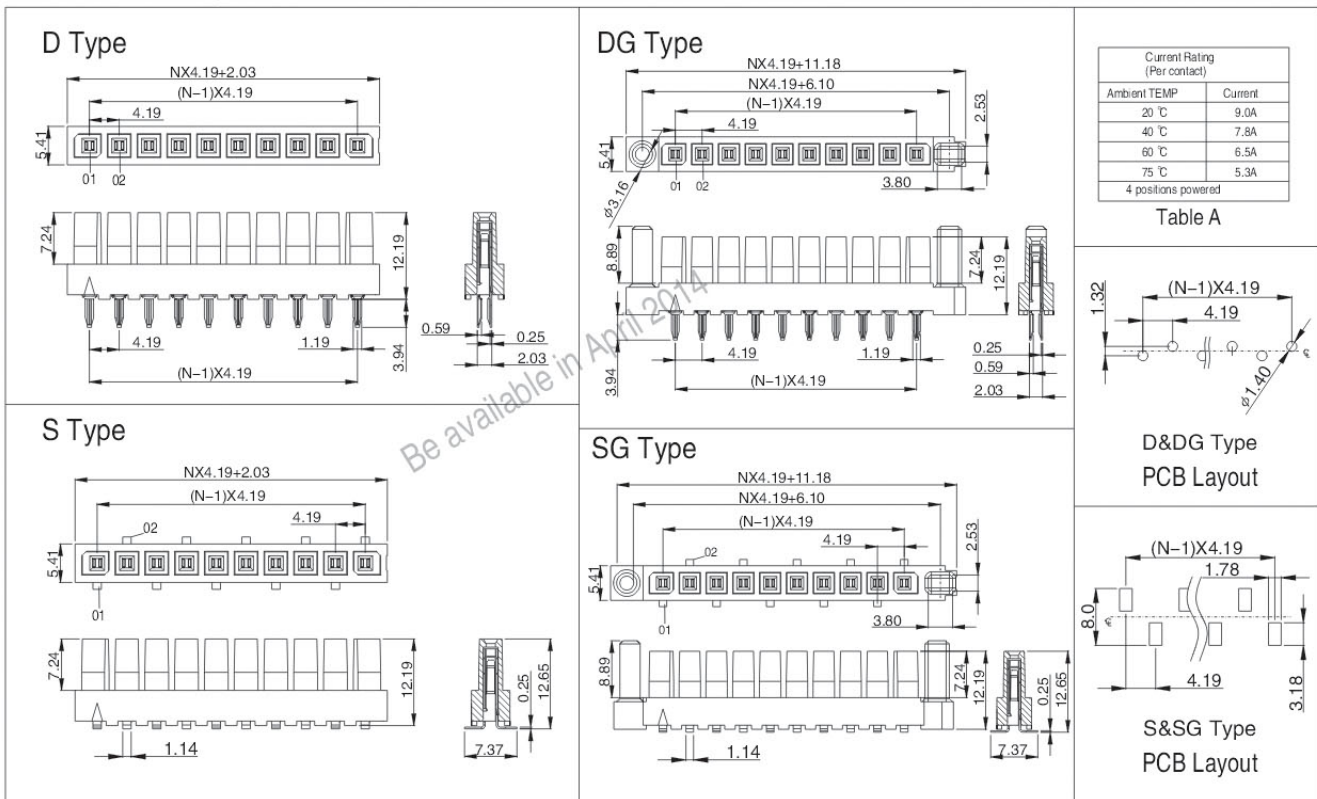
Isolated Terminal Power Socket 4.19mm Pitch Single Row

Technical Data :

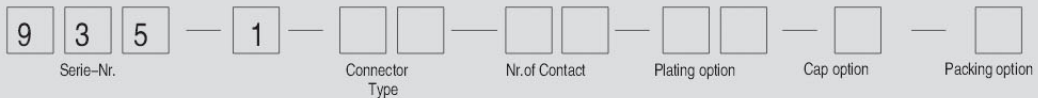
Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	See Table A
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 725V for 1 Minute. DC 1025V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	934-1 series



RoHS Compliant



How to order



Connector Type	Code
Standard Dip (D Type)	10
Standard SMT (S Type)	20
Standard Dip with guide posts (DG Type)	11
Standard SMT with guide posts (SG Type)	21

Number of contact	Code
02-10-poles Single	02-10

Plating option	Code
Gold plated	10
Tin plated	50

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

W.E.

861

0.8mm Pitch Male Header Double Row SMT Type

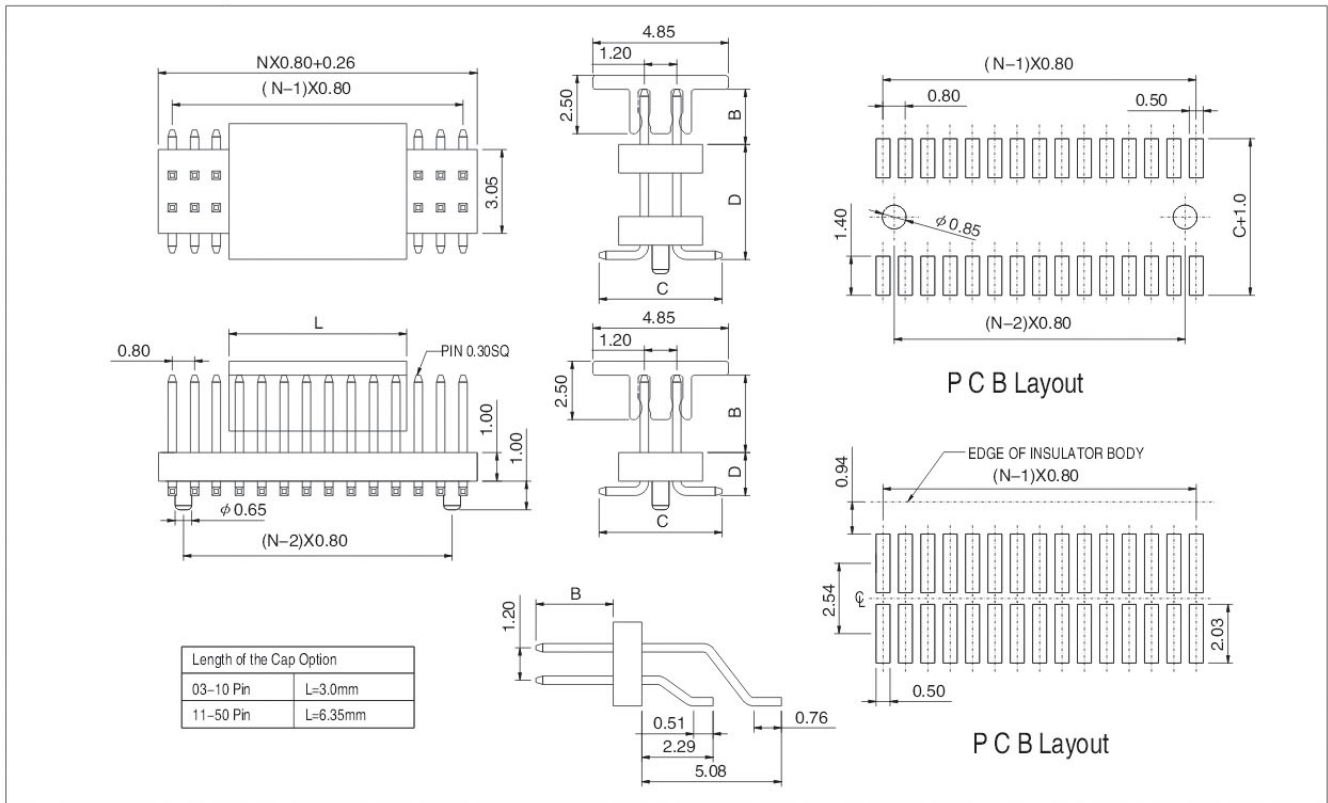
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.30x0.30mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	0.5 Amp
Insulator resistance :	1000 Megohms min
Dielectric withstanding :	AC 300V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.

Mates with : 862



RoHS Compliant



How to order

8 6 1 - [] [] - [] [] - [] [] - [] [] - [] [] - [] []

Series-Nr. Nr. of contact Connector Type Terminal code Plating option Cap Option Packing Location Peg

Number of contact	Code
06-100 Pin	06-100

Terminal code	Dimensions(mm)		
	B	C	D
11	2.70	4.70	1.50
XX/XX/XX	as request		
FOR Eg. B=4.40,C=3.1,D=5.8			
CODE Nr.=4/4/3/1/5.8			

Connector Type	Code
Single Body Vertical	10
Dual Body Vertical	20
Single Body Horizontal	30

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
30u*Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Location Peg Option	Code
W/ Location Peg	10
W/O Location Peg	00
For vertical connector type only	

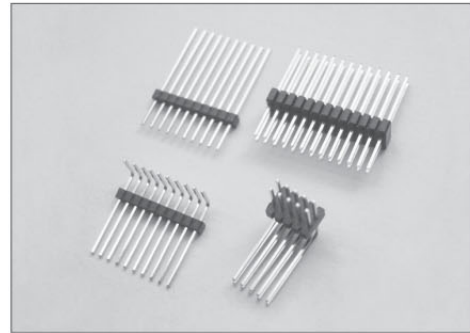
W.E.

596

1.0mm Pitch strip header

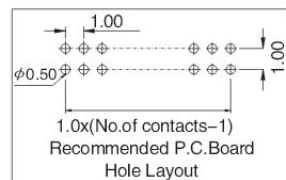
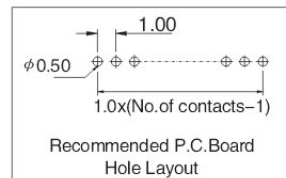
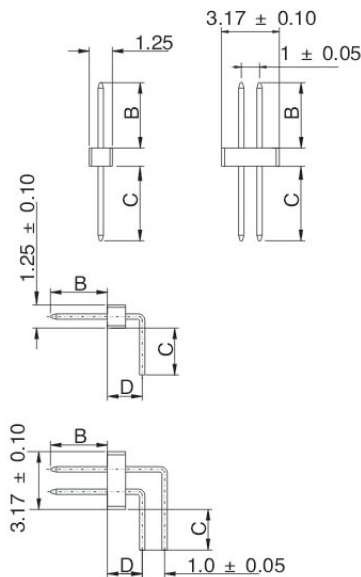
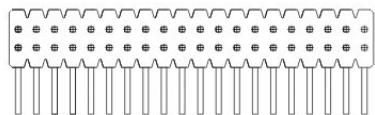
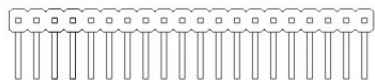
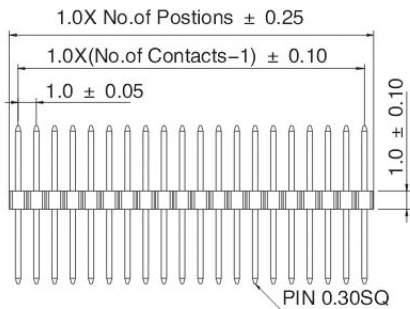
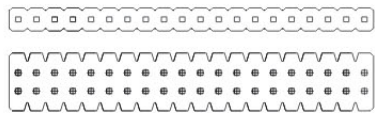
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.30x0.30mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	597



RoHS Compliant

Dip Type



How to order



Nr. of Contact	Code
Single 01-50 Pin	01-50
Double 02-100 pin	02-100

Connector type	Code
Dip type	10
Right angle type	12

Dimension(mm)	Code	
180 ° type		
B	C	
90 ° type		
B	C	D
As request :	XX/XX/XX	
For Eg. B=3.2, C=6.5, D=2.8		
CODE Nr.=3.2/6.5/2.8		

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Profile Option	Code
H=1.0 Single Row	1
H=1.0 Double Row	2
H=1.5 Double Row	3

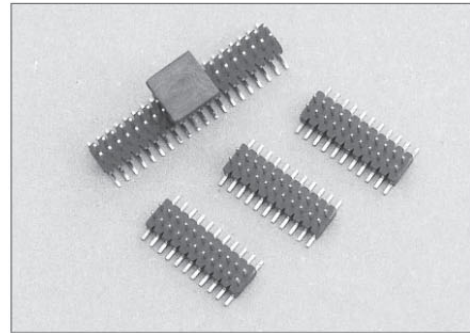
W.E.

596

1.0mm Pitch strip header

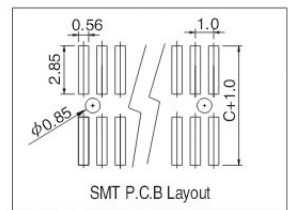
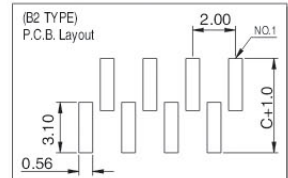
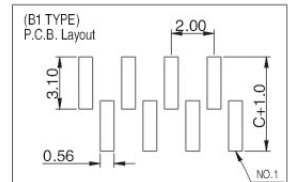
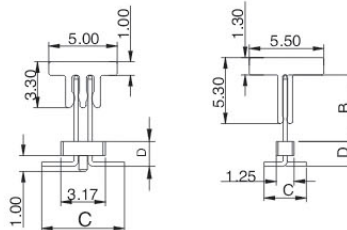
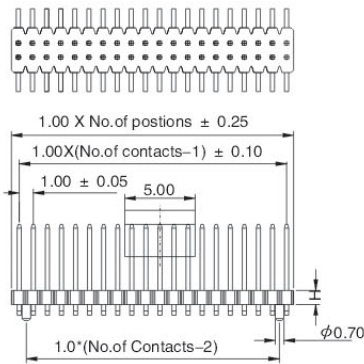
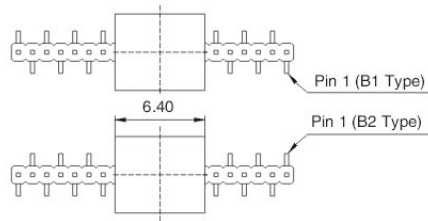
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.30x0.30mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	597

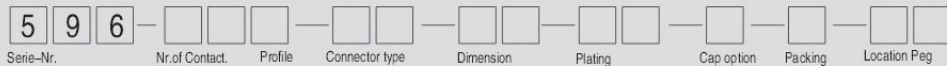


RoHS Compliant

SMT Type



How to order



Nr. of Contact	Code
Single 01-50 Pin	01-50
Double 02-100 pin	02-100

Profile Option	Code
H=1.0 Single Row	1
SMT B1 Type	
H=1.0 Single Row	4
SMT B2 Type	
H=1.0 Double Row	2
H=1.5 Double Row	3

Connector type	Code
SMT type	11

Dimension(mm)	Code
B C D	
As request :	XX/XX/XX
For Eg. B=3.2, C=6.5, D=2.8	
CODE Nr.=3.2/6.5/2.8	

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
T&R	2

Location peg	Code
W/ Location peg	10
W/O Location peg	00
For double row only	

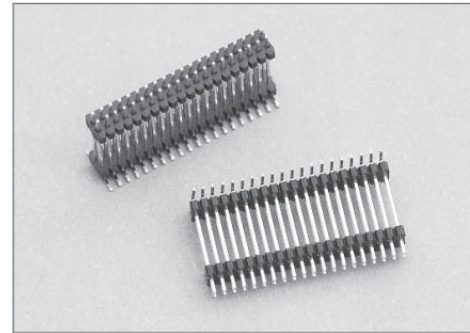
W.E.

596-DB

Pin header strips 1.0mm pitch Dual body Dip & SMT Type

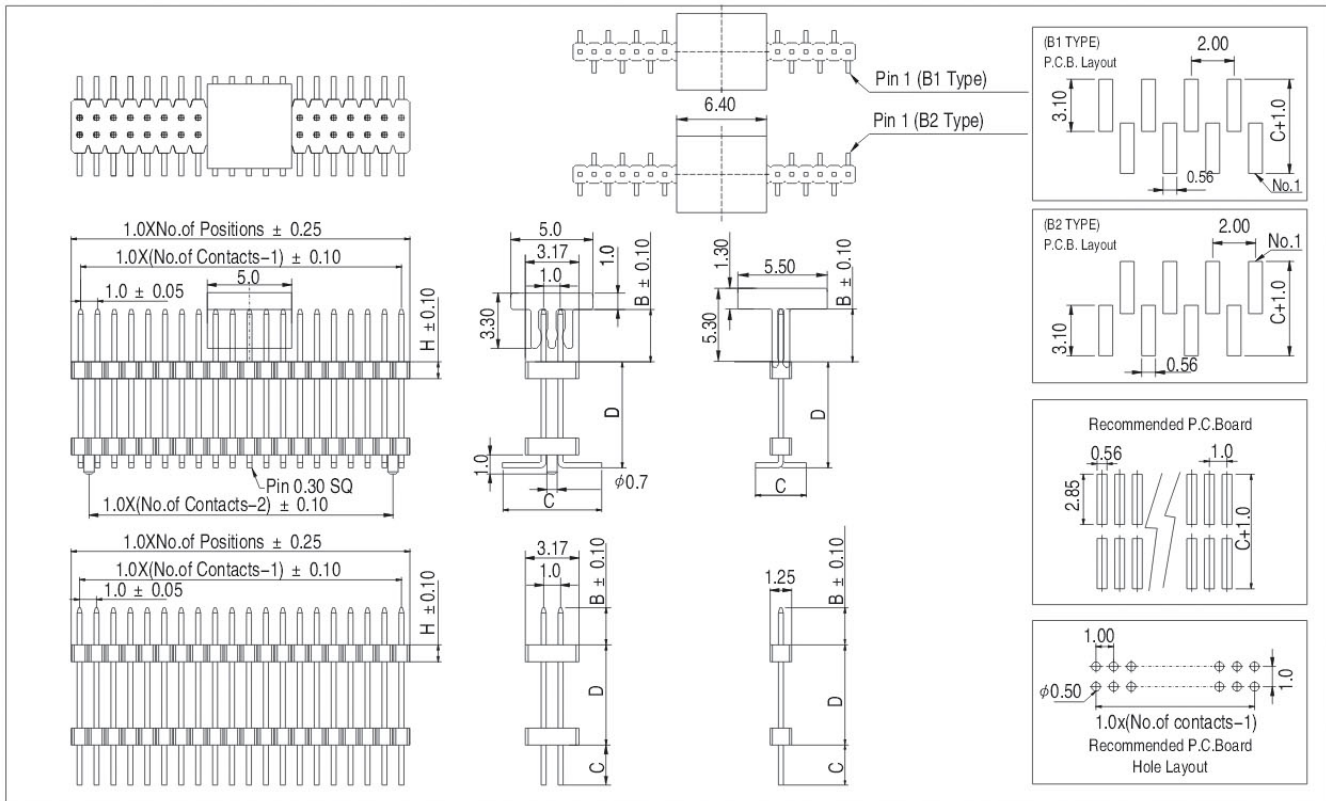
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.30x0.30mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.

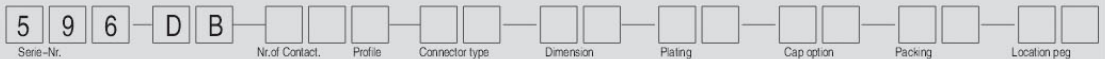


Mates with : 597

RoHS Compliant



How to order



Nr. of Contact	Code
Single 01-50 pin	01-50
Double 02-100 pin	02-100

Profile Option	Code
H=1.0 Single Row	1
Dip Type	
H=1.0 Single Row	
SMT B1 Type	4
H=1.0 Single Row	
SMT B2 Type	
H=1.0 Double Row	2
H=1.5 Double Row	3

Connector type	Code
Dip type	10
SMT type	11

Terminal Code	Dimension		
	B	C	D
XX/XX/XX	As request		
For EG. B=7.0 C=7.8 D=6.5			
Code Nr.=7.0/7.8/6.5			

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2
For SMT Type Only	

Plating option	Code
Dip type	10
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Packing Option	Code
PVC BAG For Dip Type	1
Tube For SMT Type only	2

Location peg Option	Code
W/ Location peg	10
W/O Location peg	00
For double row SMT type only	

W.E.

595

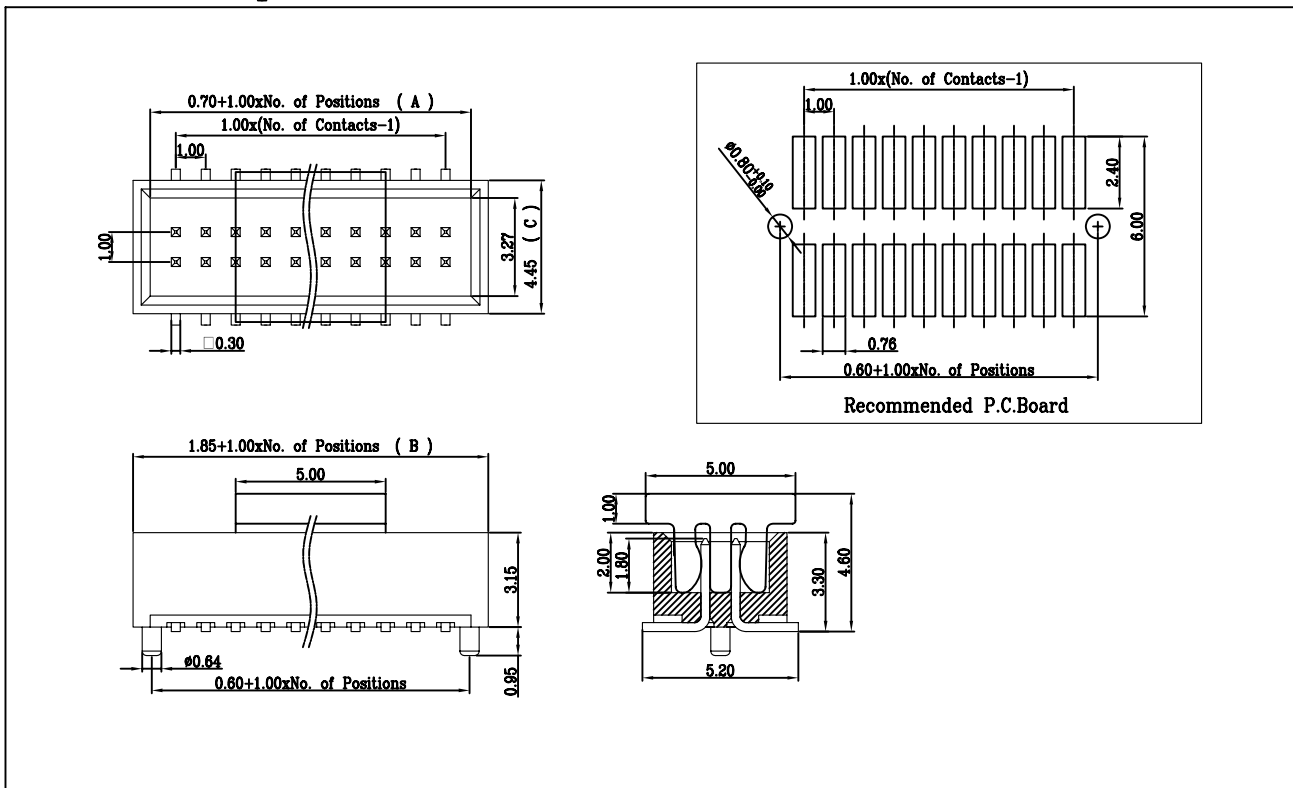
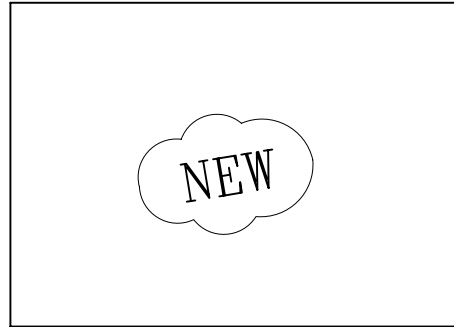
1.0mm SMD Box Header

Technical Data :

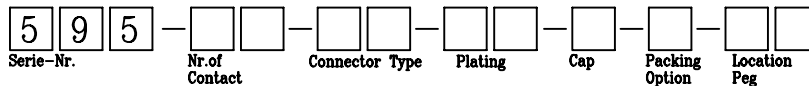
Insulator Material: High Temperature Thermoplastic, UL 94V-0.
 Contact : 0.30x0.30mm
 Contact Material: copper alloy
 Plating: Au or Sn over Nickel
 Current Rating : 1 Amp
 Insulator resistance : 500 Megohms min
 Dielectric withstanding : AC 500V for 1 Minute
 Operating Temperature: -40°C to +105°C.
 Max. processing Temp: 230°C for 30-60 seconds.
 260°C for 10 seconds.

Mates with : 597

RoHS Compliant



How to order



Nr. of Contact	Code
04 To 78 Contacts	04~78

Nr. of Contact	Dimensions(mm)			Code
	A	B	C	
80	41.30	42.45	4.87	80
100	51.30	52.45	4.87	100
80,100 Pin Dimensions Spec.				

Connector Type	Code
Profile : 3.30	10

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Location peg	Code
W/ Location peg	10
W/O Location peg	00

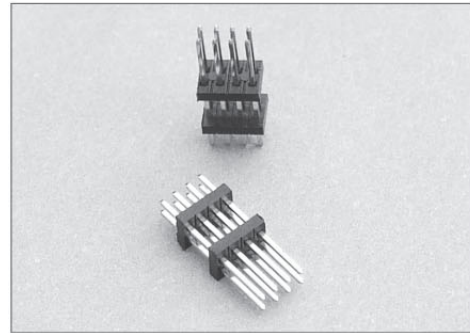
W.E.

608

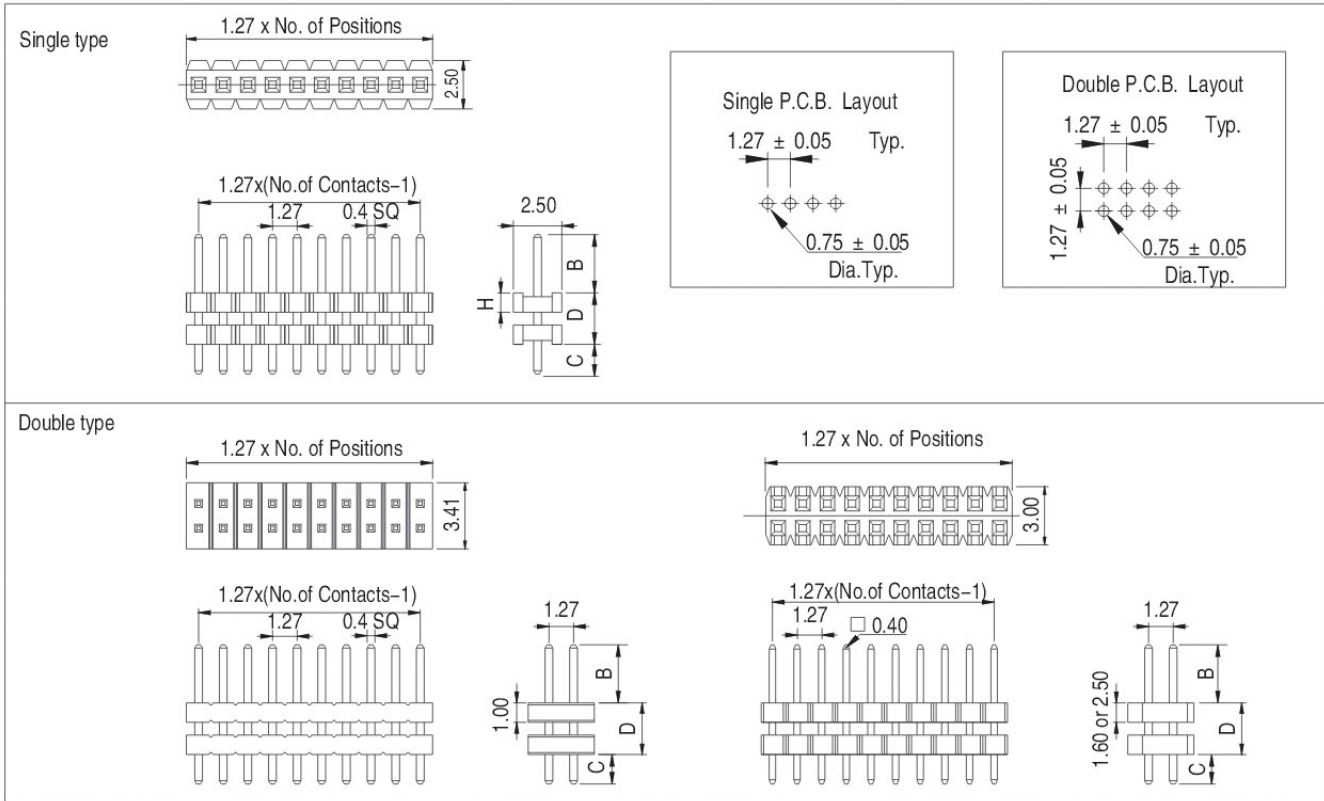
Pin header strips 1.27mm pitch Type 1.27mm X 1.27mm

Technical Data :

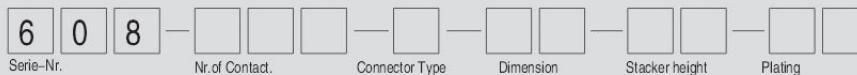
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606,606-1,606-2,613



RoHS Compliant



How to order



Number of contact	Code
Max. single 50 contacts	002-050
Max. Double 100 contacts	004-100

Connector Type	Code
H of Insulator:1.0 Double Row	1
H of Insulator:1.6 Double Row	2
H of Insulator:2.5 Double Row	3
H of Insulator:1.0 Single Row	4
H of Insulator:1.7 Single Row	5
H of Insulator:2.5 Single Row	6

Dimensions	Code
B C	
3.00 2.85	10
1.65 1.14	20
1.65 1.91	30
1.65 2.29	40
as request	xxx/xxx
For Eg. B=3.0,C=2.85	
Code Nr.=3.00/2.85	

Stacker Height D	Code
Stacker Height	xxx
For Eg. 6.35mm	6.35
For Eg. 2.35mm	2.35

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

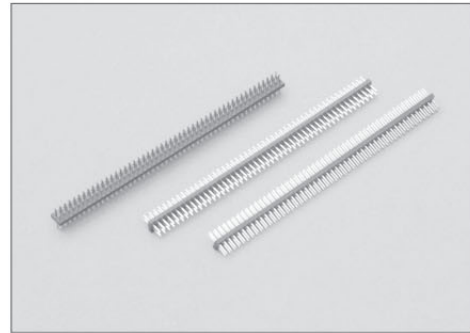
W.E.

607

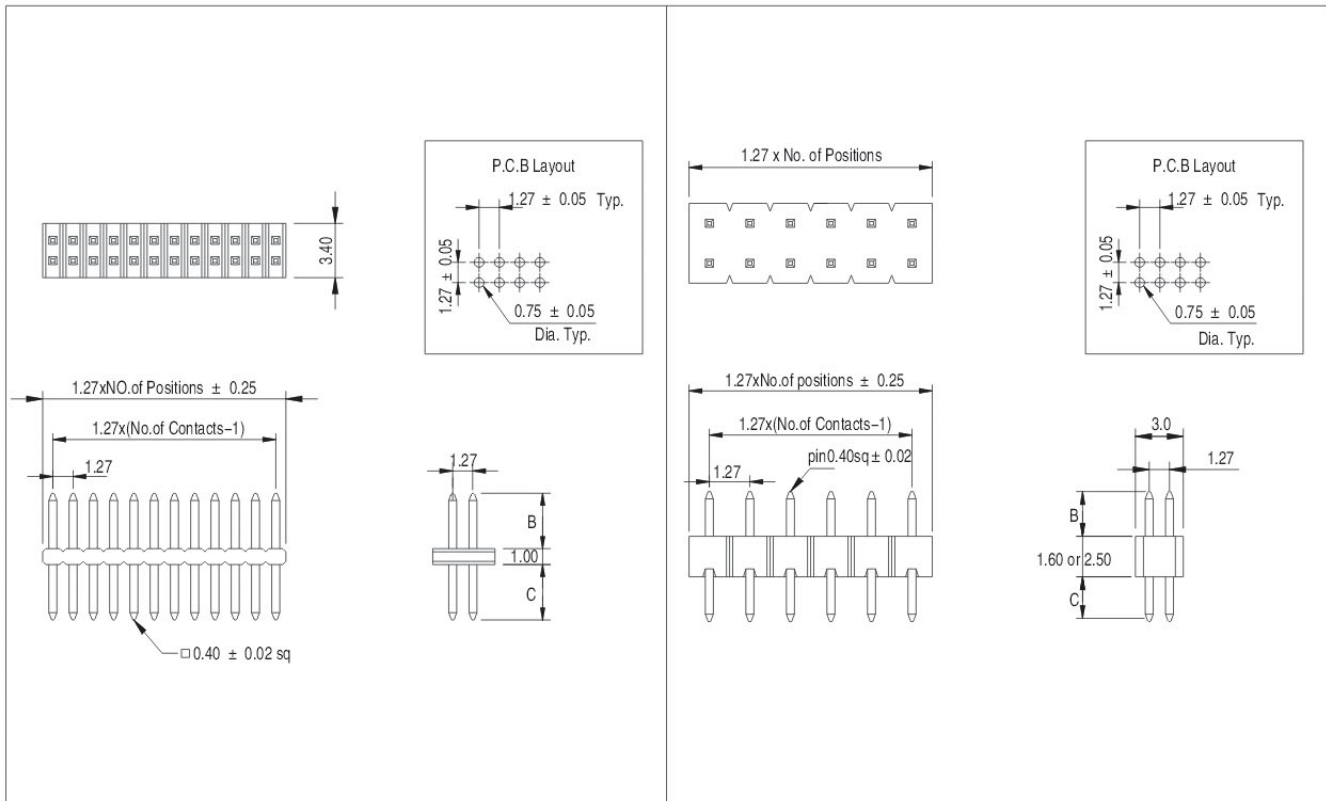
Pin header strip 1.27mm x1.27mm pitch

Technical Data :

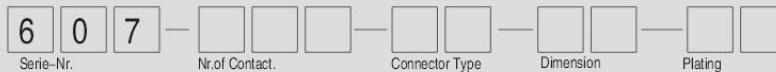
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606,606-1,606-2,613



RoHS Compliant



How to order



Nr. of Contact	Code
Double Row Max.100 contacts	002-100

Connector Type	Code
Height of base 1.0mm	10
Height of base 1.6mm	20
Height of base 2.5mm	30

Dimensions		Code
B	C	
2.7	2.29	10
3.05	2.29	20
1.91	2.29	30
1.65	2.29	40
as request		XX
For EX. B=2.05 C=2.6		
Code Nr. =2.05/2.6		

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

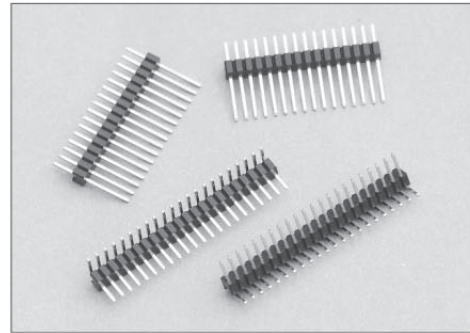
W.E.

607-1

Pin header strip 1.27mm x1.27mm pitch

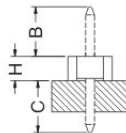
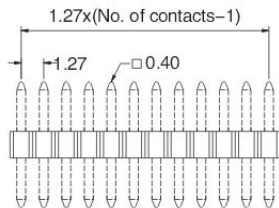
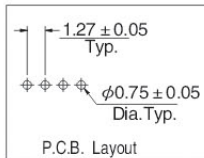
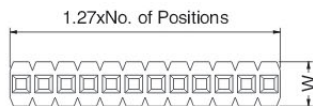
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	606

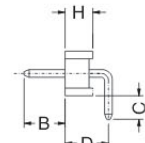
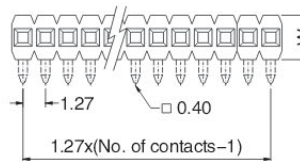
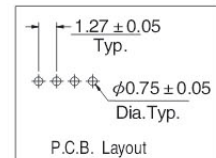
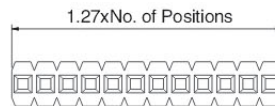


RoHS Compliant

180°



90°



How to order



Nr. of Contact	Code	Connector Type	Code	Dimensions FOR 180 °			Code	Dimensions FOR 90 °			Code	Plating option	Code
Single Row Max. 50 contacts	02-50	Dip Type 180 °	10	B	C			B	C	D		Full gold flash plated	10
Profile: HxW	Code	Dip Type 90 °	11	2.7	2.29	10		2.7	2.29	1.50	10	Tin plated	50
1.0*2.1	A			3.05	2.29	20		3.05	2.29	1.50	20	Selective gold flash plated	60
1.5*2.1	B			1.91	2.29	30		1.91	2.29	2.20	30	10u"Selective gold plated	610
1.7*2.1	C			1.65	2.29	40		1.65	2.29	2.20	40	15u"Selective gold plated	615
2.5*2.1	D			as request		xx/xx		as request		xx/xx/xx		20u"Selective gold plated	620
1.0*2.5	E			For Eg. B=2.05 C=2.6				For Eg. B=2.8 C=2.5 D=2.3				30u"Selective gold plated	630
1.7*2.5	F			Code Nr. =2.05/2.6				Code Nr. =2.8/2.5/2.3					
2.5*2.5	G												
contact: 0.4x0.4													

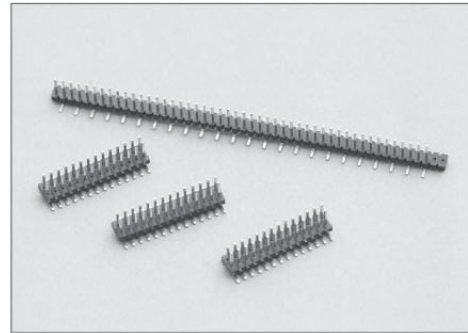
W.E.

609

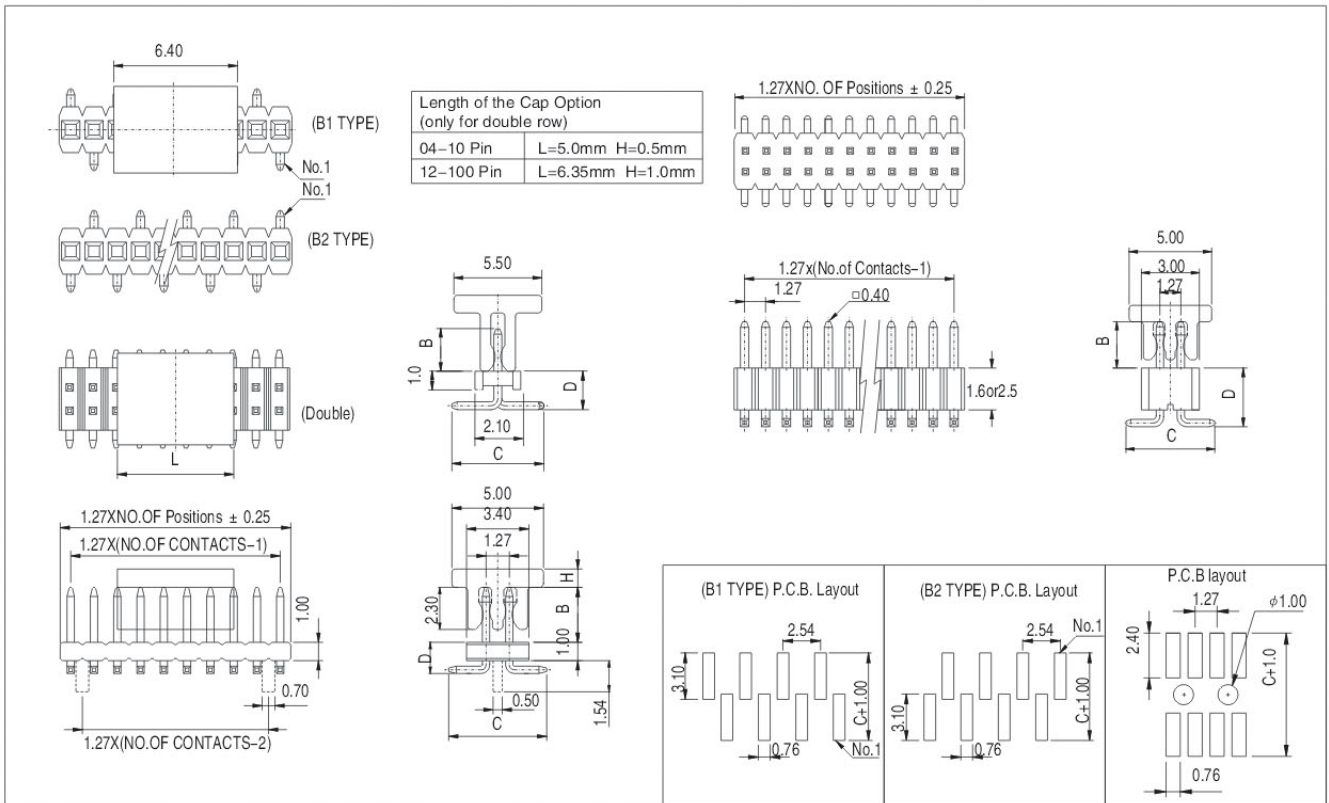
Pin header strip 1.27mm x 1.27mm pitch SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606,606-1,606-2,613



RoHS Compliant



How to order

6
0
9

Serie-Nr. Nr.of Contact. Connector Type Dimension Plating Cap Option Packing Location Peg

Nr. of Contact	Code
Single Row Max. 50 contacts	002-050
Double Row Max. 100 contacts	004-100

Connector Type	Code
Insulator Height:1.0-2'50	1
Insulator Height:1.6-2'50	2
Insulator Height:2.5-2'50	3
Insulator Height:1.0-1'50 B1 Type	41
Insulator Height:1.0-1'50 B2 Type	42
Insulator Height:1.7-1'50 B1 Type	51
Insulator Height:1.7-1'50 B2 Type	52
Insulator Height:2.5-1'50 B1 Type	61
Insulator Height:2.5-1'50 B2 Type	62

Dimensions			Code
B	C	D	
3.0	5.5	1.7	10
6.0	6.5	2.7	20
as request xxx/xxx/xx			
For Eg. B=3.05, C=5.84, D=1.7			
Code Nr. =3.05/5.84/1.7			

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W/ Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location Peg	10
W/O Location Peg	00
For Insulation 1.0 mm Profile Double Row only	

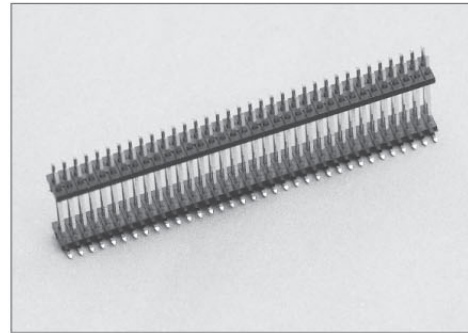
W.E.

610

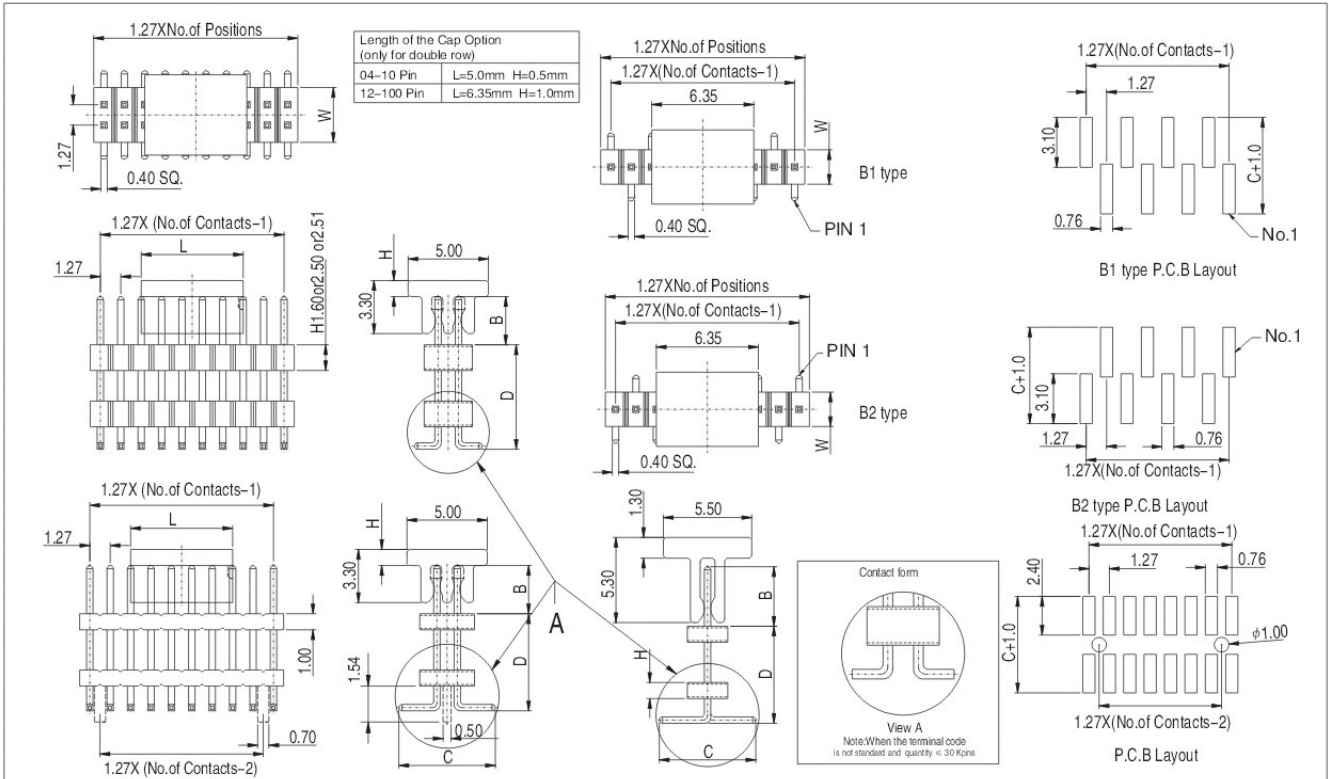
Pin header strips 1.27mm pitch Dual body SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



RoHS Compliant



How to order

6 1 0 — [] — [] — [] — [] — [] — [] — [] — [] — []

Serie-Nr. Nr. of Contact Connector Type Dimension Type Plating Stacker height Cap option Packing Option Location Peg

Number of contact	Code
Single Max. 50 contacts	002-050
Double Max. 100 contacts	004-100

Connector Type (Double Row)	Code
H=1.0 W=3.4	10
H=1.6 W=3.0	20
H=2.5 W=3.0	30
H=2.51 W=3.43	40

Connector Type (Single Row W=2.1)	Code
H=1.0*W B1 Type	A1
H=1.0*W B2 Type	A2
H=1.5*W B1 Type	A3
H=1.5*W B2 Type	A4
H=1.7*W B1 Type	A5
H=1.7*W B2 Type	A6
H=2.5*W B1 Type	A7
H=2.5*W B2 Type	A8

Connector Type (Single Row W=2.5)	Code
H=1.0*W B1 Type	B1
H=1.0*W B2 Type	B2
H=1.5*W B1 Type	B3
H=1.5*W B2 Type	B4
H=1.7*W B1 Type	B5
H=1.7*W B2 Type	B6
H=2.5*W B1 Type	B7
H=2.5*W B2 Type	B8

Dimensions(mm)		Code
B	C	
as request		xx/xx
For Eg. B=3.0,C=5.5		
Code Nr.=3.00/5.50		

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Stacker Height D	Code
Stacker Height	xxx
For Eg. 6.35	6.35
For Eg. 2.60	2.60

Pick & Place pad	Code
W/ Cap	1
W/O Cap	2
W/Small Cap	1S

Packing option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location Peg	10
W/O Location Peg	00
For insulation 1.0mm profile Double Row only	

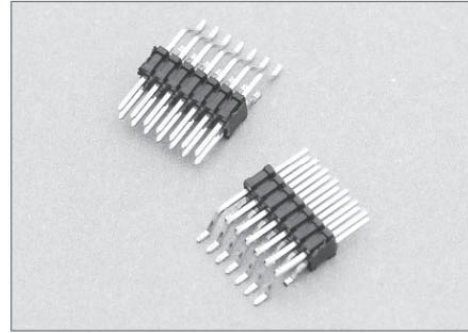
W.E.

609A

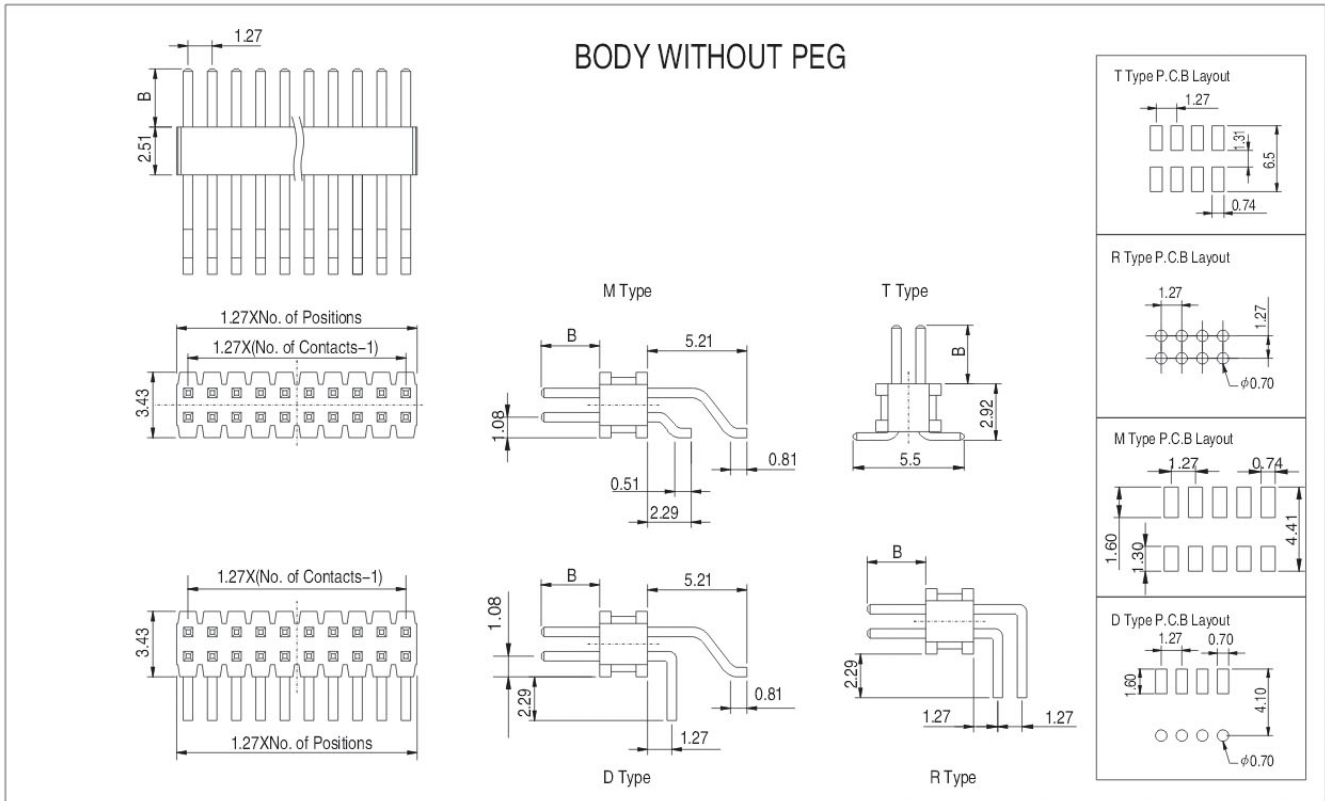
Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 1.27mm pitch

Technical Data :

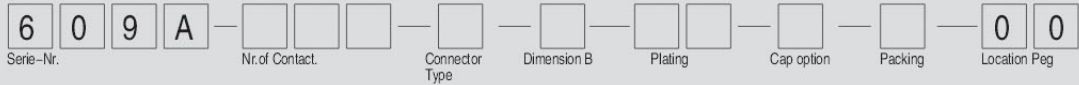
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	613 & □ 1.27 mm Pitch Female Header



RoHS Compliant



How to order



Nr. of Contact	Code
Double Row Max. 100 contacts	004-070

Connector Type	Code
D Type	1
M Type	2
T Type	3
R Type	4

Dimensions(mm)	Code
B	
3.05	1
1.91	2
1.65	3
3.81	4

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W / Cap	1
W / O Cap	2
Packing option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/O Location Peg	00

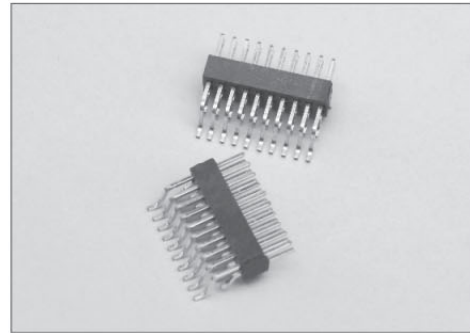
W.E.

609A

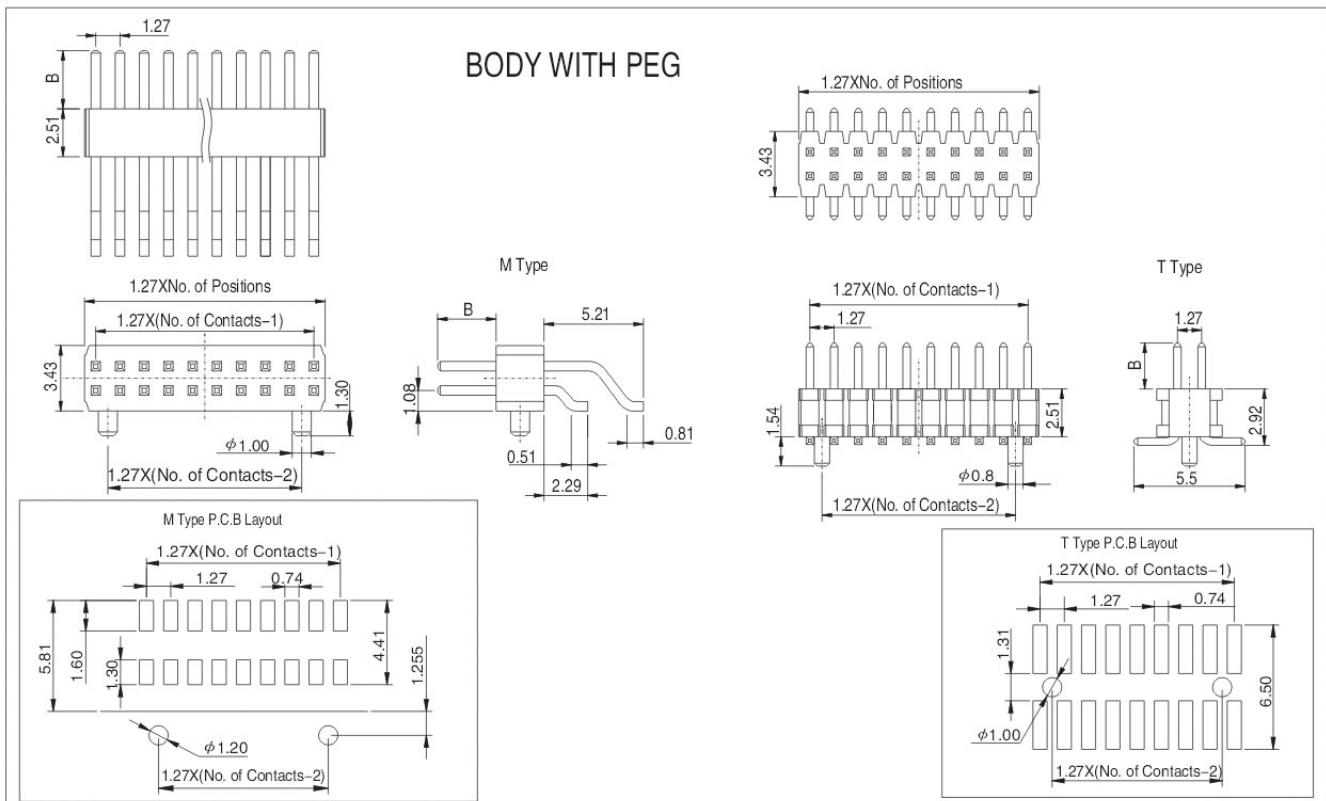
Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 1.27mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	613 & □ 1.27 mm Pitch Female Header



RoHS Compliant



How to order



Nr. of Contact	Code
Double Row Max. 100 contacts	004-070

Connector Type	Code
D Type	1
M Type	2
T Type	3
R Type	4

Dimensions(mm)	Code
B	
3.05	1
1.91	2
1.65	3
3.81	4

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W/ Cap	1
W/O Cap	2
Packing option	Code
Tube	1
Tape & Reel	2
Location Peg	Code
W/ Location Peg	10

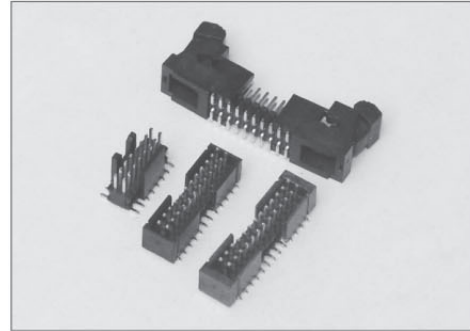
W.E.

609B

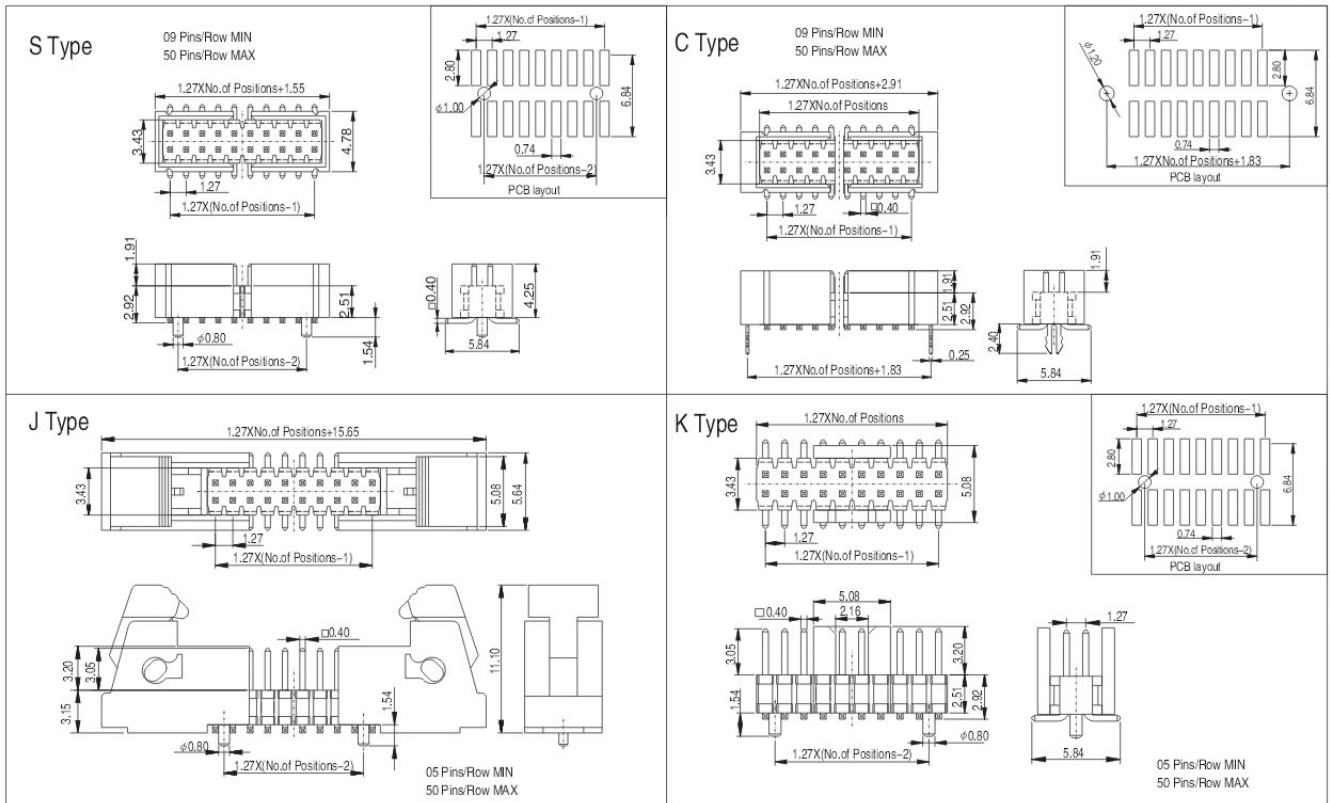
Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 1.27mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	S,C Type mates with 605,606,&134. J,K Type mates with 134



RoHS Compliant



How to order



Nr. of Contact	Code
Double Row Max. 100 contacts	010-100
Connector Type	Code
S Type	1
J Type	2
C Type	3
K Type	4

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W/ Cap	1
W/ O Cap	2
Packing option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Locatoin Peg	10
W/O Locatoin Peg	00

* Dip solder Type are Available

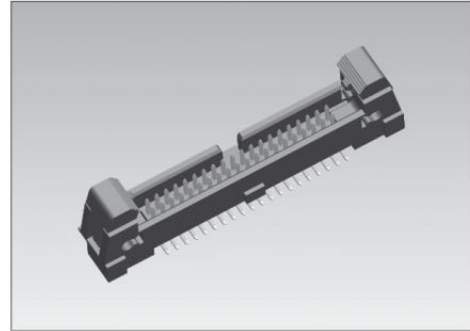
W.E.

609B-1

Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 1.27mm pitch

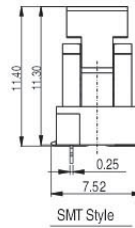
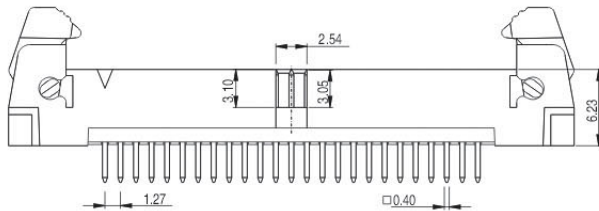
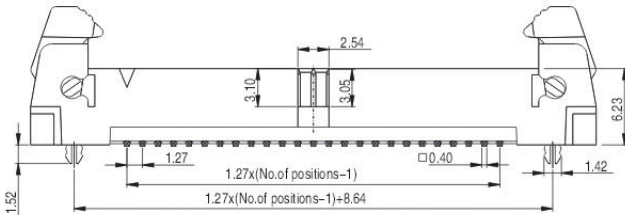
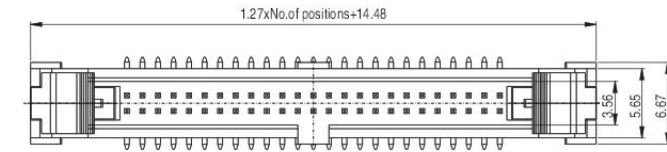
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Mates with 134

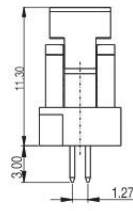


RoHS Compliant

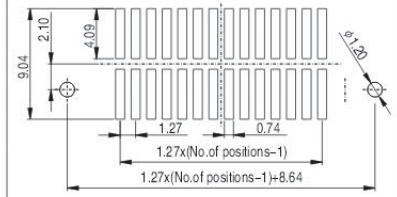
New J Type



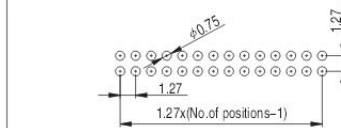
SMT Style



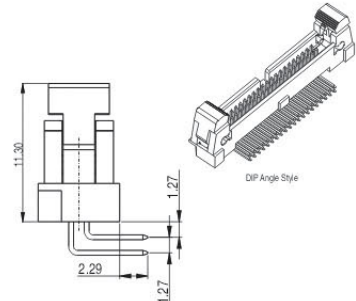
DIP Straight Style



P.C.B Layout(SMT)

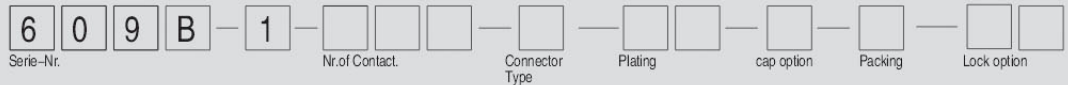


P.C.B Layout(DIP)



DIP Angle Style

How to order



Nr. of Contact
10. 12. 14. 20. 26. 30. 40. 50. 64

Connector Type	Code
New J Type DIP Straight Style	1
New J Type DIP Angle Style	2
New J Type SMT Style	3

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Pick & Place pad	Code
W/ Cap	1
W/ O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Lock option	Code
W/ Lock	10
W/O Lock	00

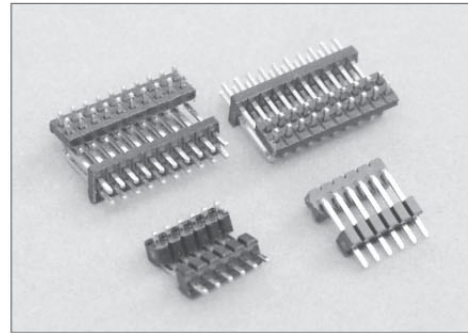
W.E.

608-2

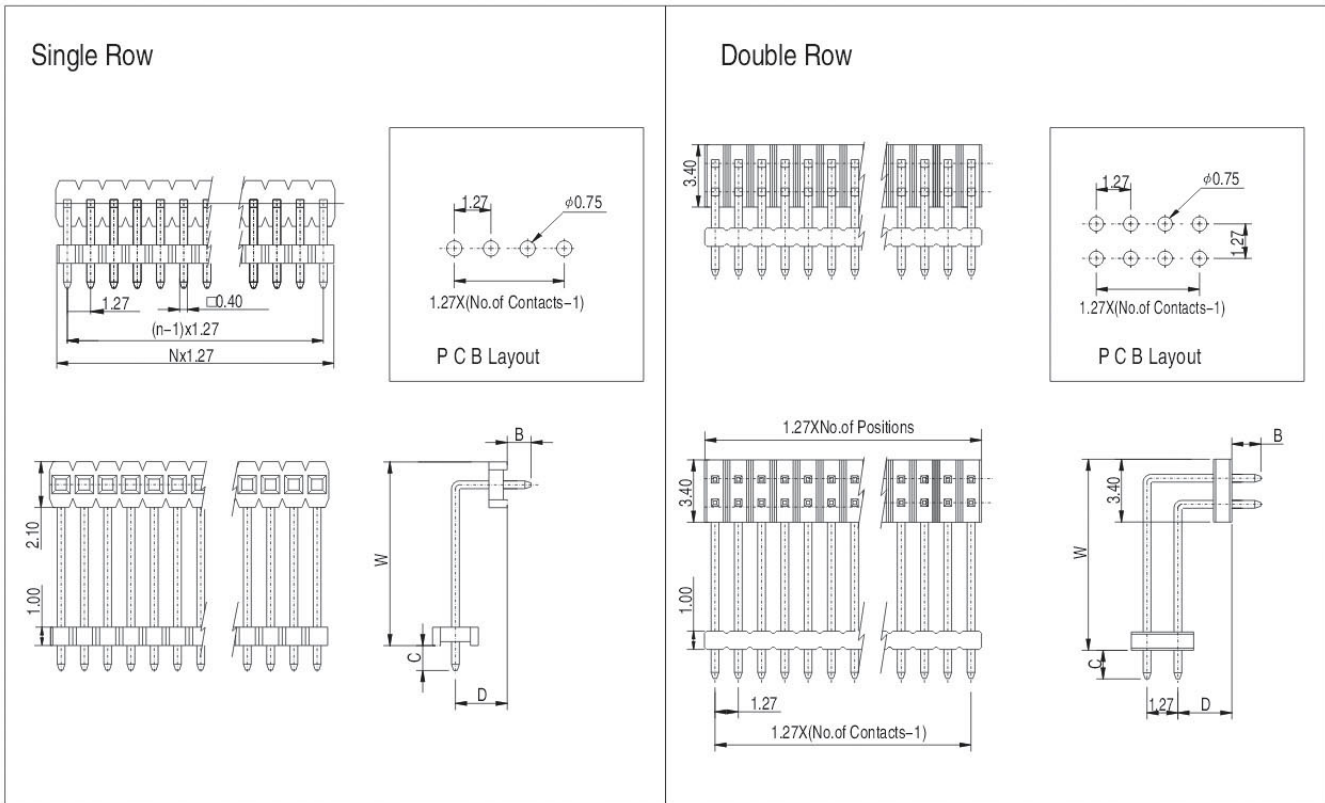
Pin-Header-Strips-Single/Double row-1.27mm Right angle

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



RoHS Compliant



How to order



Terminal code	Dimensions(mm)			
	B	C	D	W
12	3.10	3.30	3.80	7.00
13	3.10	3.30	3.80	8.50
XX/XX/XX	as request			
FOR Eg. B=4.15,C=3.2,D=5.0,W=6.2				
CODE Nr.=4.15/3.2/5.0/6.2				

Number of contact	Code
01-50 Single	02-50
04-100 Double	04-100

Number of Row	Code
Single Row	1
Double Row	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

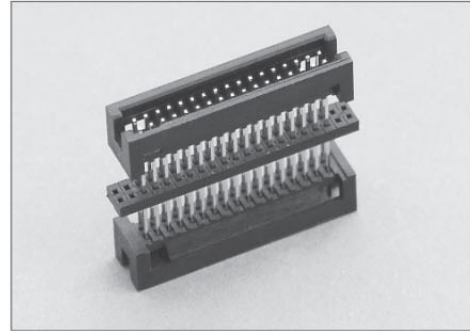
W.E.

611-D

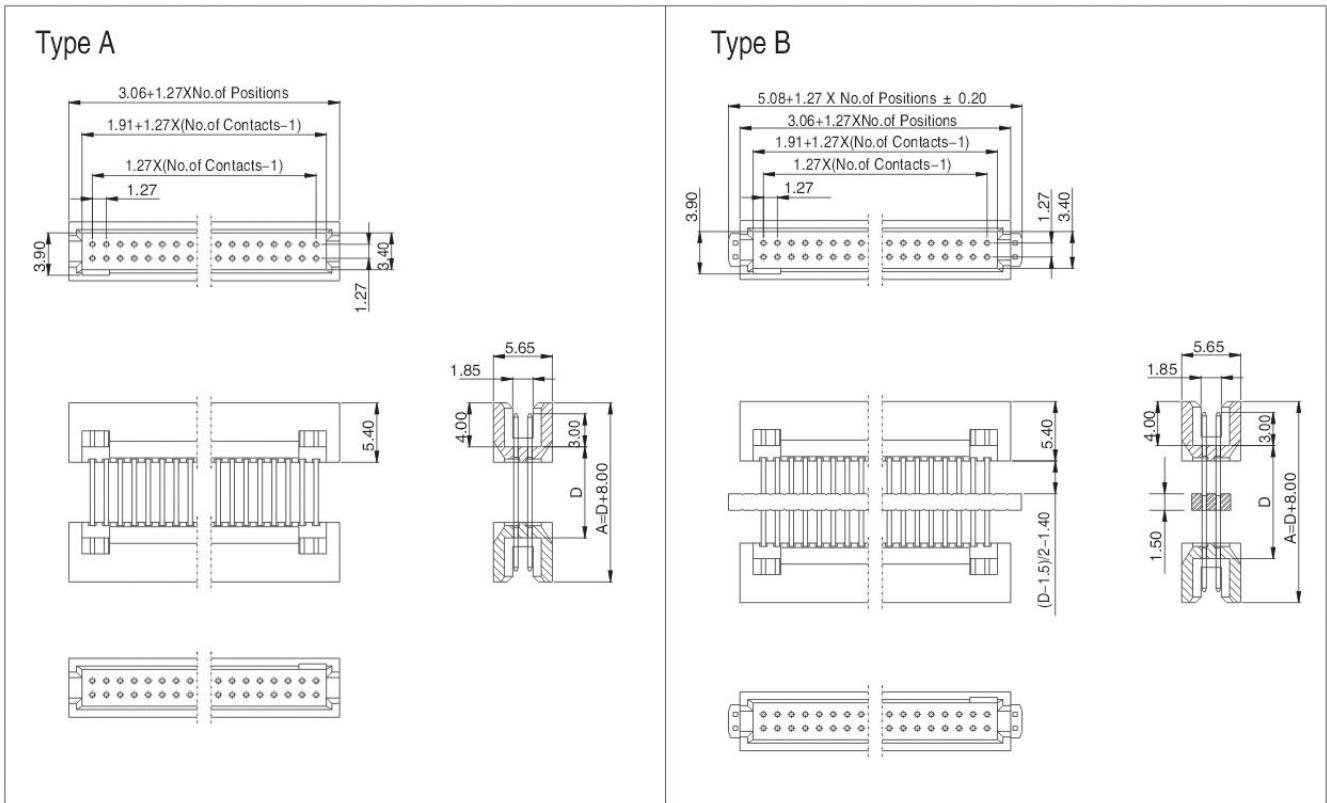
1.27mm BOARD STACKER

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606



RoHS Compliant



How to order



Nr. of Contacts
10 to 100 Contacts

Connector Type	Code
Type A	1
Type B	2

Dimension		
A	D	Code
22.50	14.50	10
As request		XX
For Eg,A=24 D=16		
Code Nr.=24/16		

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

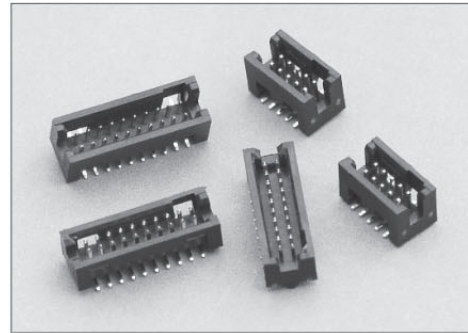
W.E.

611

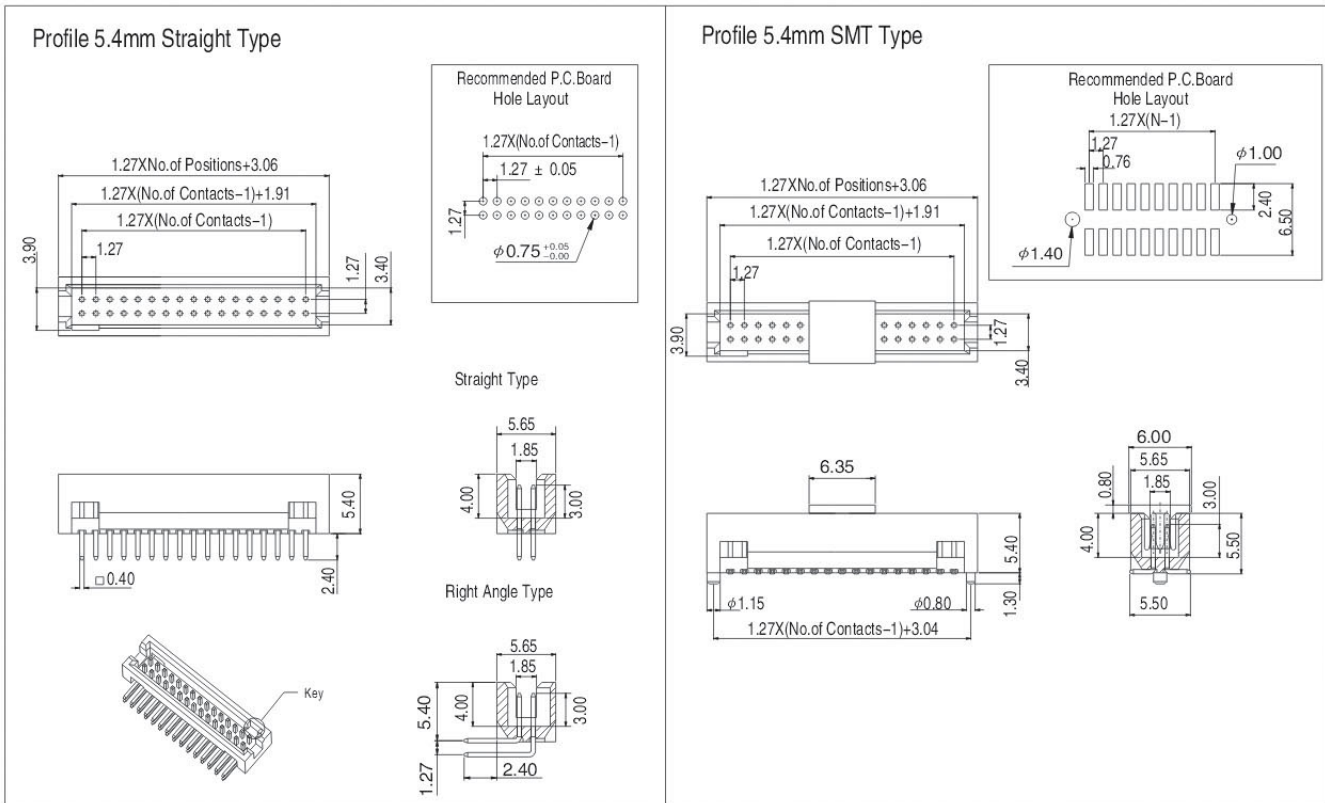
Pin Header 1.27mm x1.27mm Board Spacer Box Type

Technical Data :

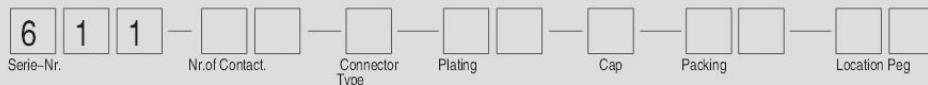
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606



RoHS Compliant



How to order



Nr. of Contact	Code
010-100	010-100

Connector Type	Code
Right Angle Type	1
Straight Type	2
SMT Type	3

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Pick & Place Cap	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Packing Option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Locatoin Peg	10
W/O Locatoin Peg	00
For SMT type only	

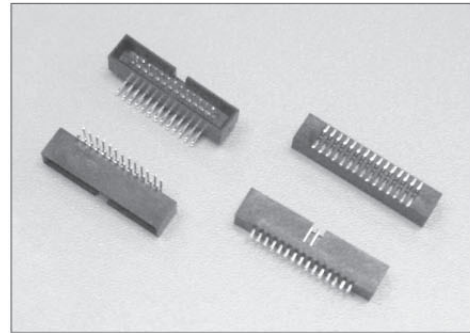
W.E.

611-2

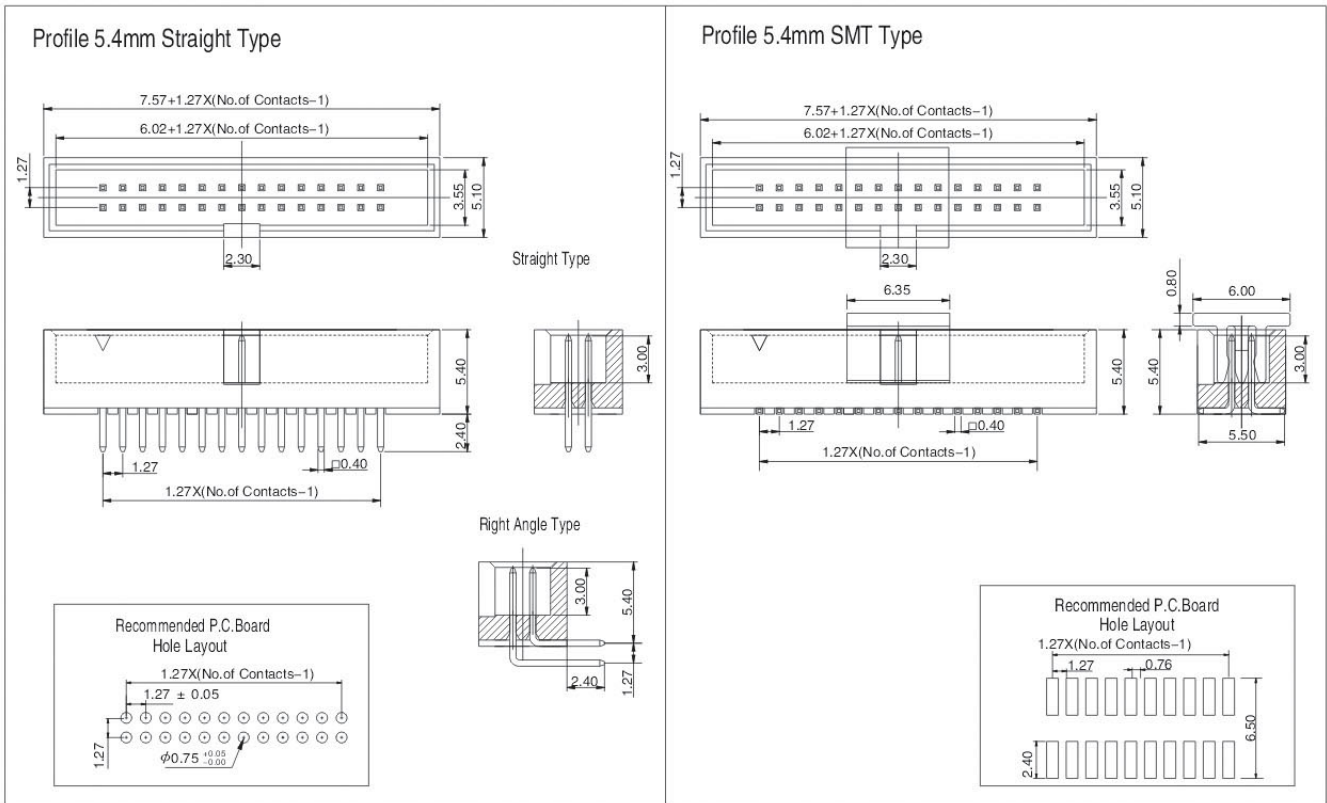
Pin Header 1.27mm x1.27mm Board Spacer Box Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	134 ,IDC Socket



RoHS Compliant



How to order



Nr. of Contact	Code
010-100	010-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Cap	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Connector Type	Code
Right Angle Type	1
Straight Type	2
SMT Type	3

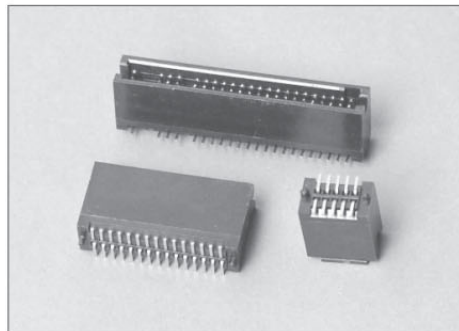
W.E.

611-1

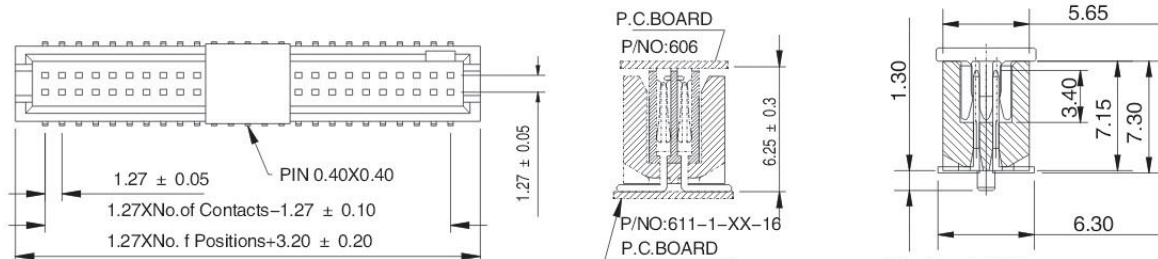
Box Header 1.27x1.27mm Board to Board SMT Type

Technical Data :

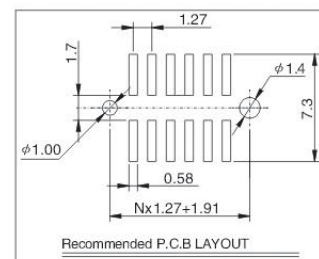
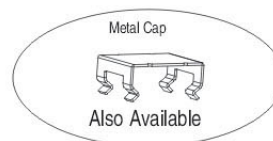
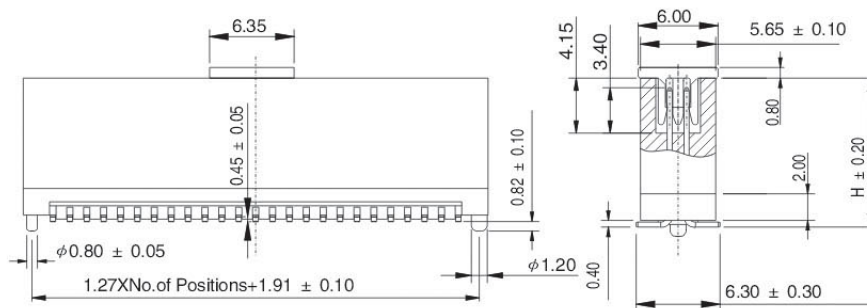
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606



RoHS Compliant

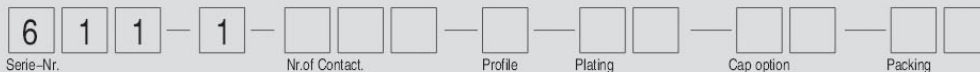


Profile: H7.3mm



Recommended P.C.B LAYOUT

How to order



Nr. of Contact	Code
010-100	010-100

Profile : H	Code	Profile : H	Code
7.3	2	12.7	10
9.5	3	14.6	11
9.9	4	15.7	12
10.1	5	16.1	13
11.2	6	5.75	16
11.5	7	10.90	17
11.7	8	6.10	18
12.0	9	17.80	19

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

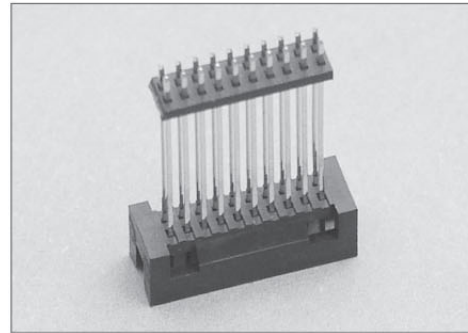
W.E.

612

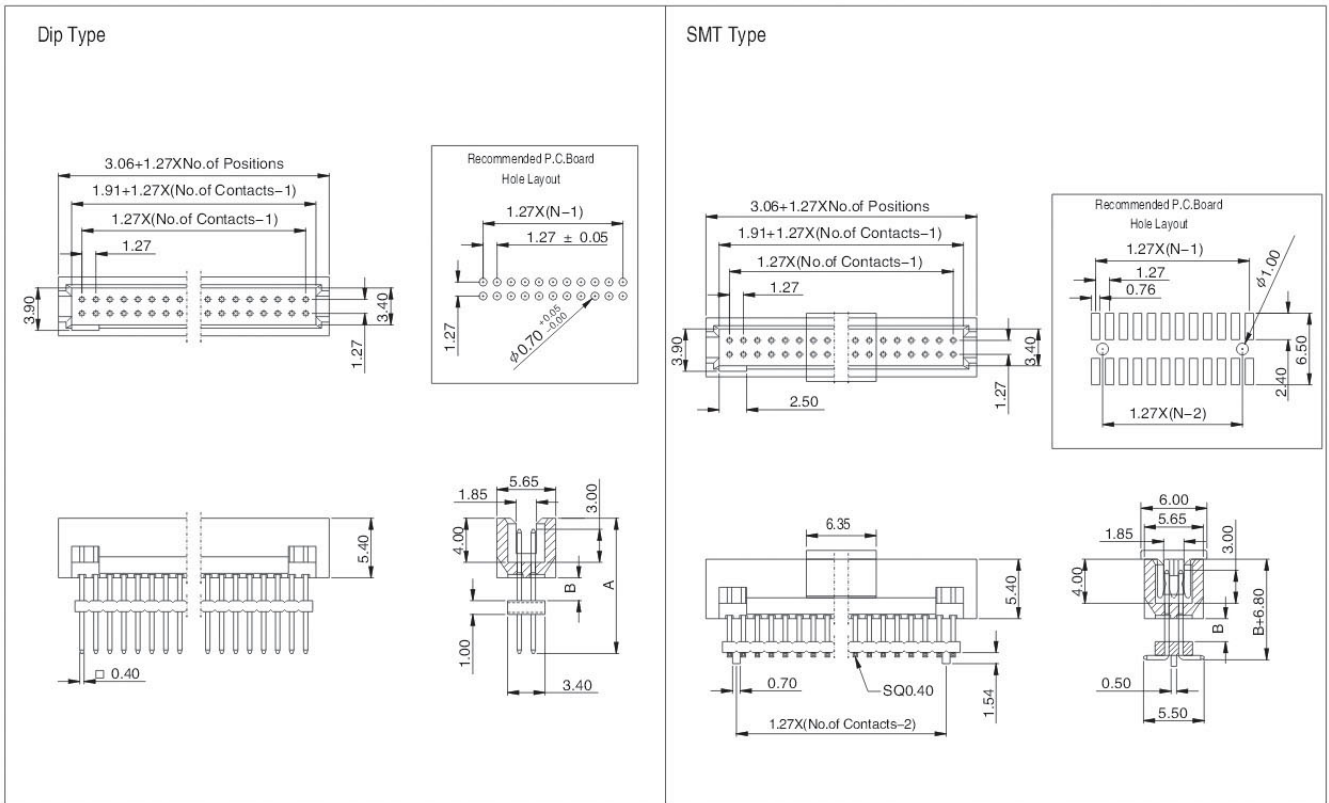
Pin Header 1.27mm x1.27mm Board Spacer Box Type

Technical Data :

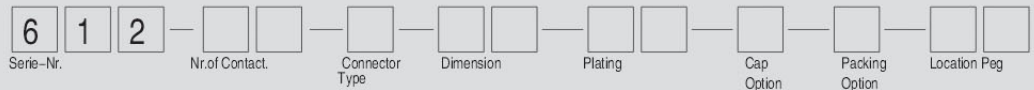
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	605,606 Female Header



RoHS Compliant



How to order



Nr. of Contact	Code
010-100	010-100

Connector Type	Code
Dip Type	1
SMT Type	2

Dimensions(Dip)		Code
A	B	
9.2	1.0	10
10.5	1.0	20
as request		XX
Eg. A=15.0 B=2.4		Code Nr.=15.0/2.4

Dimensions(SMT)	Code
B	
1.0	10
1.5	20
as request	XX
Eg. B=2.4	
Code Nr.=2.4	

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630
Location Peg(For SMT Type)	Code
W/ Locatoin Peg	10
W/O Locatoin Peg	00

Cap option	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	
Packing Option	Code
Tube	1
Tape & Reel	2

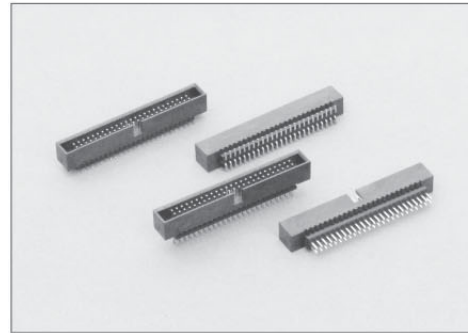
W.E.

612-1

Pin Header 1.27mm x1.27mm Board Spacer Box Type

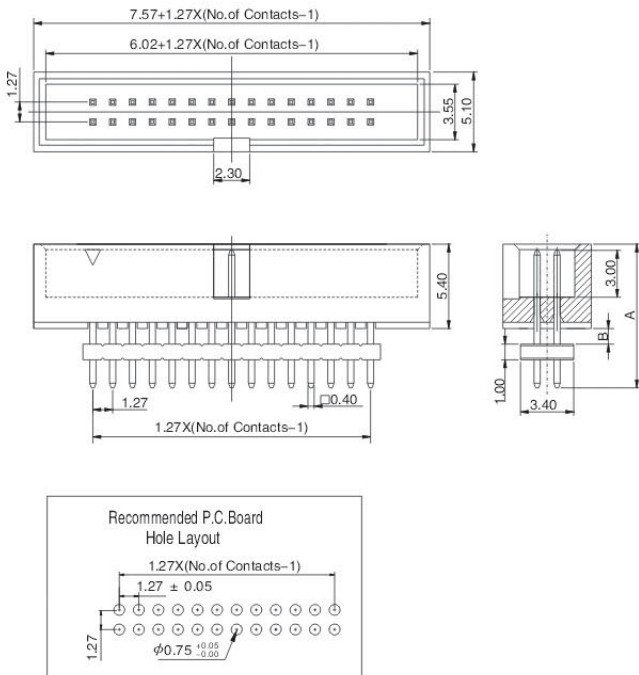
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	134, IDC Socket

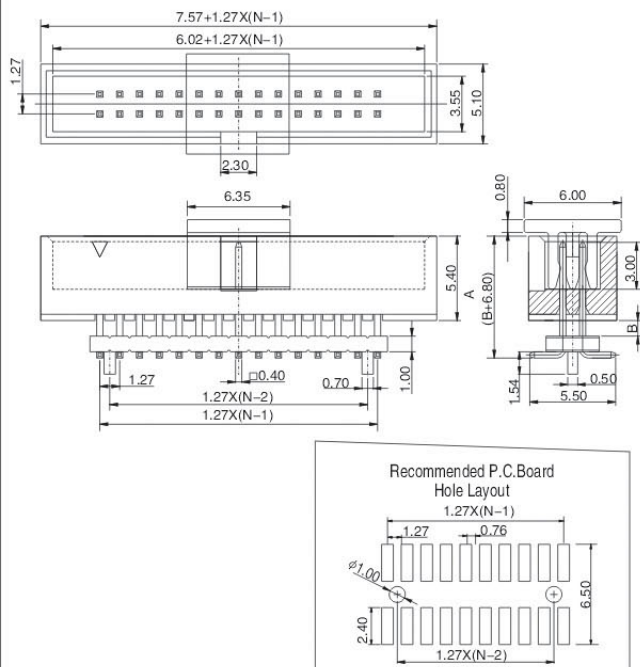


RoHS Compliant

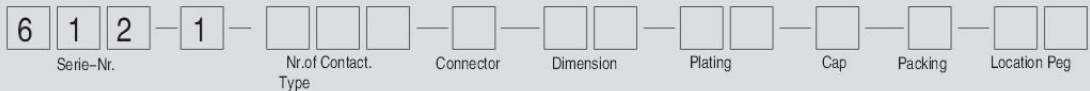
Profile 5.4mm Straight Type



Profile 5.4mm SMT Type



How to order



Nr. of Contact	Code
010-100	010-100

Connector Type	Code
Straight Type	1
SMT Type	2

Dimensions(Straight)		Code
A	B	
9.2	1.0	10
10.5	1.0	20
as request		XX
Eg. A=15.0 B=2.4 Code Nr.=15.0/2.4		

Dimensions(SMT)		Code
B		
1.0		10
1.5		20
as request		XX
Eg. B=2.4 Code Nr.=2.4		

Pick & Place Cap	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Packing Option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location Peg	10
W/O Location Peg	00
Only for SMT Type	

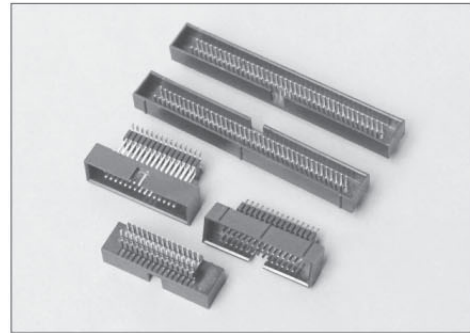
W.E.

378

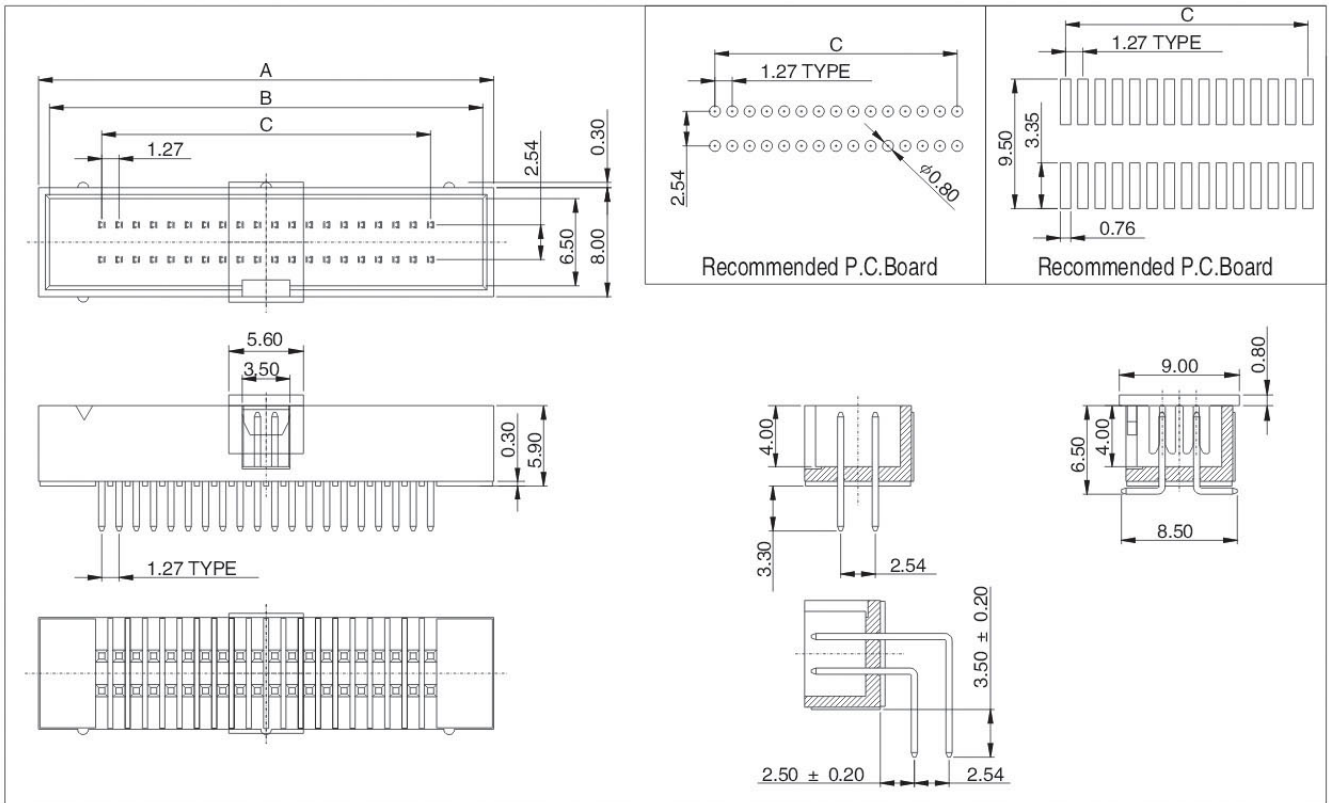
Low Profile header 1.27mmx2.54mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	377, IDC Socket



RoHS Compliant



How to order



Nr.of contact	Dimensions(mm)			code
	A	B	C	
20	20.70	19.10	11.43	20
26	24.51	22.91	15.24	26
30	27.05	25.45	17.78	30
34	29.59	27.99	20.32	34
40	33.40	31.80	24.13	40

Nr.of contact	Dimensions(mm)			code
	A	B	C	
50	39.75	38.15	30.48	50
60	46.10	44.50	36.83	60
68	51.18	49.58	41.91	68
80	58.80	57.20	49.53	80
100	71.50	69.90	62.23	100

Connector Type	Code
Dip solder straight	1
Dip solder angle	2
SMT Style	3

Cap option	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Plating Option	Code
Gold plated	10
Tin plated	60
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing Option	Code
Tube	1
Tape & Reel	2

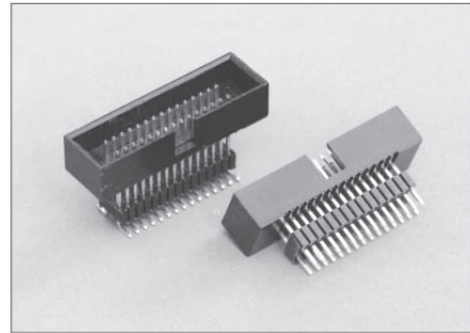
W.E.

378-1

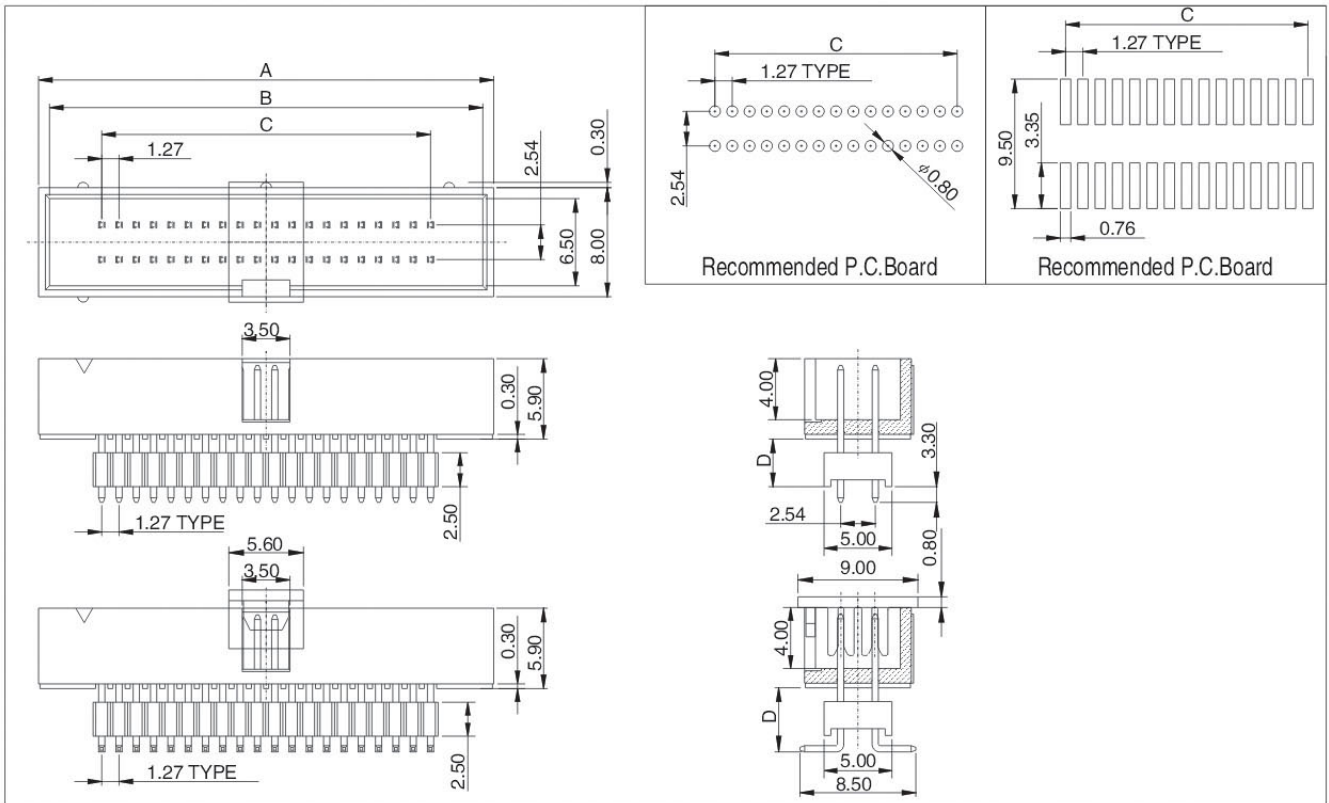
Low Profile header 1.27mmx2.54mm

Technical Data :

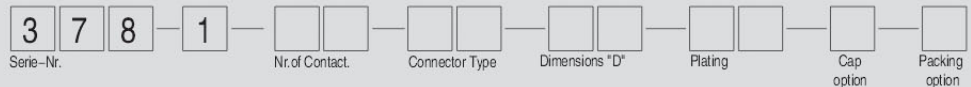
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	377, IDC Socket



RoHS Compliant



How to order



Nr.of contact	Dimensions(mm)			code
	A	B	C	
20	20.70	19.10	11.43	20
26	24.51	22.91	15.24	26
30	27.05	25.45	17.78	30
34	29.59	27.99	20.32	34
40	33.40	31.80	24.13	40

Nr.of contact	Dimensions(mm)			code
	A	B	C	
50	39.75	38.15	30.48	50
60	46.10	44.50	36.83	60
68	51.18	49.58	41.91	68
80	58.80	57.20	49.53	80
100	71.50	69.90	62.23	100

Connector Type	Code
Dip solder straight	1
SMT Style	2

Dimensions "D"	Code
As request For Eg. D=4.05 Code Nr.=4.05	XX

Plating Option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Cap option	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Packing Option	Code
Tube	1
Tape & Reel	2

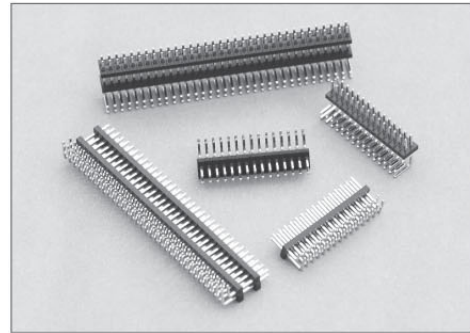
W.E.

600-5, 600-6

Pin-Header-Strips-Double row-1.27mmx1.27mm pitch-Right angle

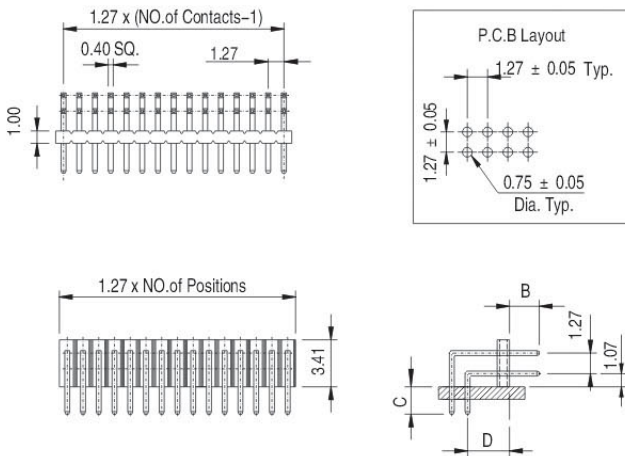
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.40x0.40mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	606-1, 613 and 1.27mm Female header

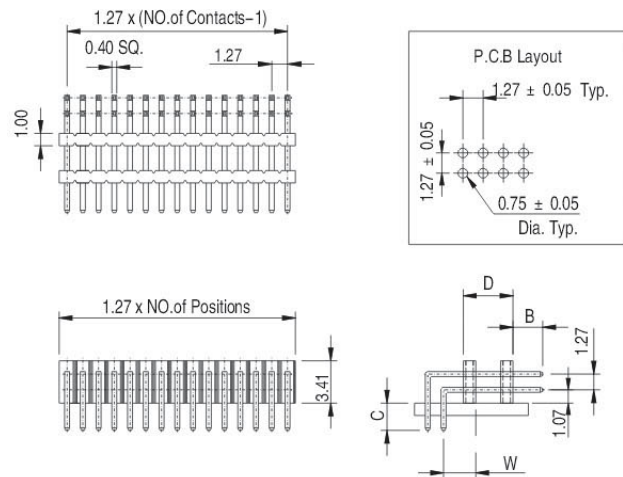


RoHS Compliant

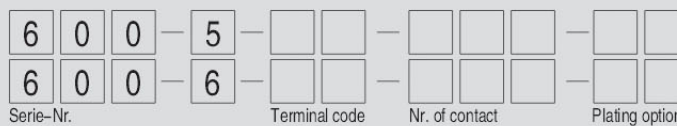
600-5 serie 1.27mmx1.27mm



600-6 Dual Body



How to order



Terminal code (600-5)	Dimensions(mm)		
	B	C	D
12	2.80	2.60	3.5
13	4.00	2.60	3.5
14	6.00	2.60	3.5
as request			
FOR Eg. B=1.65,C=2.29,D=4.0			
CODE Nr.=1.65/2.29/4.0			

Terminal code (600-6)	Dimensions(mm)			
	B	C	D	W
12	2.20	2.00	4.00	2.6
13	2.20	2.00	4.70	2.6
XXX/XX/XX as request				
FOR Eg. B=3.05,C=2.1,D=4.1,W=2.9				
CODE Nr.=3.05/2.1/4.1/2.9				

Number of contact	Code
04-100	04-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

W.E.

600-7

Pin-Header-Strips-Single/Double row-1.27mmx1.27mm pitch-Right angle

Technical Data :

Insulator Material: High Temperature Thermoplastic,UL 94V-0.

Contact : 0.40x0.40mm

Contact Material: copper alloy

Plating: Au or Sn over Nickel

Current Rating : 1 Amp

Insulator resistance : 500 Megohms min

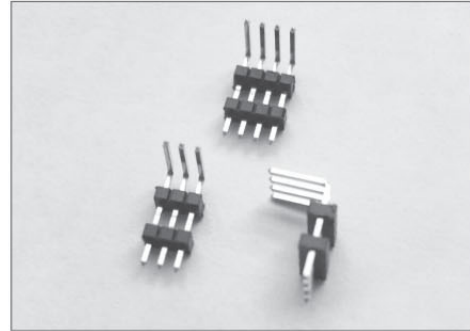
Dielectric withstanding : AC 500V for 1 Minute

Operating Temperature: -40 °C to +105 °C .

Max. processing Temp: 230 °C for 30-60 seconds.

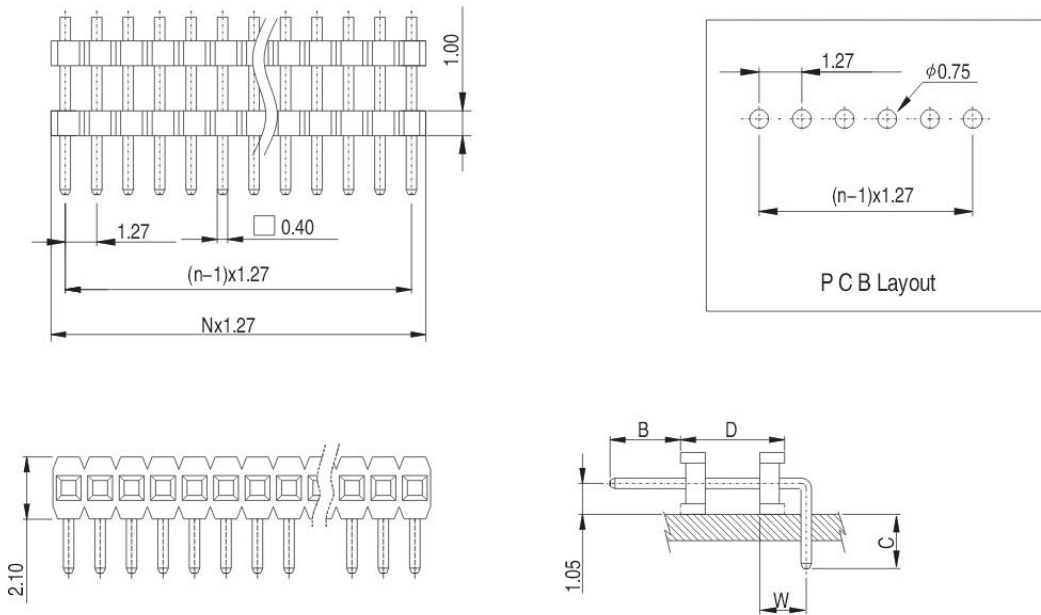
260 °C for 10 seconds.

Mates with : 606-1,613 and 1.27mm Female header

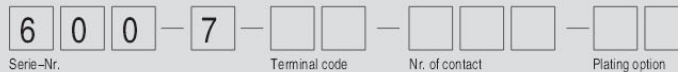


RoHS Compliant

600-7 Dual Body



How to order



Terminal code	Dimensions(mm)			
	B	C	D	W
12	2.20	2.00	4.00	2.6
13	2.20	2.00	4.70	2.6
XXX/XX/XX	as request			
FOR Eg. B=3.05,C=2.1,D=4.1,W=2.9				
CODE Nr.=3.05/2.1/4.1/2.9				

Number of contact	Code
04-100	04-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

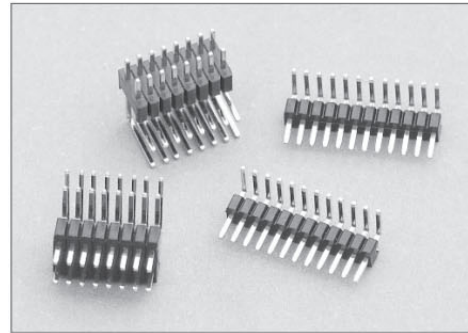
W.E.

600-3,600-4

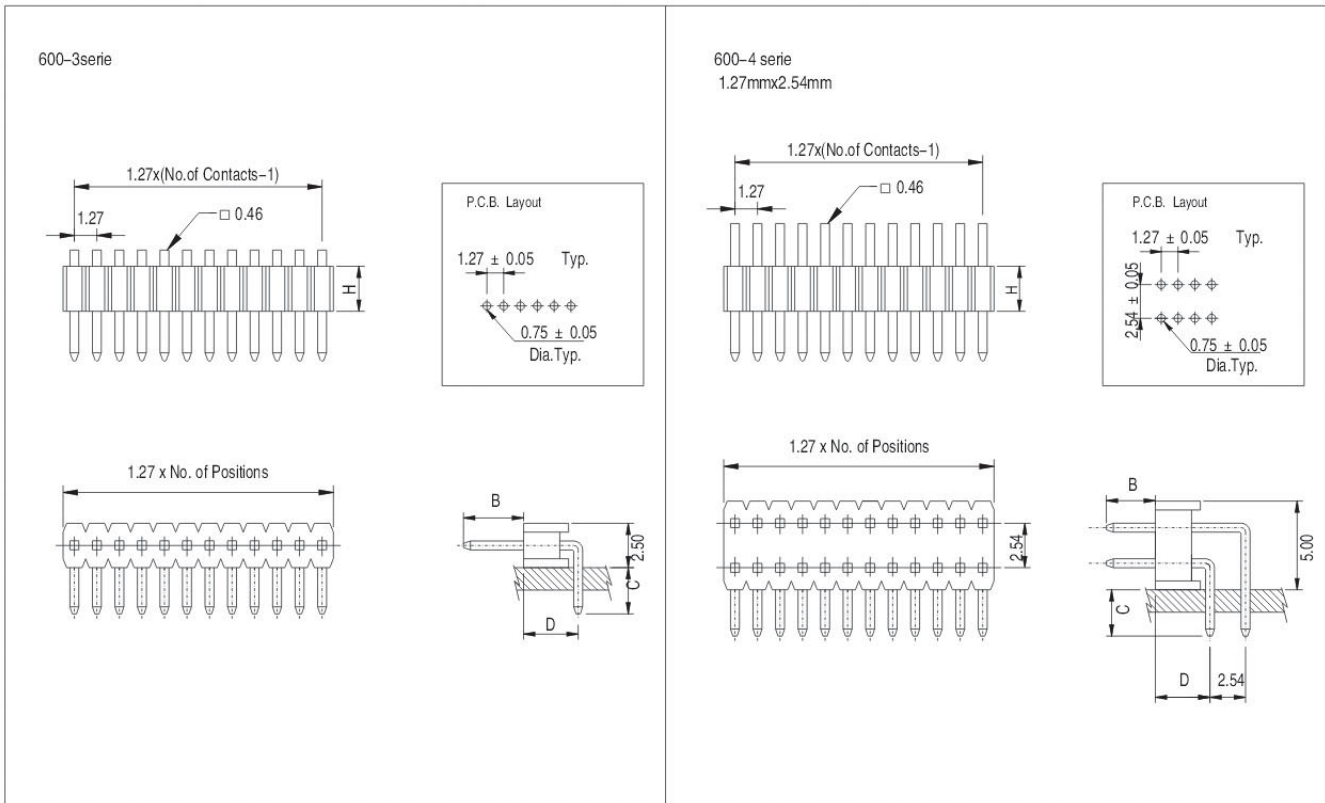
Pin-Header-Strips-Single/Double row -1.27mm pitch-Right angle

Technical Data :

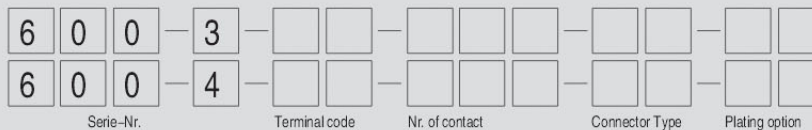
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	317,377,603,604



RoHS Compliant



How to order



Terminal code	Dimensions(mm)		
	B	C	D
12	2.80	2.60	3.9
13	4.00	2.60	3.9
14	6.00	2.60	3.9

As request:

FOR Eg. B=1.65, C=2.29,D=4.0

CODE Nr.=1.65/2.29/4.0

Number of contact		Code
02-40 poles	single	02-40
04-100 poles	Double	04-100

Connector Type	Code
Profile H 1.7mm, single row	10
Profile H 2.54mm, single row	11
Profile H 2.54mm, double row	20

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

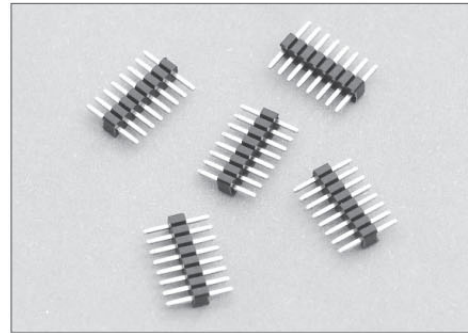
W.E.

600

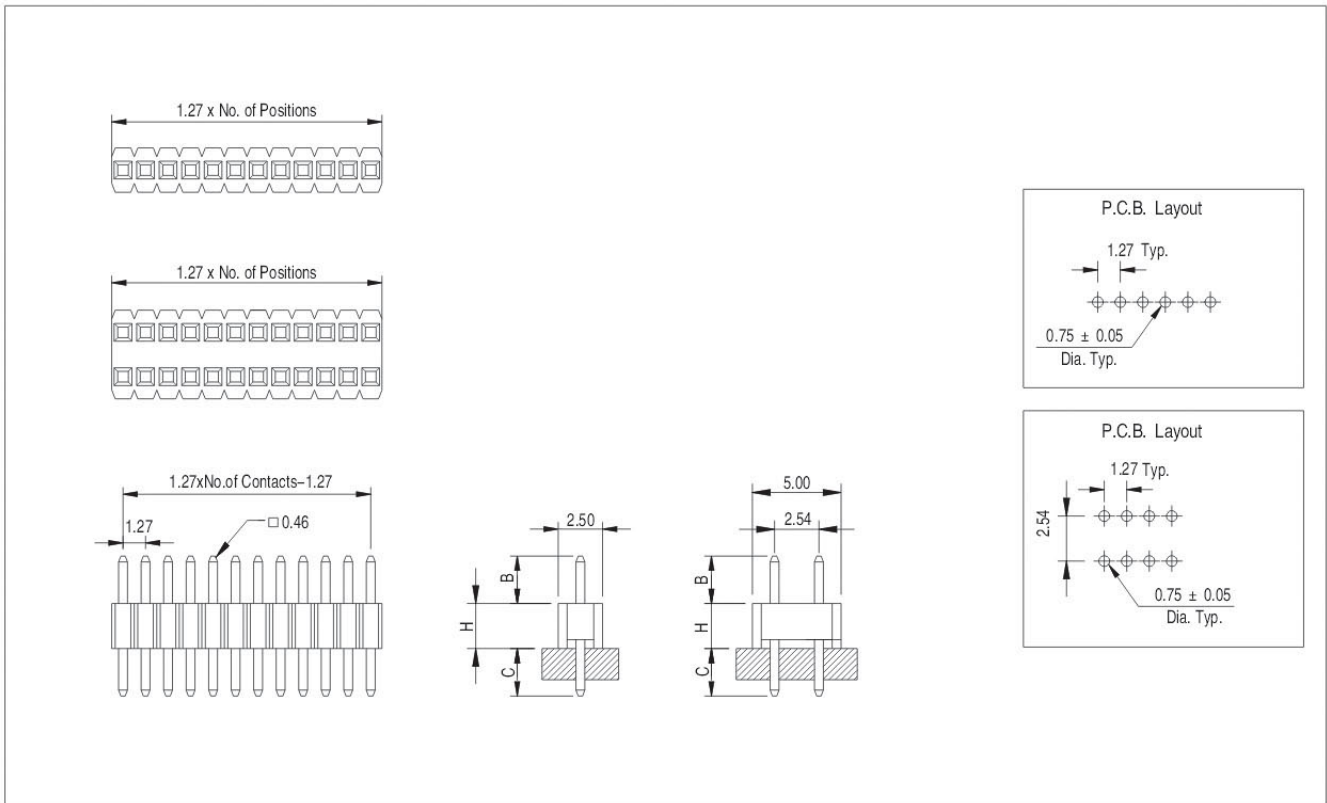
Pin header strip 1.27mm pitch

Technical Data :

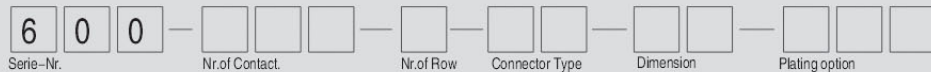
Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	317,377,603,604



RoHS Compliant



How to order



Nr. of Contact	Code
single Row Max.50 contacts	002-050
Double Row Max. 100 contacts	002-100

Connector Type	Code
Insulator Height:1.7-1*50	10
Insulator Height:2.54-1*50	11
Insulator Height:2.54-2*50	20

Nr. of Row	Code
Single Row straight	1
Double Row straight	2

Dimensions		Code	Dimensions		Code	Dimensions		Code
B	C		B	C		B	C	
2.8	2.6	10	4.83	3.05	60	10.29	3.05	65
6.0	3.0	20	5.21	3.05	61	10.92	3.05	66
5.84	3.05	30	7.24	3.05	62	12.32	3.05	67
2.54	3.05	40	8.51	3.05	63	13.59	3.05	68
5.84	4.45	50	9.91	3.05	64	15.37	3.05	69

Plating option	Code
Full gold flash plated	10
Tin plated	50
selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

as request :
FOR Eg. B=2.8, C=2.6
CODE Nr.=2.8/2.6

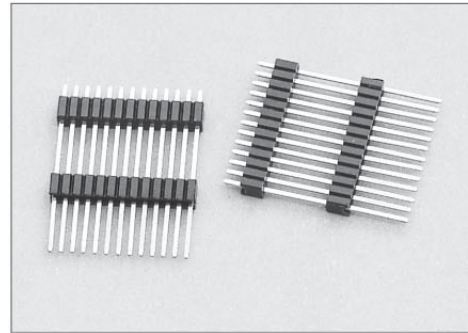
W.E.

602

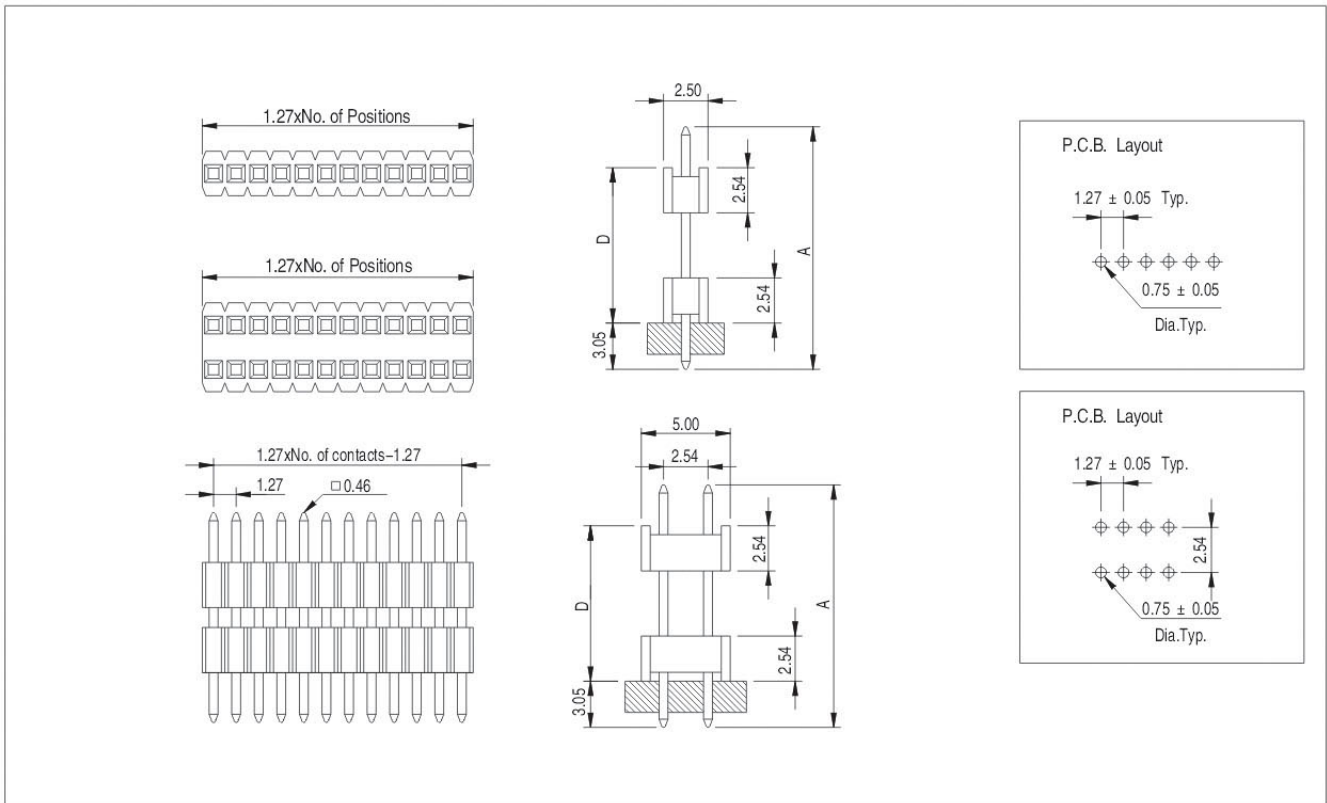
Pin header strips 1.27mm pitch Dual body Type

Technical Data :

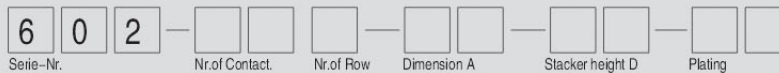
Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	317,377,603,604



RoHS Compliant



How to order



Number of contact	Code
Max.single 50 contacts	002-050
Max.double 100 contacts	004-100

No.of Row	Code
Single Row	1
Double Row	2

Dimensions*A"	Code	Dimensions*A"	Code
11.00	10	15.88	62
11.43	20	16.51	63
10.41	30	17.91	64
10.80	40	19.18	65
12.83	50	20.96	66
14.10	60	26.67	67
15.49	61		

as request For Eg. A=13.0 Code Nr.=13.0

Stacker height "D"	Code
Stacker height	xxx
For Eg. 5.08mm	5.08
For Eg. 6.35mm	6.35

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

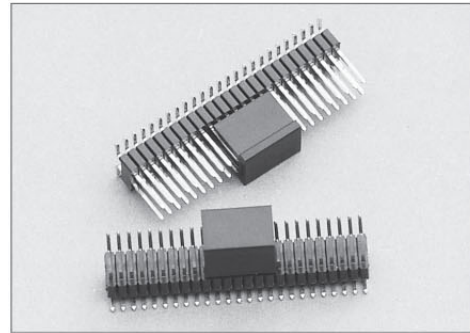
W.E.

601

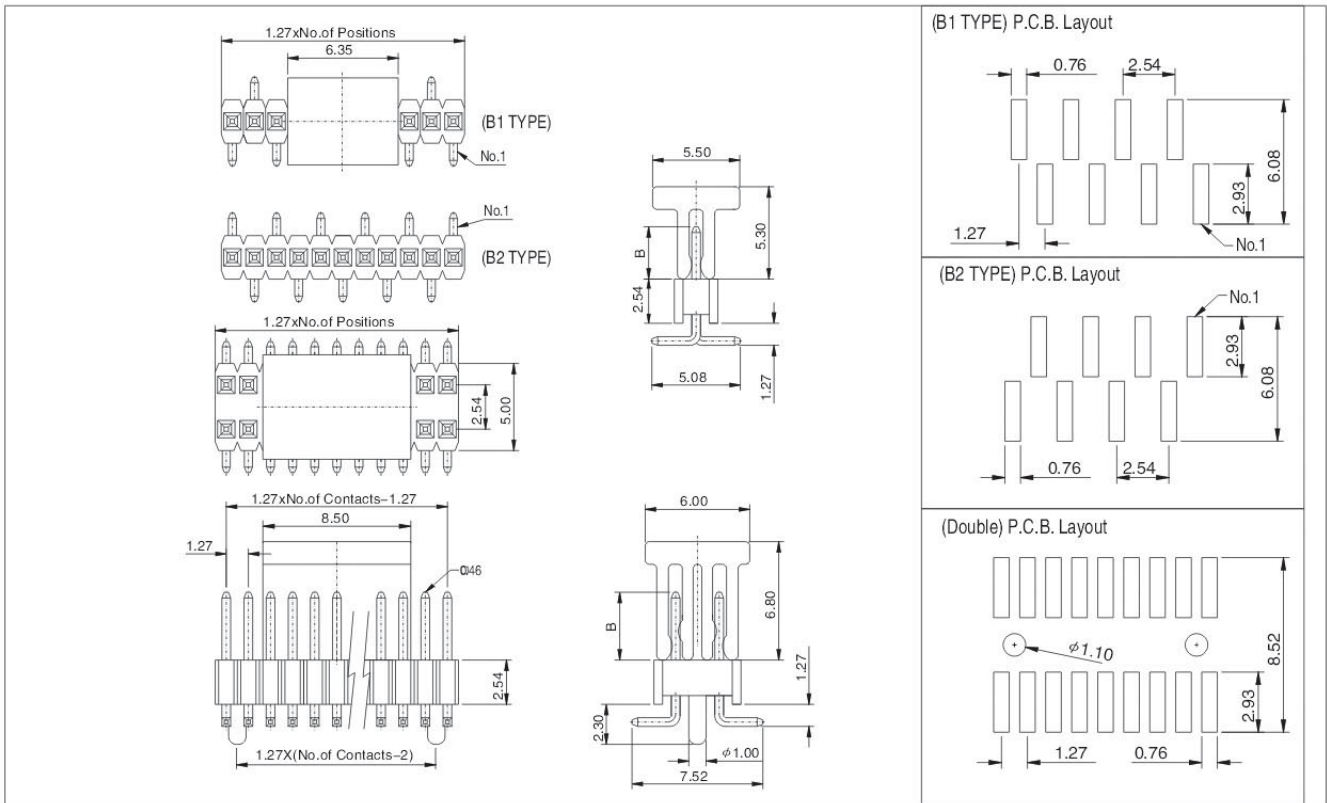
Pin header strip 1.27mm pitch SMT Type

Technical Data :

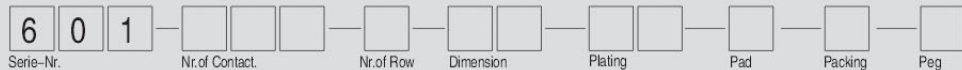
Insulator Material:	High Temperature Thermoplastic, UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	317,377,603,604



RoHS Compliant



How to order



Nr. of Contact	Code
Single Row Max. 40 contacts	002-040
Double Row Max. 100 contacts	004-100

Nr. of Row	Code
Single Row B1	1
Single Row B2	2
Double Row	3

Dimensions"B"	Code	Dimensions"B"	Code
2.80	10	5.21	61
6.00	20	7.24	62
5.84	30	8.51	63
2.54	40	9.91	64
3.18	50	10.29	65
4.83	60	10.92	66

as request For Eg. B=2.9 Code Nr.=2.9

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Pick & Place Pad	Code
W/ CAP	1
W/O CAP	2

Packing option	Code
PVC Tube	1
Tapl & Reel	2

Location Peg	Code
W/ Peg	10
W/O Peg	00

For Double row only

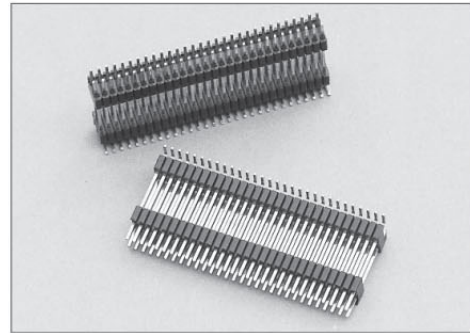
W.E.

601-1

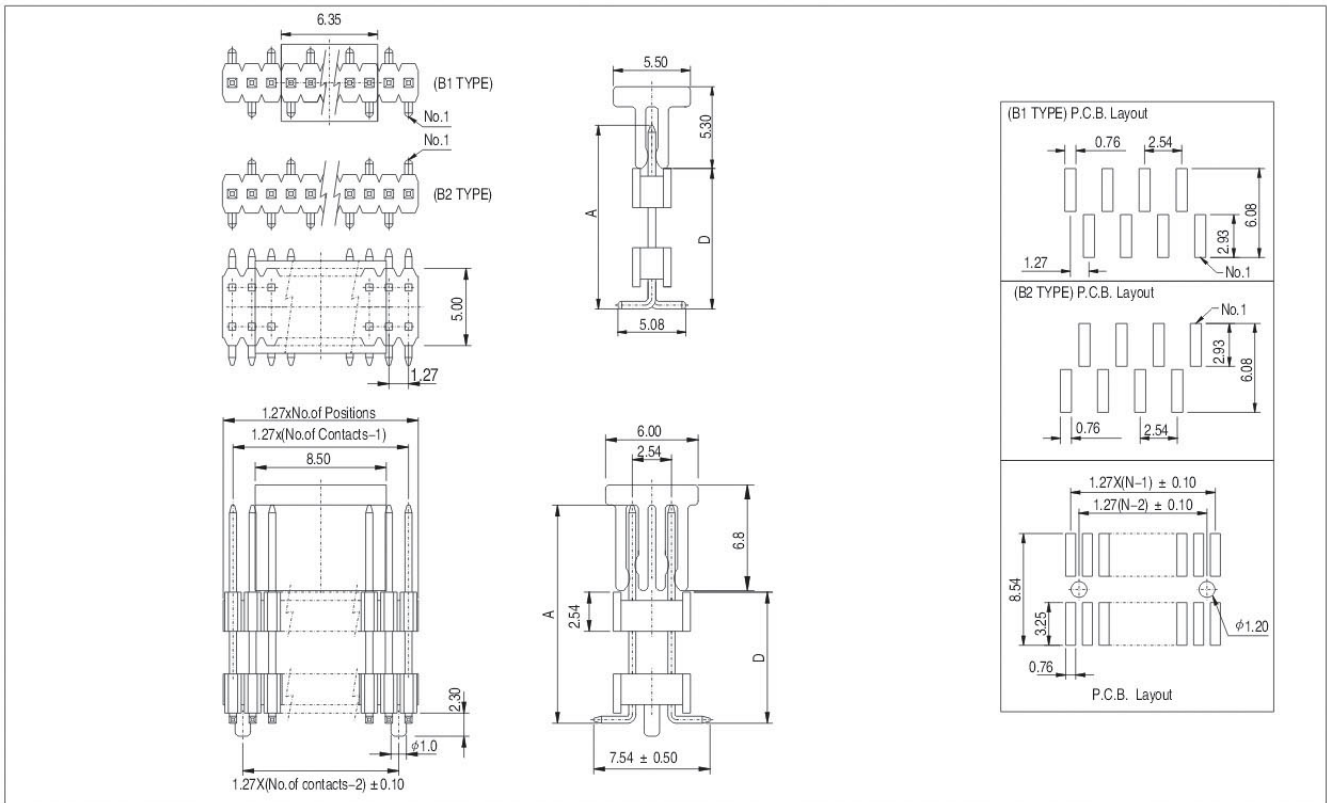
Pin header strip 1.27mm X 2.54 pitch SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact :	0.46x0.46mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	317,377,603,604



RoHS Compliant



How to order



Nr. of Contact	Code
Single Max.50 contacts	002-050
Double Max. 100 contacts	004-100

Nr.of Row	Code
Single Row B1 Type	1
Single Row B2 Type	2
Double Row	3

Dimensions*A*	Code	Dimensions*A*	Code
7.30	10	12.83	24
8.38	20	13.46	25
9.78	21	14.86	26
11.05	22	15.62	27
12.45	23		

as request For Eg. A=10.2 Code Nr.=10.2

Stacker height "D"	Code
Stacker height	xxx
For Eg. 5.08mm	5.08
For Eg. 6.35mm	6.35

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ CAP	1
W/O CAP	2

Packing option	Code
PVC Tube	1
Tape & Reel	2

Location Peg	Code
W/ Peg	10
W/O Peg	00

For Double row only

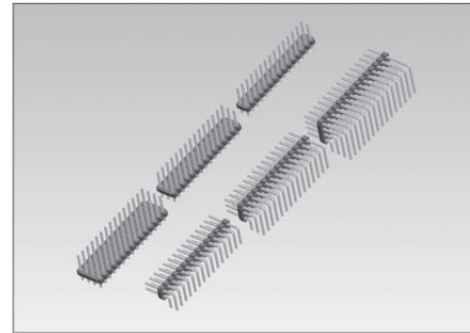
W.E.

314

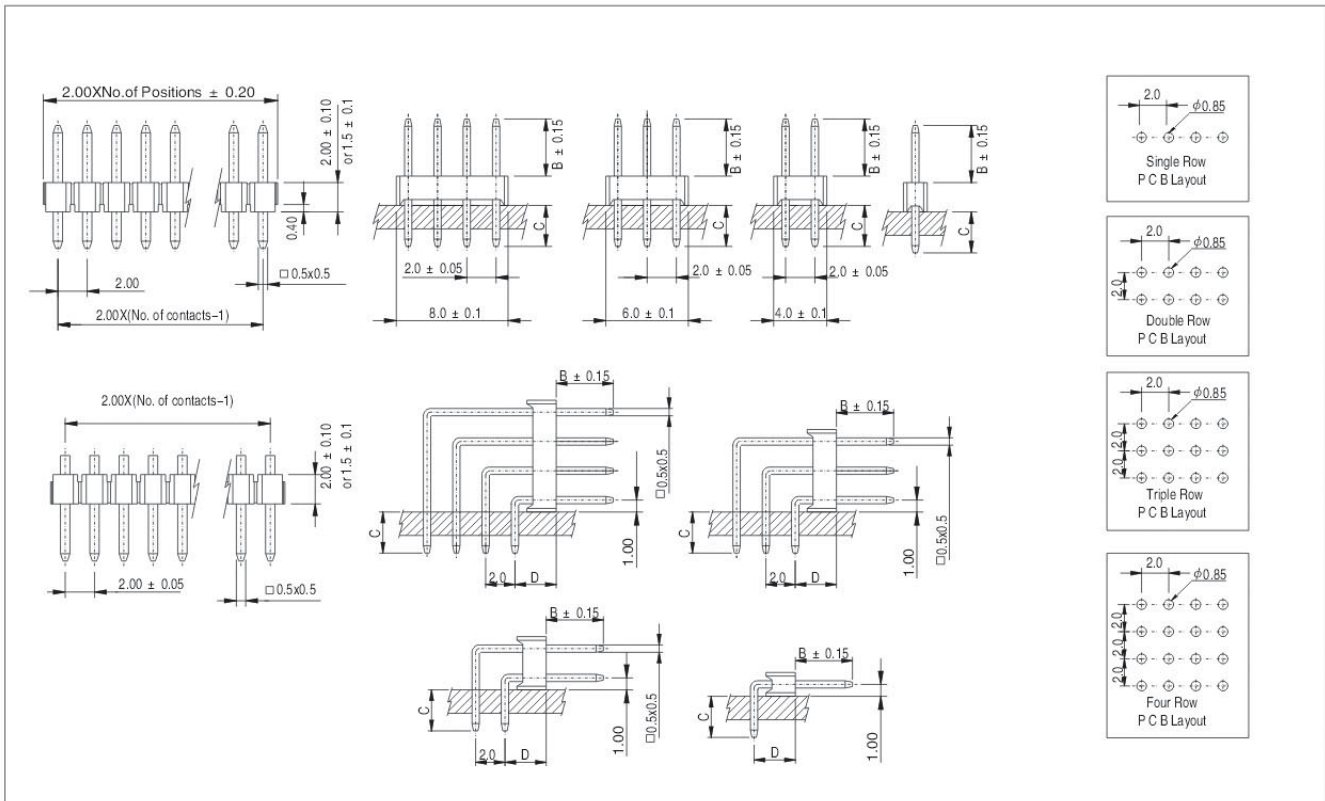
Pin-Header-Strips-Single/Double/Triple/Four row -2.0 mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,620



RoHS Compliant



How to order



Dimensions (mm)				Terminal Version	Code
A	B	C	D		
8.7	3.9	2.8		Single row 180°	10
8.7	3.9	2.8		Double row 180°	20
8.7	3.9	2.8		Triple row 180°	30
8.7	3.9	2.8		Four row 180°	40
	3.9	2.8	2.9	Single row R.A.	11
	3.9	2.8	2.9	Double row R.A.	21
	3.9	2.8	2.9	Triple row R.A.	31
	3.9	2.8	2.9	Four row R.A.	41
As request				XXX/XXX	
FOR Eg. B=3.20,C=2.46,D=3.2 Single row 90°					
CODE Nr. = 3.20/2.46/3.2/11					

Number of contact	Code
40-poles Single	02-040
80-poles Double	04-080
120-poles Triple	06-120
160-poles Four	08-160

Profile	Code
Thickness of insulator : 1.5	1
Thickness of insulator : 2.0 (1&2 Row Only)	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

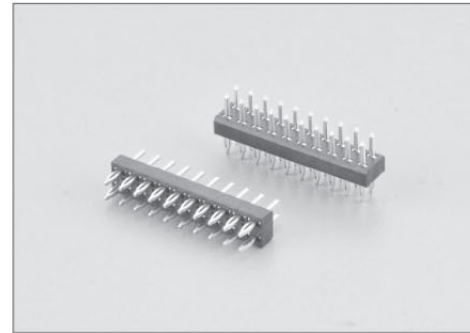


314PF

Pin-Header-Press-fit Double Row-2.00mm Pitch

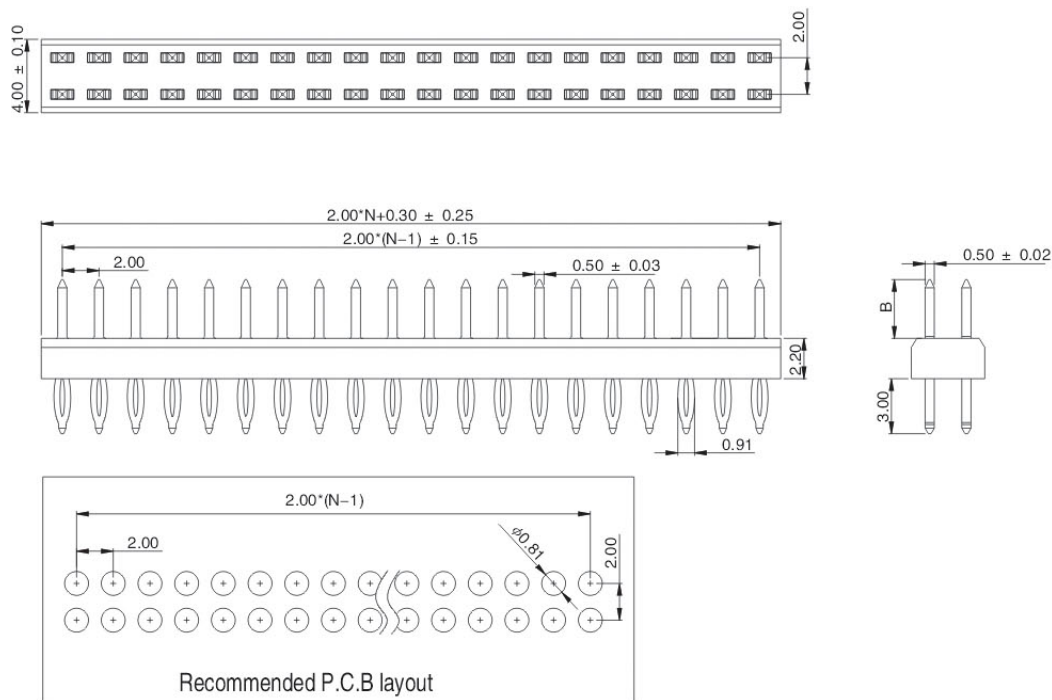
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.

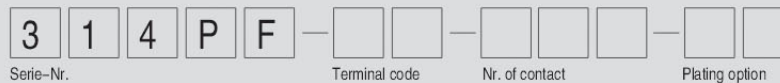


Mates with :

RoHS Compliant



How to order



Number of contact	Code
04-80 Double	004-080

Terminal code	Dimensions(mm)
	B
1A	8.20
1B	3.20
1C	1.90
1D	1.65

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

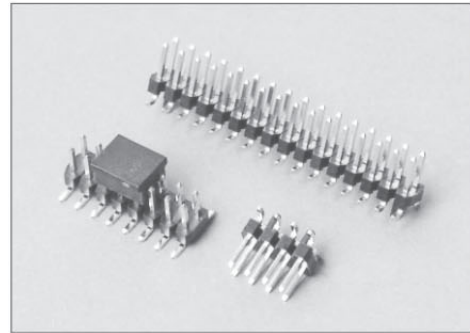
W.E.

616

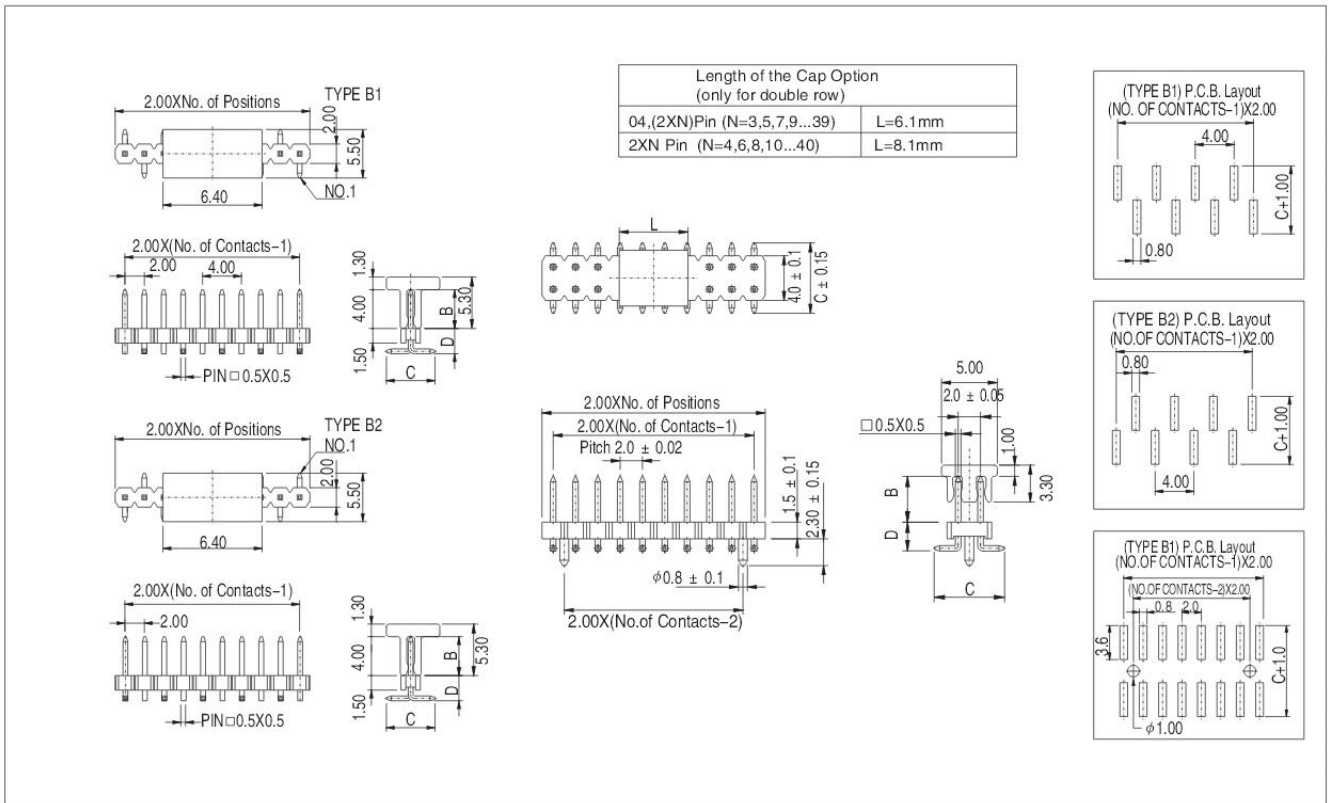
Pin Header-Strip 2.0mm Pitch Vertical SMT Type

Technical Data :

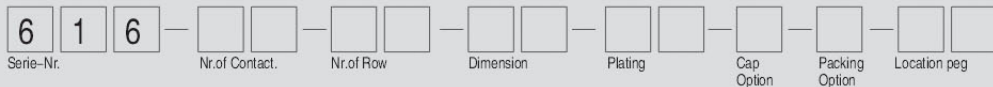
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,620



RoHS Compliant



How to order



Number of contact	Code
SINGLE Row 03-40 poles	03-40
Double Row 04-80 poles	04-80

Nr.of Row	Code
1-single B1 Type	11
2 Single B2 Type	12
3-Double	20

Dimension(mm)			Code
B	C	D	
4.0	7.0	2.6	10
4.0	6.0	2.6	20
As request : XX/XX/XX			
For EX. B=3.2, C=6.5, D=2.8			
CODE Nr.=3.2/6.5/2.8			

Plating option	Code
Gold flash	10
Tin plated	50
Selective gold flash	60
10u" selective gold plated	610
15u" selective gold plated	615
20u" selective gold plated	620
30u" selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W/ locating peg	10
W/O locating peg	00
For Double row only	

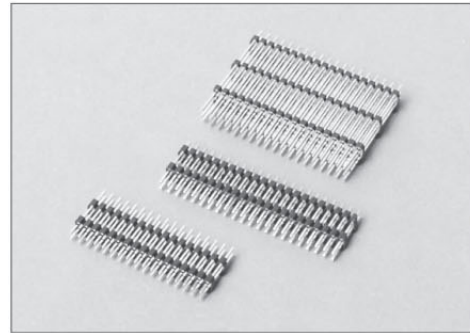
W.E.

615

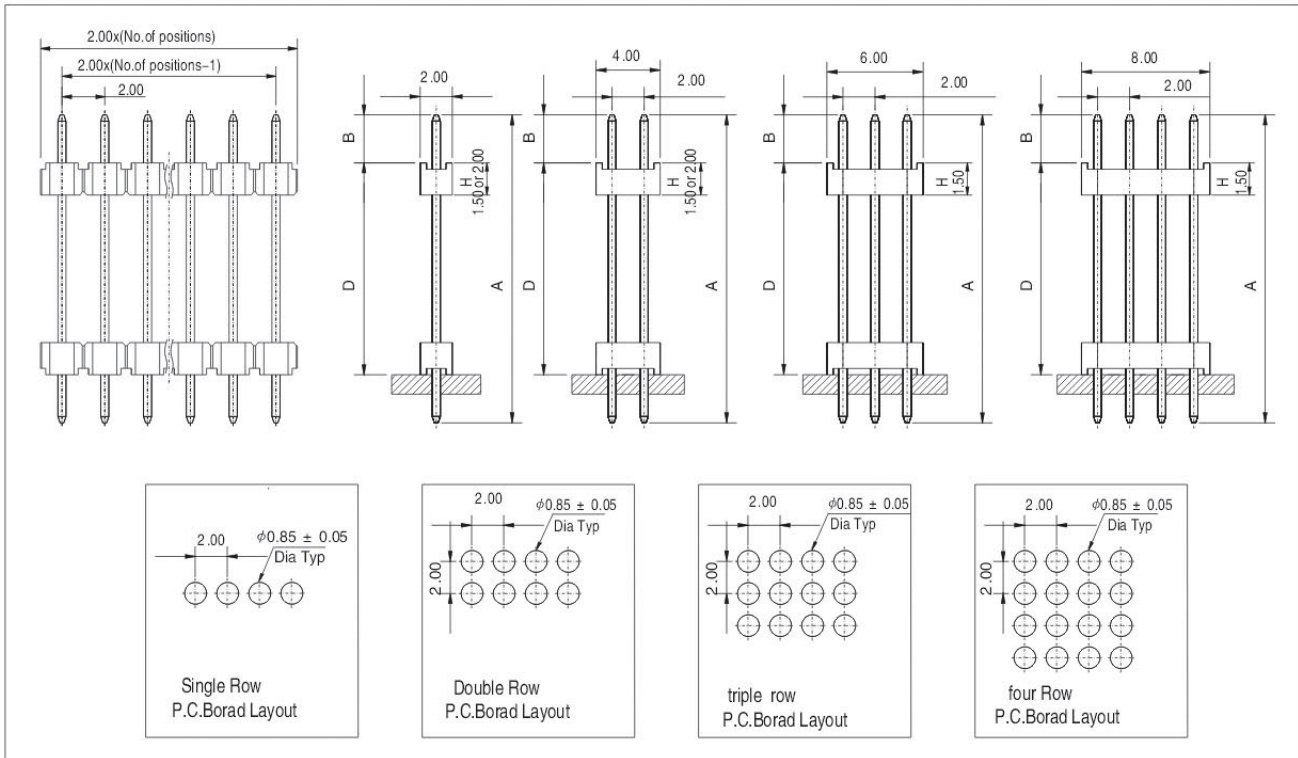
Pin-Header-Strip-2.00mm pitch -dual boby type

Technical Data :

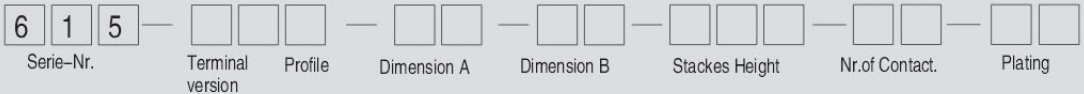
Insulator Material :	High Temperature Thermoplastic,UL 94V-0
Contact:	0.50mm x 0.50mm
Contact Material :	copper alloy
plating:	Au or Sn over Nickel
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500 V for 1 Minute
Operating Temperature :	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,620



RoHS Compliant



How to order



Terminal version	Code
Single Row	10
Double Row	20
triple row	30
four row	40

Profile: H	Code
1.5mm	1
2.0mm	2
triple/four row only for 1.5mm	

Dimension A	Code
14.30	01
8.20	02
9.60	03
13.60	04
14.10	05
15.10	06
17.10	07
19.10	08
21.10	09

Dimension A	Code
11.60	10
15.60	11
10.08	12
28.19	13
As Request	XX
FOR EG. A=11.50	
CODE NR. =11.50	

Stackes Height D	Code
Stackes Height	XXX
FOR EG. D=7.50	750
FOR EG. D=6.35	635

Dimension B	Code
4.00	01
1.27	02
3.20	03
As Request	XX
FOR EG. A=11.50	
CODE Nr. =11.50	

Number of contact	Code
Max. 40 poles Single	40
Max. 80 poles double	80
Max. 120 poles triple	120
Max. 160 poles four	160

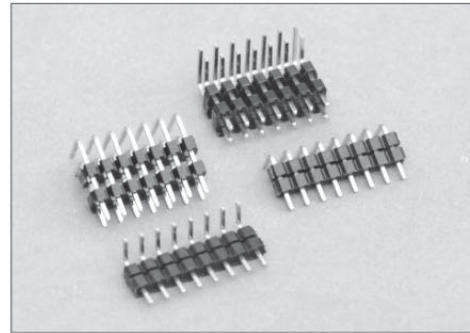
Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

615-1

Pin-Header-Strips-Single/Double row-2.00mm Right angle – Dual body type

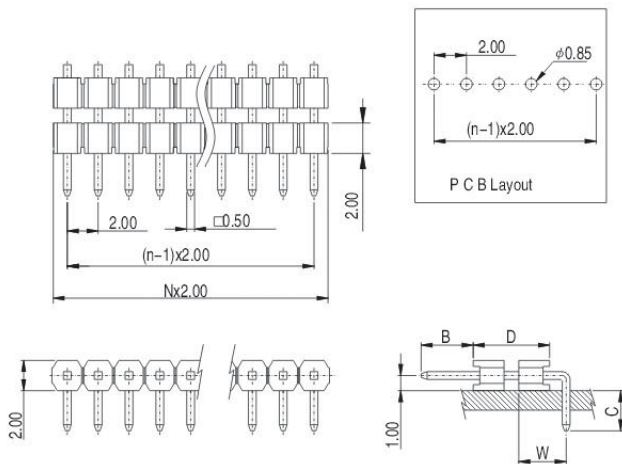
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,620

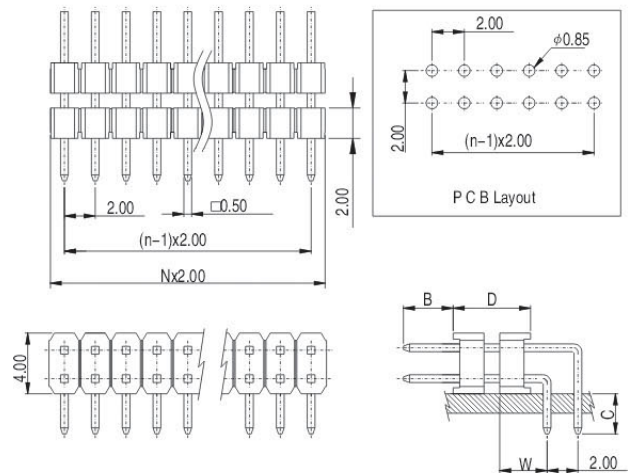


RoHS Compliant

Single Row



Double Row



How to order



Terminal code	Dimensions(mm)			
	B	C	D	W
12	4.00	3.30	6.50	3.90
13	4.20	3.30	6.80	3.90
XX/XX/XX	as request			
FOR Eg. B=4.65,C=3.2,D=6.2,W=4.1				
CODE Nr.=4.65/3.2/6.2/4.1				

Number of contact	Code
02-40 Single	02-40
04-80 Double	04-80

Number of Row	Code
Single Row	1
Double Row	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

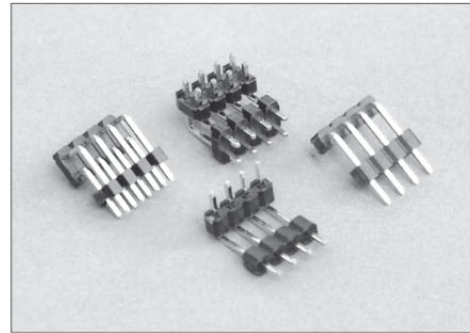
W.E.

615-2

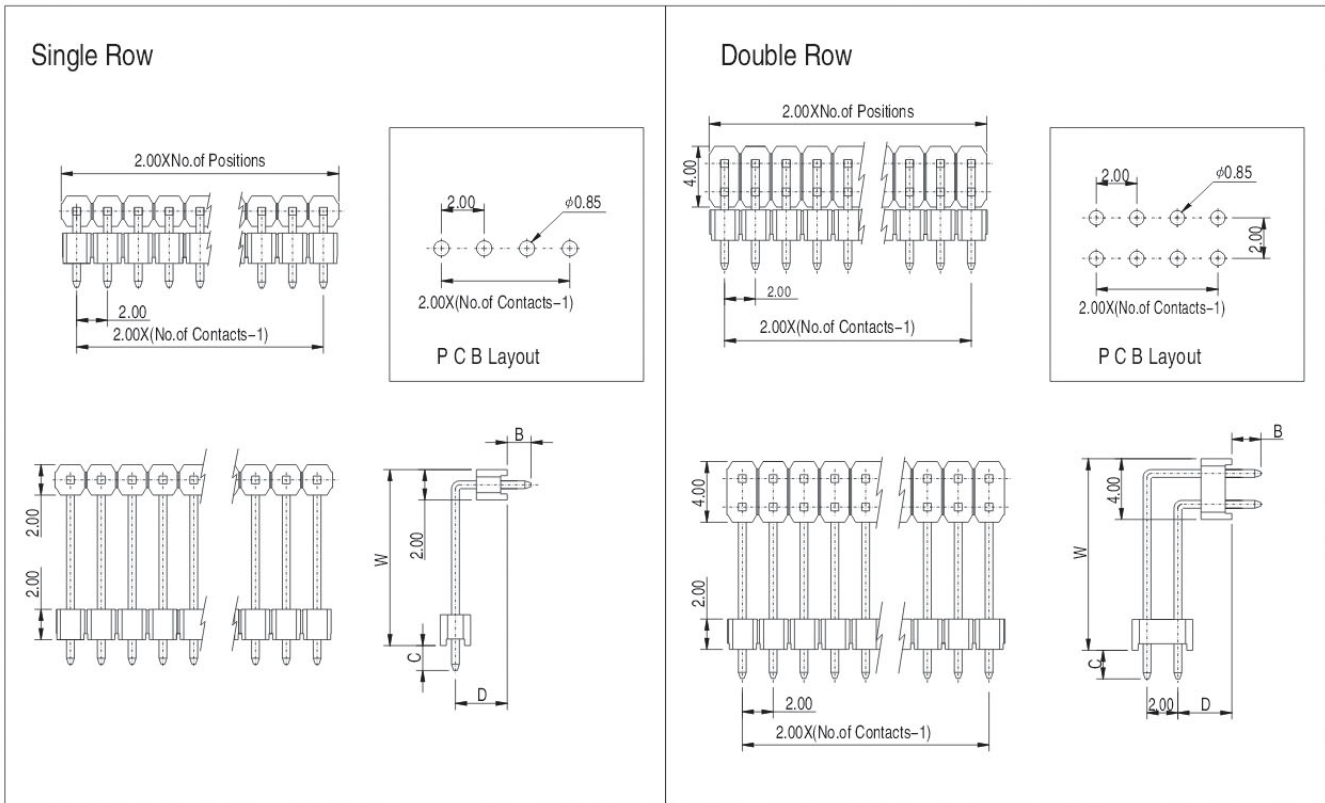
Pin-Header-Strips-Single/Double row-2.00mm Right angle

Technical Data :

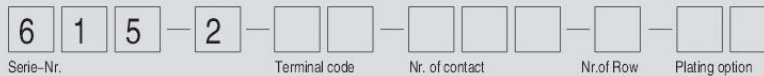
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,620



RoHS Compliant



How to order



Terminal code	Dimensions(mm)			
	B	C	D	W
12	4.00	3.30	3.90	8.60
13	4.20	3.30	3.90	9.70
XX/XX/XX	as request			
FOR Eg. B=4.40,C=3.1,D=5.8,W=12.3				
CODE Nr.=4.4/3.1/5.8/12.3				

Number of contact	Code
02-40 Single	02-40
04-80 Double	04-80

Number of Row	Code
Single Row	1
Double Row	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

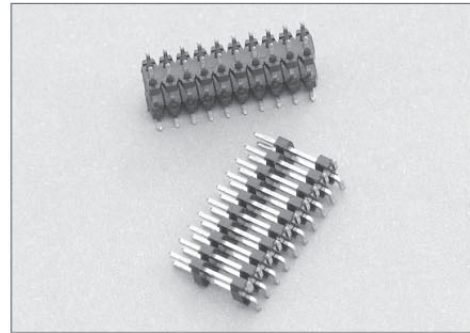
W.E.

616-1

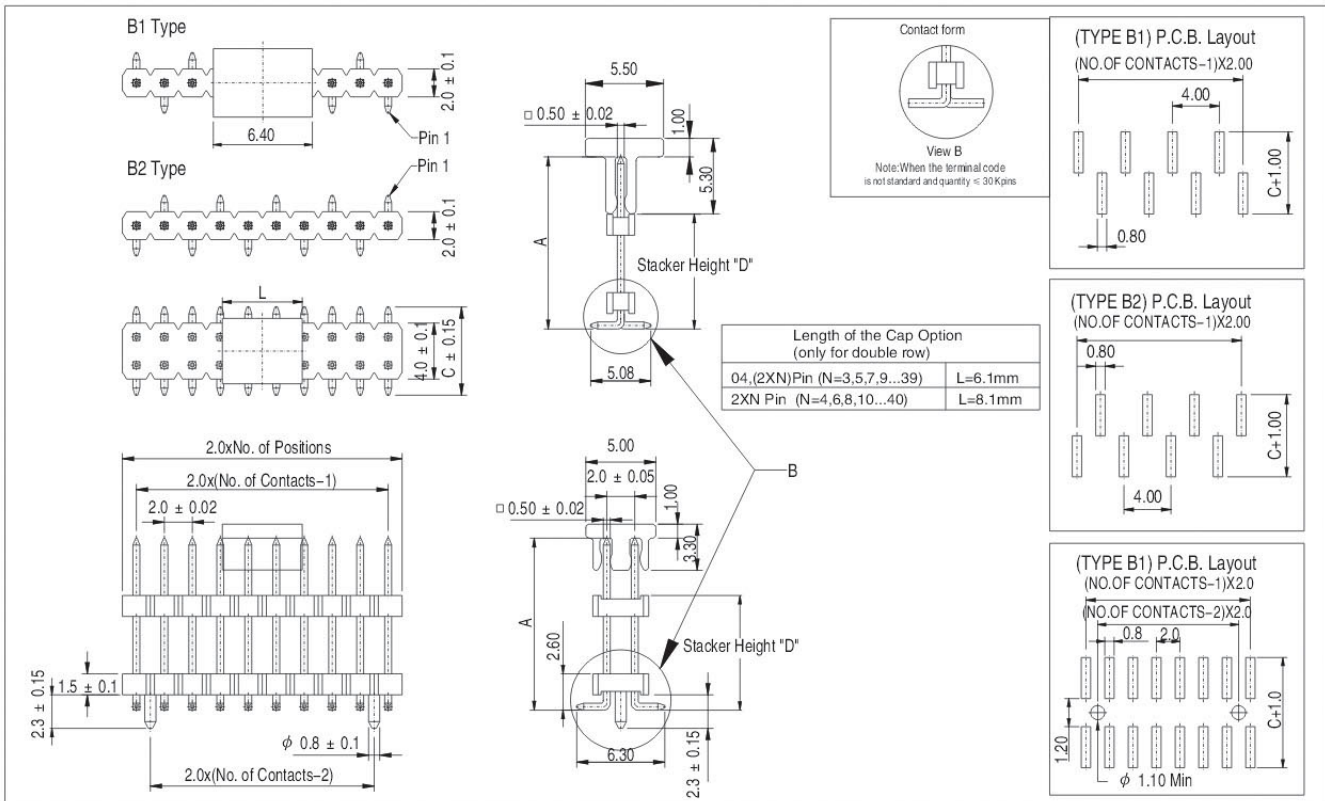
Pin Header-Double Body Type SMT Type 2.0mm pitch

Technical Data :

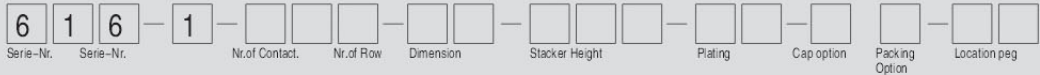
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,620



RoHS Compliant



How to order



Number of contact	Code	Dimension A	Code	Stacker Height D	Code	Plating option	Code	Packing option	Code
Double Row 04-80 poles	04-80	10.70	01	Stacker Height	XXX	Full gold flash plated	10	Tube	1
		7.85	02	FOR Eg. D=6.35	635	Tin plated	50	Tape & Reel	2
Number of Row	Code	11.86	03			Selective gold flash plated	60	Location peg option	Code
Single Row B1 Type	1	12.37	04			10u*Selective gold plated	610	W/location peg	10
Single Row B2 Type	2	15.37	05			15u*Selective gold plated	615	W/O location peg	00
Double Row	3	17.35	06			20u*Selective gold plated	620	for double rows only	
		9.86	07			30u*Selective gold plated	630		
		As request	XXX						
		FOR Eg. A=11.25							
		CODE Nr.=1125							
						Pick & Place pad	Code		
						W/ Cap	1		
						W/O Cap	2		

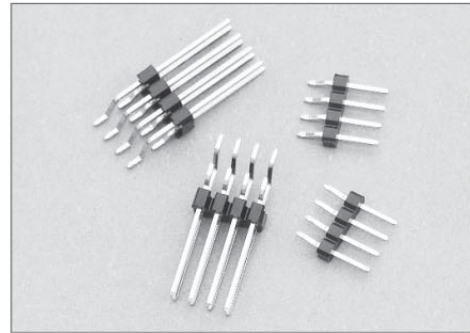


616-2

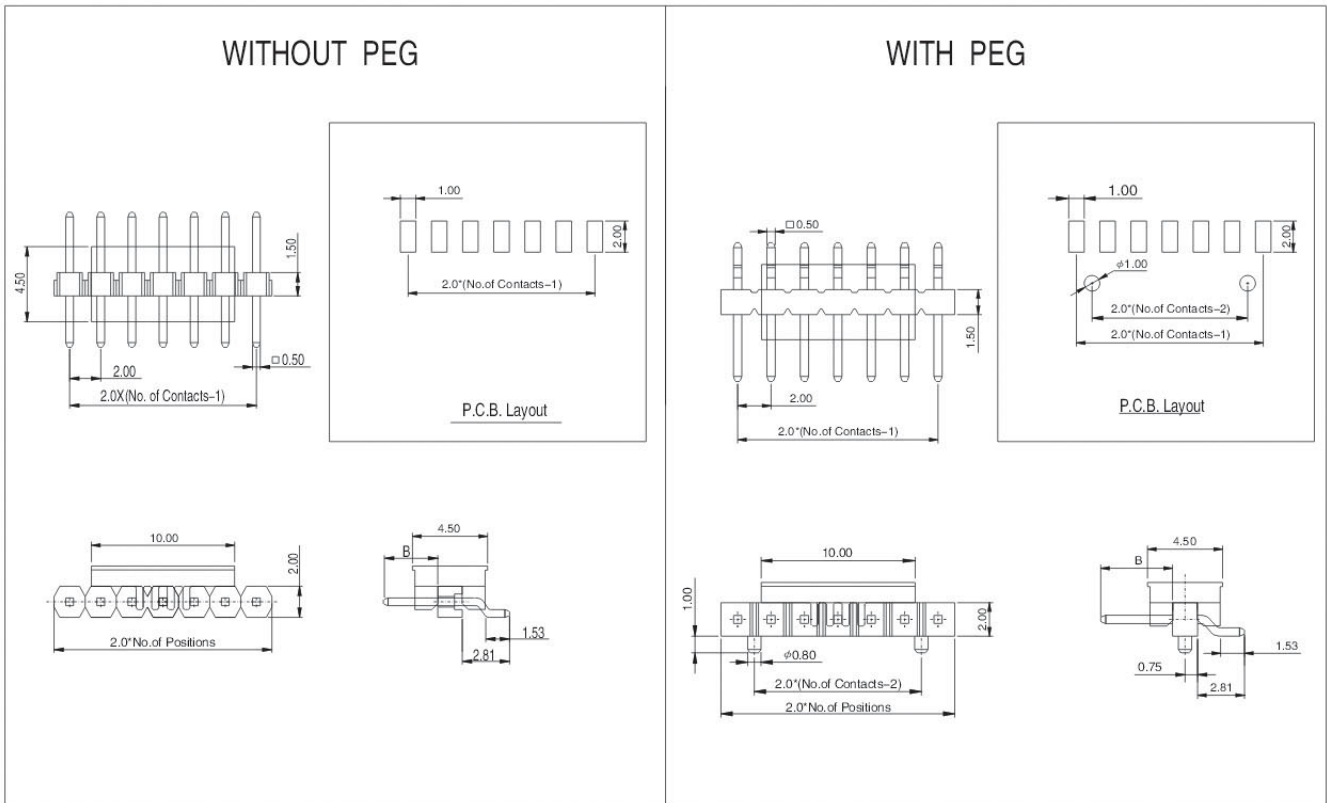
Pin header strip 2.0mm pitch Horizontal SMT Type Single Row

Technical Data :

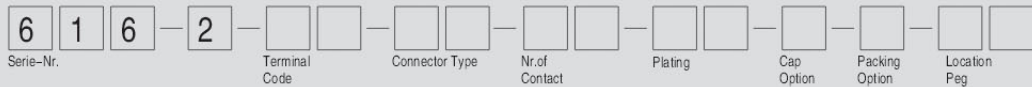
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,619,620



RoHS Compliant



How to order



Dimension(mm) B	Terminal Code
3.20	10
4.45	11
4.0	12
As request	XX
FOR Eg. B=2.80	
CODE Nr. =2.80	

Connector Type	Code
Single Row	1

Nr. of Contact	Code
04-36-Poles Single	04-36

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W/ Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

Location peg	Code
W/ Location peg	10
W/O Location peg	00

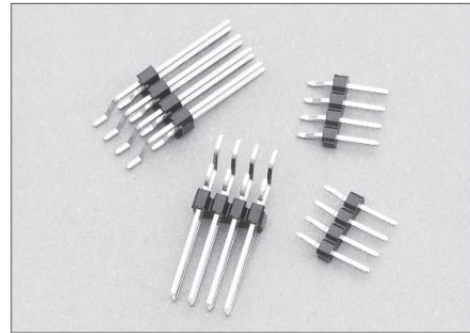
W.E.

616-2

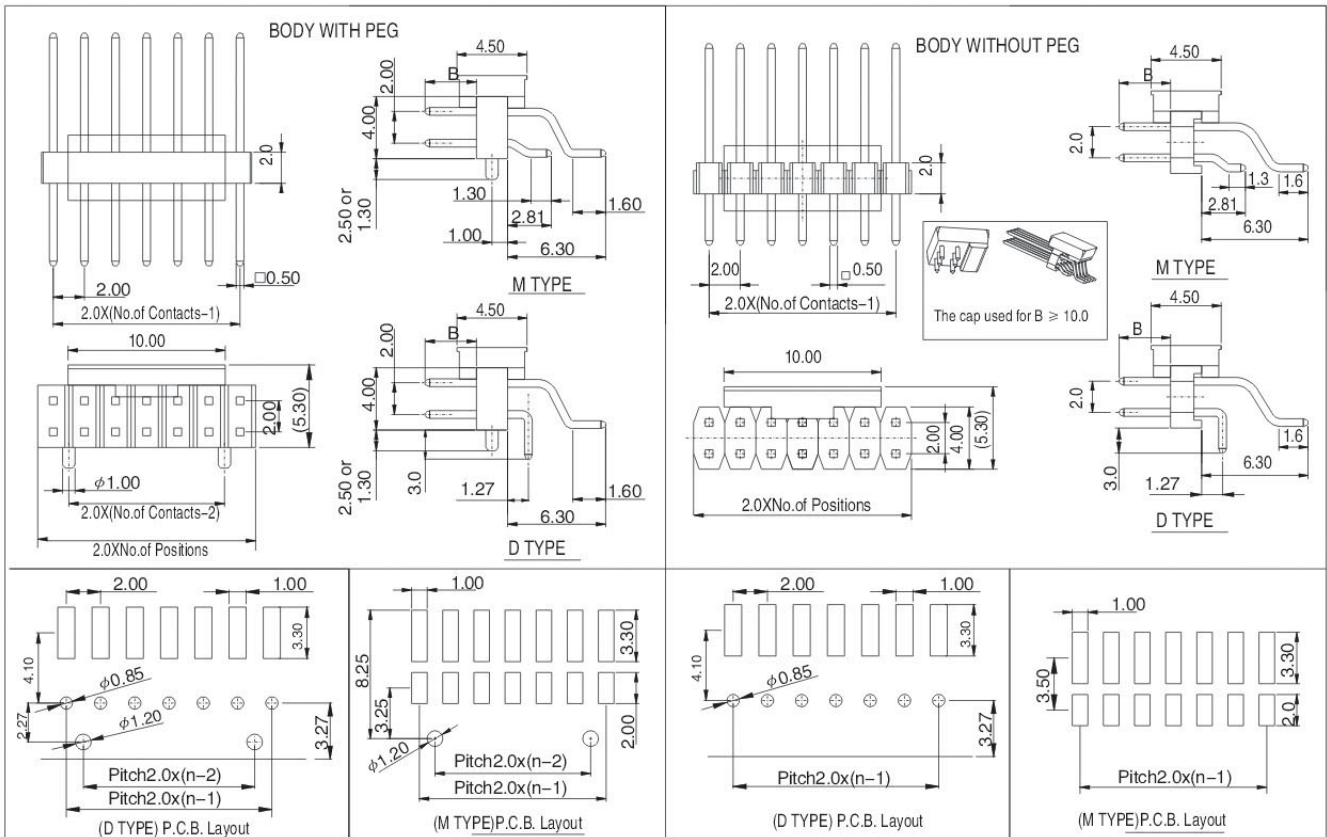
Pin header strip 2.0mm pitch Horizontal SMT Type Double Row

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,618-1,619,620



RoHS Compliant



How to order

6	1	6	2								
Serie-Nr.				Terminal Code	Connector Type	Nr. of Contact	Plating	Cap Option	Packing Option	Location Peg	

Dimension(mm) B	Terminal Code
3.20	10
4.45	11
4.0	12
As requert	XX
FOR Eg. B=2.80	
CODE Nr. =2.80	

Connector Type	Code
Double Row M type	21
Double Row D type	22
Nr. of Contact	Code
06-72-Poles Double	06-72
Pick & Place pad	Code
W/ Cap	1
W/O Cap	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Location peg	Code
W/ Location peg height=2.50 (only packed with tube)	10
W/ Location peg height=1.30	11
W/O Location peg	00

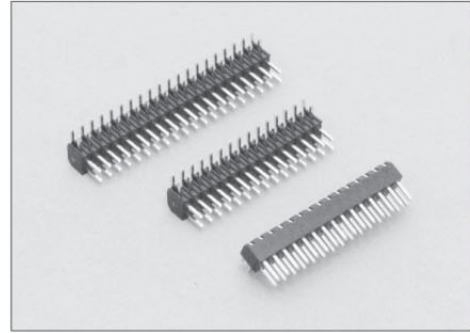
W.E.

617

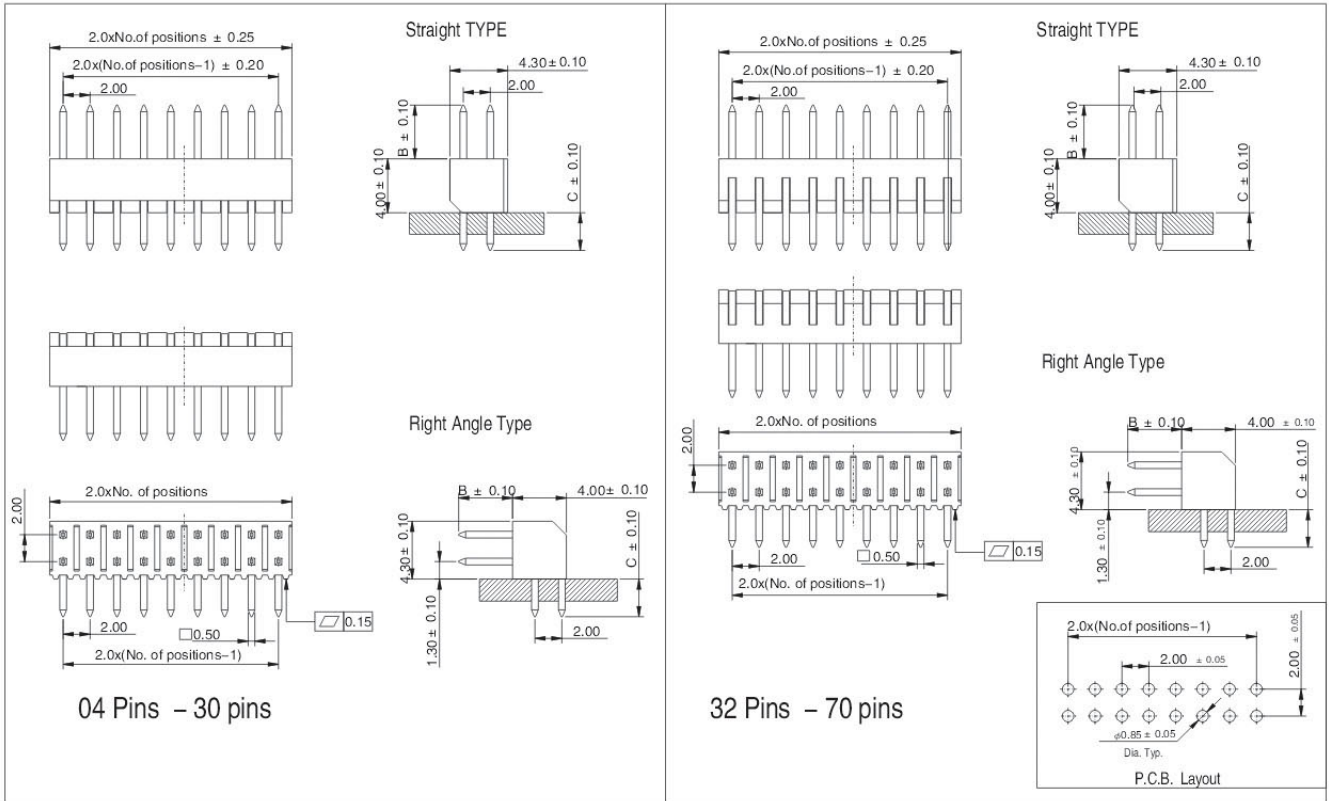
Pin-header-strips Height 4.0mm, 2.0mm pitch Double Row
Straight & Right Angle

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	136,316,618,619,620



RoHS Compliant



How to order



Number of contacts	Code
04-80 poles Double Row 2 X 2 - 2 X 35	04-70

Connector Type	Code
Straight	10
Right Angle	20

Dimension(mm)		Code
B	C	
4	2.8	10
As request for eg. B=5.0 C=3.0 Code Nr.=5.0/3.0		XX

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

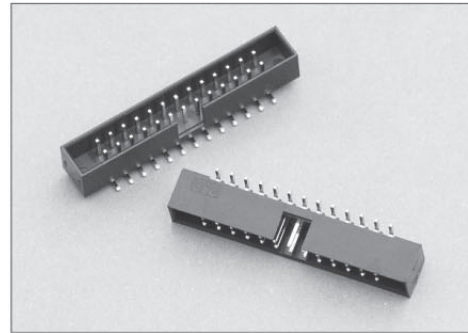
W.E.

635

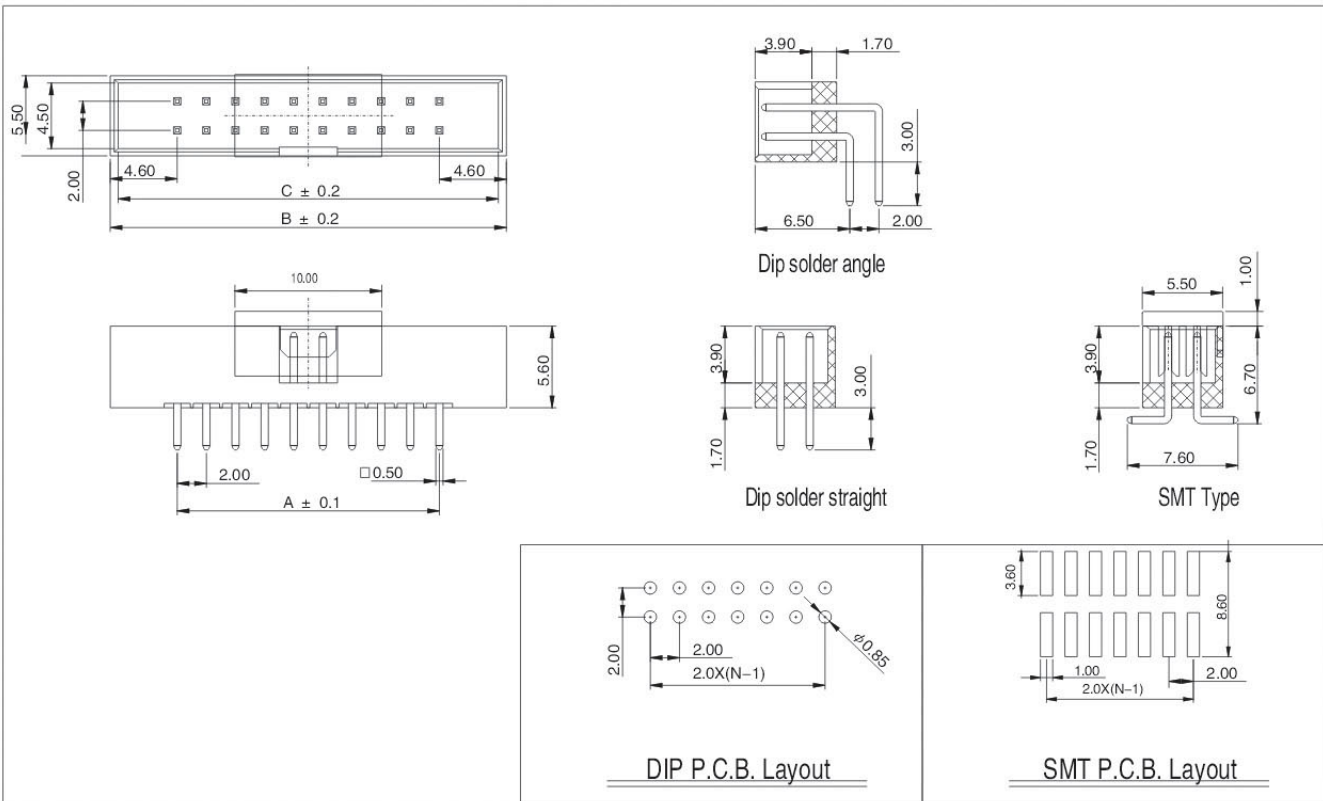
Low Profile Header with straight & angle pins 2.0mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	343, IDC Socket



RoHS Compliant



How to order



Nr.of contact	Dimensions(mm)			Nr.of contact	Dimensions(mm)		
	A	B	C		A	B	C
6	4.00	13.20	12.10	30	28.00	37.20	36.10
8	6.00	15.20	14.10	32	30.00	39.20	38.10
10	8.00	17.20	16.10	34	32.00	41.20	40.10
12	10.00	19.20	18.10	36	34.00	43.20	42.10
14	12.00	21.20	20.10	40	38.00	47.20	46.10
16	14.00	23.20	22.10	44	42.00	51.20	50.10
20	18.00	27.20	26.10	50	48.00	57.20	56.10
22	20.00	29.20	28.10	60	58.00	67.20	66.10
24	22.00	31.20	30.10	64	62.00	71.20	70.10
26	24.00	33.20	32.10	68	66.00	75.20	74.10

Connector Type	Code
Dip solder straight	1
Dip solder angle	2
SMT Type	3

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Cap option	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Packing Option	Code
Tube	1
Tape & Reel	2
Tray	3

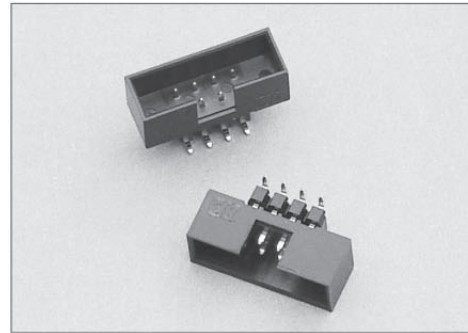
W.E.

614

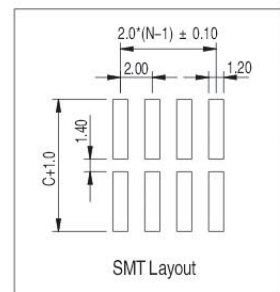
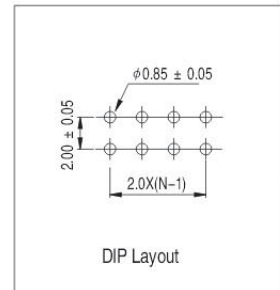
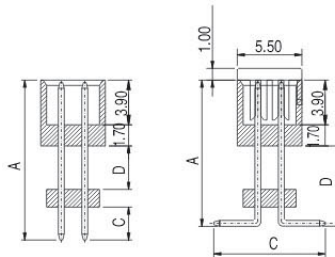
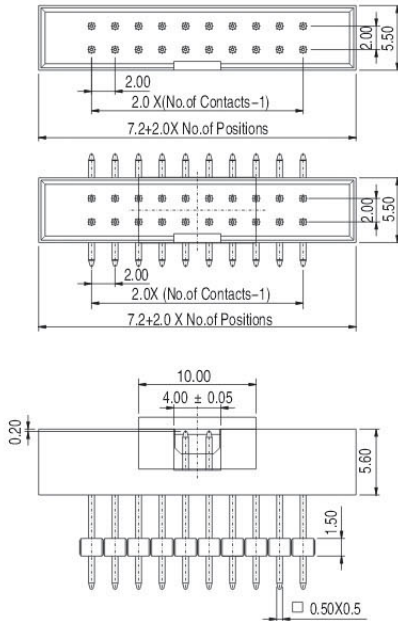
2.0mmX2.0mm Shrouded Stacker

Technical Data :

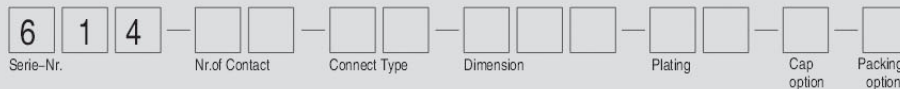
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	343 IDC Socket



RoHS Compliant



How to order



Number of contact	Code
06-68	06-68

Connector type	Code
Dip 180 °	1
SMT Type	3

Dimensions(mm)	Dip	SMT	code	
A	D	C		
13.60	3.70	2.80	9.00	10
13.80	3.90	2.80	9.00	20
AS request		XXX/XX/XX		
FOR Eg. A=14.2 D=5.8 C=9.50				
CODE Nr.=14.2/5.8/9.50				

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Cap option	Code
W/ Cap	1
W/O Cap	2
For SMT Type only	

Packing option	Code
Tube	1
Tape & Reel	2

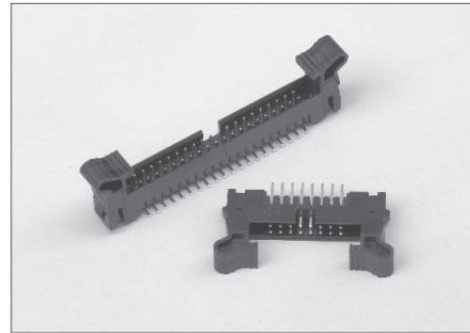
W.E.

632BN

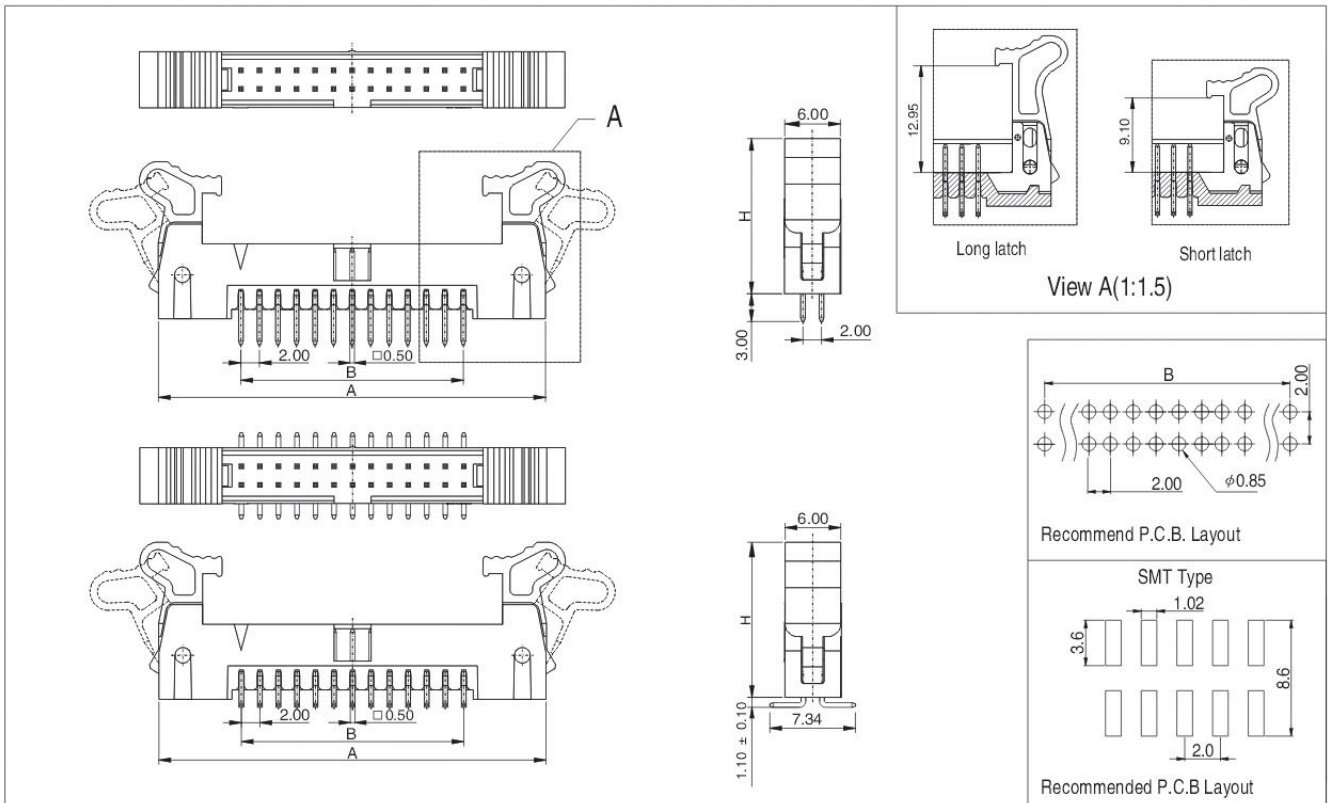
Ejector Header Dip/SMT Type, pitch 2.00mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.50x0.50mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	343 IDC Socket



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)		Nr. of contact	Dimensions(mm)	
	A	B		A	B
10	25.70	8.00	30	45.70	28.00
12	27.70	10.00	32	47.70	30.00
14	29.70	12.00	34	49.70	32.00
16	31.70	14.00	40	55.70	38.00
20	35.70	18.00	44	59.70	42.00
22	37.70	20.00	50	65.70	48.00
24	39.70	22.00	68	83.70	66.00
26	41.70	24.00			

Connector type	Code
Dip solder straight	1
SMT Type	3

Latch lever options	Profile:H	Code
With short latches	16.95	10
With long latches	20.80	20

Platingoption	Code
gold plated	10
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

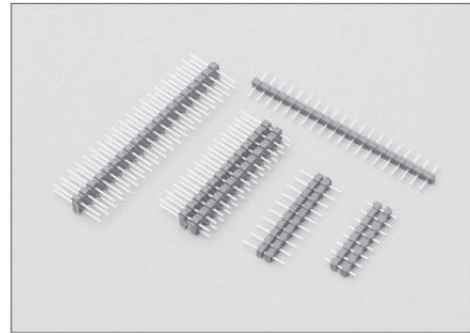
W.E.

152,152-DB

Pin-Header-Strips Single Row with round contact 2.54 mm pitch

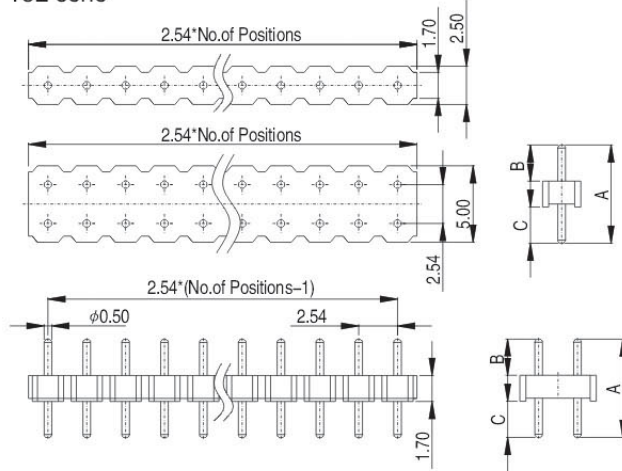
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	φ0.50mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	2.54mm Pitch PCB connector

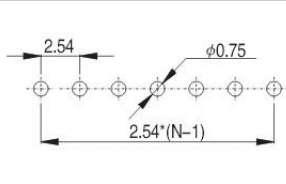
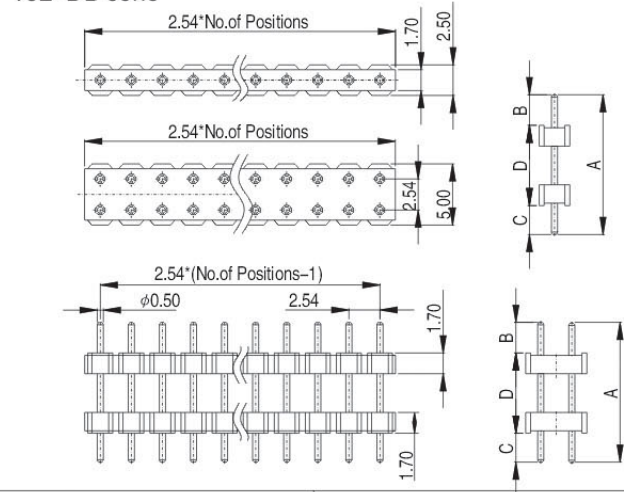


RoHS Compliant

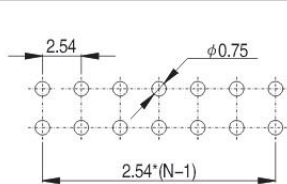
152 serie



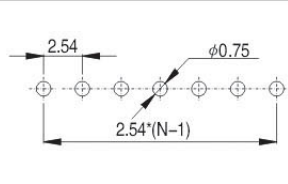
152-DB serie



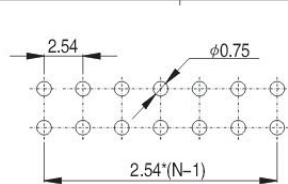
PCB Layout (Single row)



PCB Layout (Double row)

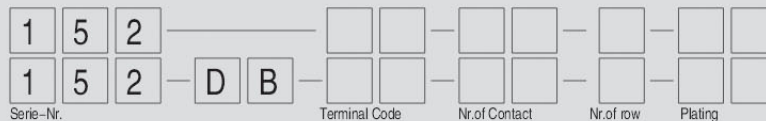


PCB Layout (Single row)



PCB Layout (Double row)

How to order



(152)Dimensions(mm)			Terminal code
A	B	C	
6.50	2.30	2.50	08
8.30	3.40	3.30	09
11.30	6.30	3.30	12
12.60	7.60	3.30	13
14.70	9.70	3.30	15
As request XXX/XXX/XXX			
FOR Eg,A=6.50,B=2.3,C=2.5			
CODE Nr. =6.5/2.3/2.5			

(152-DB)Dimensions(mm)				Terminal code
A	B	C	D	
13.5	2.30	2.50	8.7	08
17.5	3.40	3.30	10.80	09
As request XXX/XXX/XXX				
FOR Eg,B=2.3,C=2.5,D=8.7				
CODE Nr. =2.3/2.5/8.7				

Number of contact	Code
02-40-poles Single	02-40
04-80-poles Double	04-80

Number of row	Code
Single row	1
Double row	2

Plating option	Code
Gold plated	10
Tin plated	50

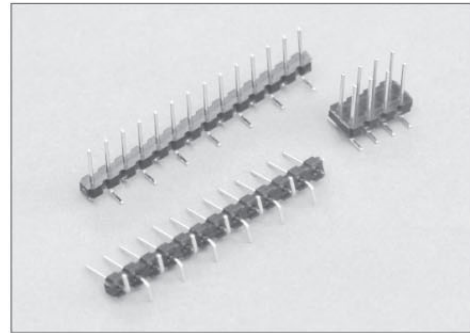
W.E.

152-1

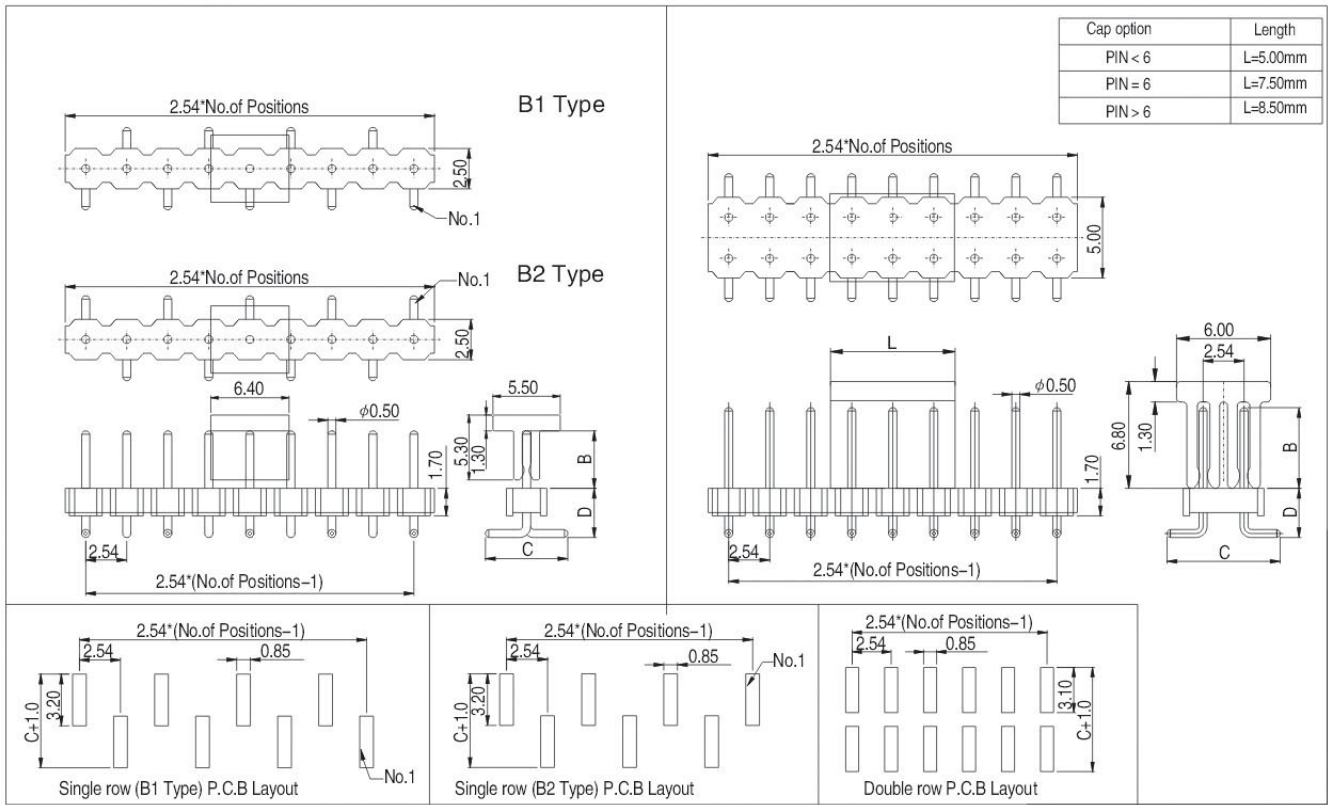
Pin-Header-Strips with round contact 2.54mm pitch Vertical SMT Type

Technical Data :

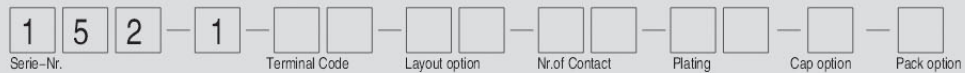
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	φ0.50mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	2.54mm Pitch PCB connector



RoHS Compliant



How to order



Dimensions(mm)(Single)			Terminal code	Dimensions(mm)(Double)			Terminal code	Layout option		Plating option	
B	C	D		B	C	D			Code		Code
2.1(min)	4.2(min)	3.4(min)		2.1(min)	6.94(min)	3.4(min)	00	Single row B1 TYPE	11	Gold plated	10
3.60	4.20	4.80	10	3.60	6.94	4.80	10	Single row B2 Type	12	Tin plated	50
7.5(max)	7.6(max)	5.0(max)		7.5(max)	9.1(max)	5.0(max)	99	Double row	20		
As request XXX/XXX/XXX				As request XXX/XXX/XXX				Number of contact		Code	
FOR Eg.B=4.00,C=5.5,D=3.8				FOR Eg.B=4.00,C=7.2,D=3.8				02-25-poles Single	02-25	Pick & Place Pad Code	
CODE Nr. =4.0/5.5/3.8				CODE Nr. =4.0/7.2/3.8				04-40-poles Double	04-40	W/ Cap 1	
										W/O Cap 2	
										Packing Option Code	
										Tube 1	
										Tape & Reel 2	

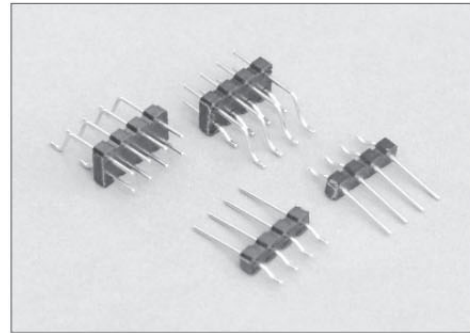
W.E.

152-2

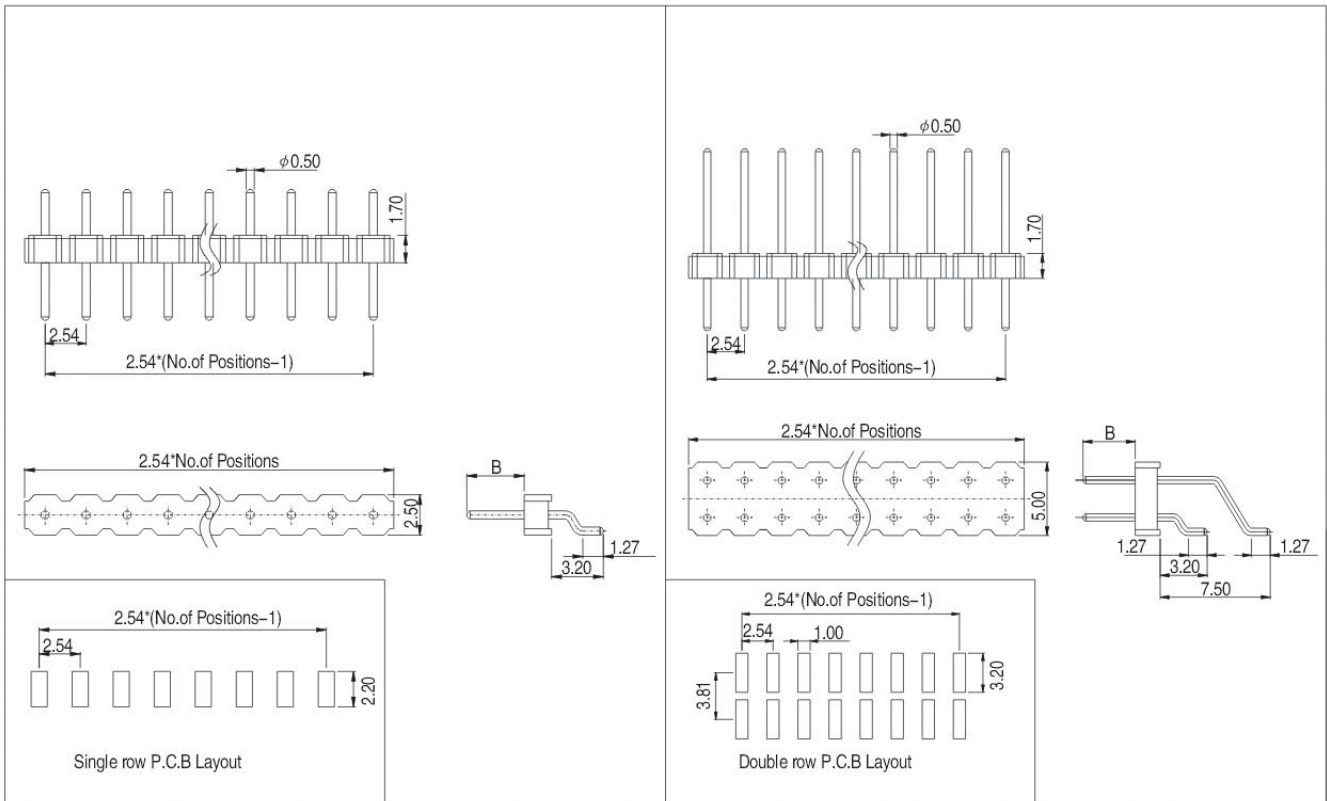
Pin-Header-Strips with round contact 2.54mm pitch Horizontal SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	φ0.50mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	2.54mm Pitch PCB connector



RoHS Compliant



How to order



Dimensions(mm)	Terminal code
B	
2.1(min)	
3.60	10
11.5(max)	
As request	XXX
FOR Eg,B=4.00, CODE Nr. =4.00	

Layout option	Code
Single row	1
Double row	2

Number of contact	Code
02-25-poles Single	02-25
04-40-poles Double	04-40

Plating option	Code
Gold plated	10
Tin plated	50

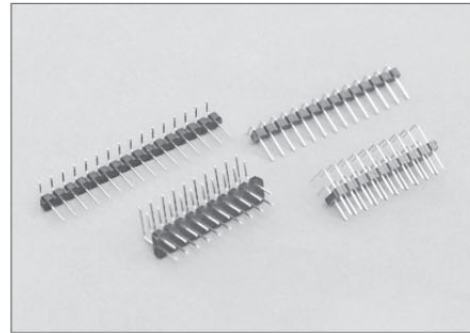
W.E.

152-3

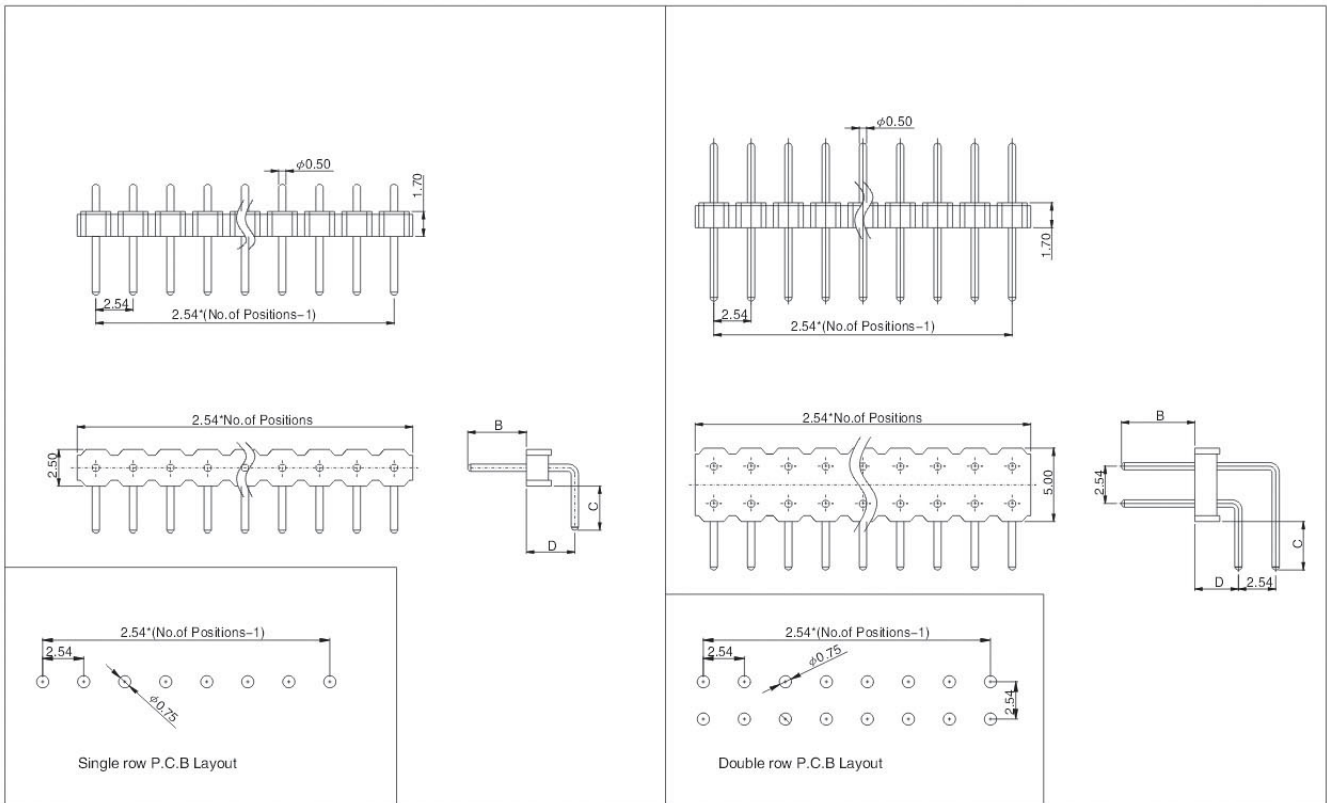
Pin-Header-Strips-Single/Double row with round contact 2.54mm pitch-Right angle

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	φ0.50mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	2.54mm Pitch PCB connector



RoHS Compliant



How to order



Dimensions(mm)		Terminal code
B	C	
2.1 (min)	1.00 (min)	
3.50	3.30	10
5.5 (max)	5.0 (max)	
As request		XXX/XXX
FOR Eg, B=4.0, C=3.0		
CODE Nr. =4.0/3.0		

Dimensions "D"	Code
3.20 (Min)	3.20
3.60	3.60
5.0 (max)	5.0
As request For Eg, D=4.0 Code Nr.=4.0	XX

Number of contact	Code
02-25-poles Single	02-30
04-40-poles Double	04-60

Plating option	Code
Gold plated	10
Tin plated	50

Layout option	Code
Single row	1
Double row	2

W.E.

143A

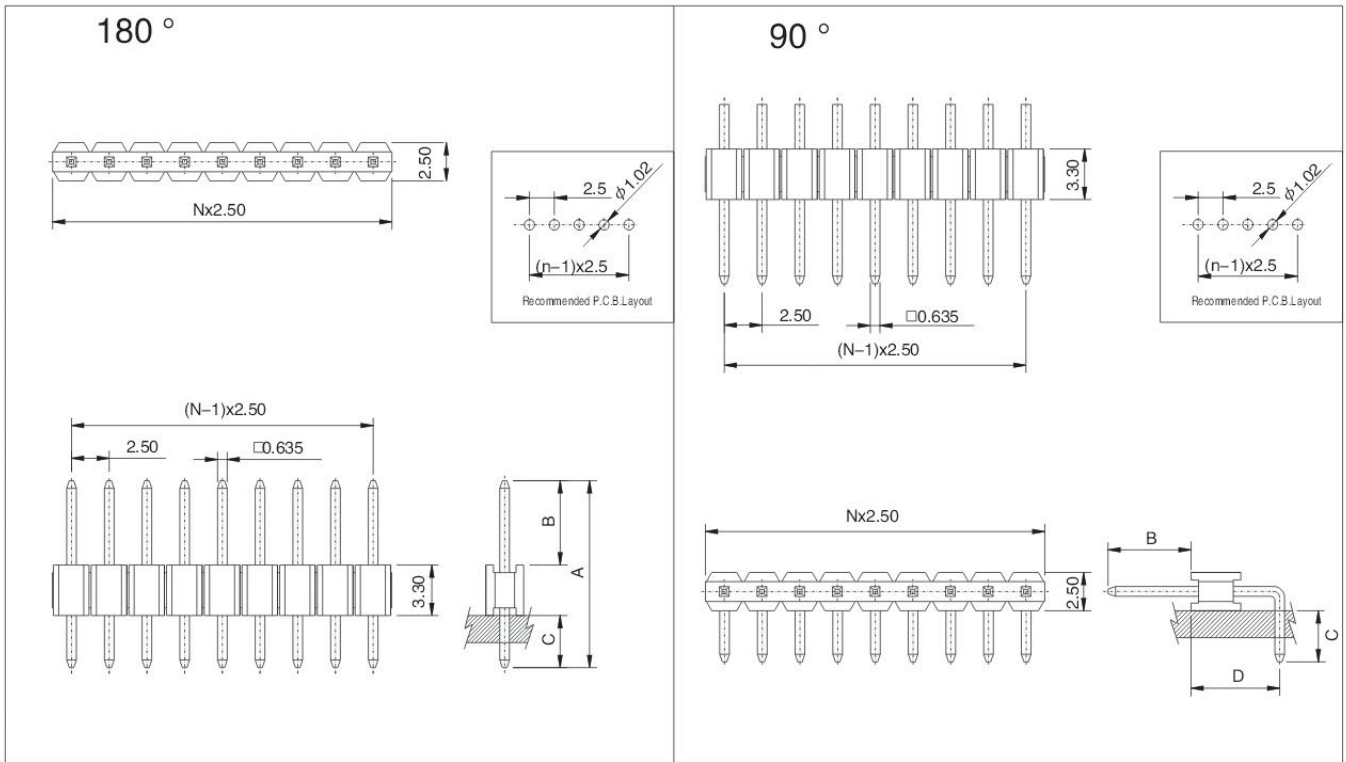
Pin-Header-Strips-Single row -2.50 mm pitch profile: 3.3mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



RoHS Compliant



How to order

1
4
3
A

Serie-Nr. Terminal code Connector Type Nr. of contact Plating option

Terminal code	Dimensions(mm)			180 °
	A	B	C	
10	10.20	4.40	2.50	
11	10.80	5.00	2.50	
12	11.30	4.70	3.30	
13	12.60	6.00	3.30	
14	14.00	7.40	3.30	
15	14.80	8.20	3.30	
16	17.90	11.30	3.30	
17	19.80	13.20	3.30	
18	21.60	15.00	3.30	
19	22.80	16.20	3.30	
20	24.90	18.30	3.30	
26	14.50	7.90	3.30	

AS Request B/C
 FOR EX. B:7.0C:3.0
 CODE Nr.:7.0/3.0

Terminal code	Dimensions(mm)			90 °
	B	C	D	
12	3.50	3.30	4.70	
13	4.80	3.30	4.70	
14	6.10	3.30	4.70	
15	6.90	3.30	4.70	
16	9.90	3.30	4.70	
17	12.00	3.30	4.70	
18	13.80	3.30	4.70	
19	15.00	3.30	4.70	
20	17.10	3.30	4.70	

xxx/xx As request For EX.
 B=6.50 C=3.0 D=4.9
 Code Nr.=6.50/3.0/4.9

Connector Type	Code
Straight 180 °	10
Right Angle 90 °	20

Number of contact	Code
01 ~ 40pins	01 ~ 40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

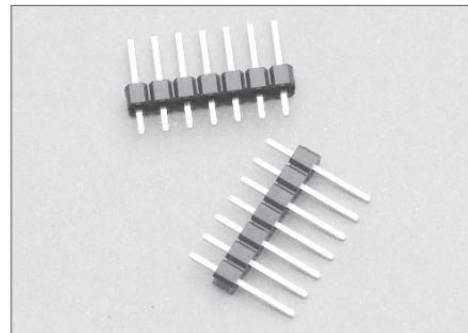
W.E.

143

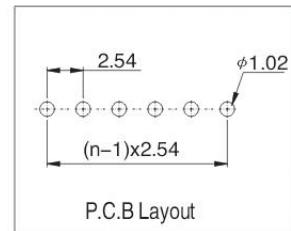
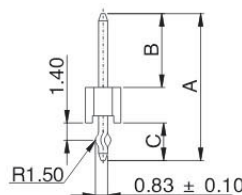
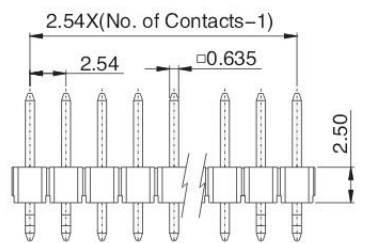
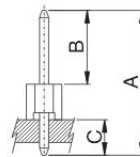
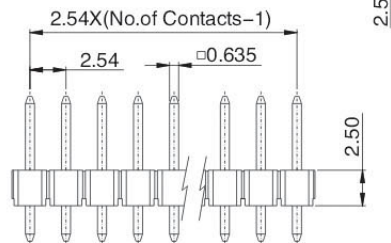
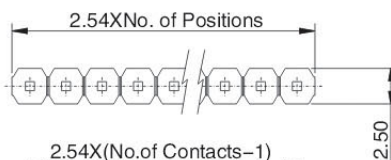
Pin-Header-Strips-Single row -2.54 mm pitch

Technical Data :

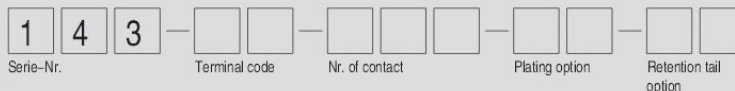
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625



RoHS Compliant



How to order



Terminal code	Dimensions(mm)			Terminal code	Dimensions(mm)		
	A	B	C		A	B	C
10	10.20	5.20	2.50	17	19.80	14.00	3.30
11	10.80	5.80	2.50	18	21.60	15.80	3.30
12	11.30	5.50	3.30	19	22.80	17.00	3.30
13	12.60	6.80	3.30	20	24.90	19.10	3.30
14	14.00	8.20	3.30	26	14.50	8.90	3.10
15	14.80	9.00	3.30	XXX/XXX	AS Request B/C FOR Eg. B:7.0 C:3.0 CODE Nr.=7.0/3.0		
16	17.90	12.10	3.30				

Number of contact	Code
143 SERIES 01 ~ 50pins	01 ~ 50

Retention tail option	Code
Without Retention	10
With Retention	20

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

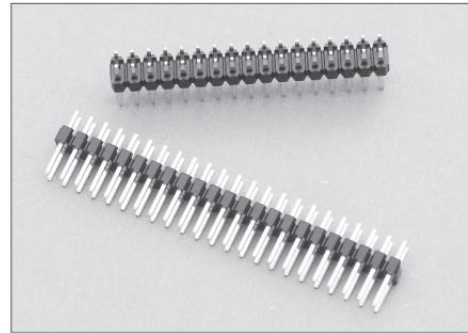
W.E.

144

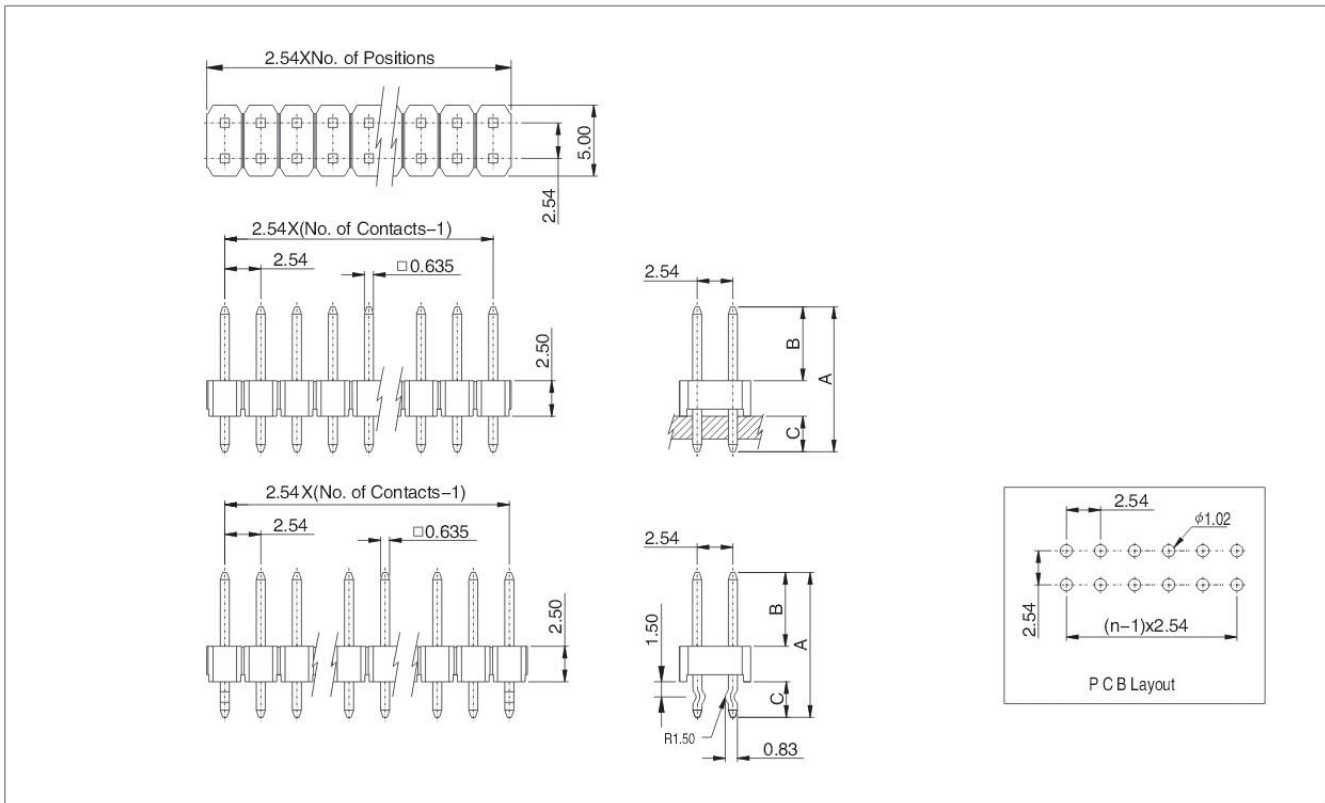
Pin-Header-Strips-Double row -2.54 mm pitch

Technical Data :

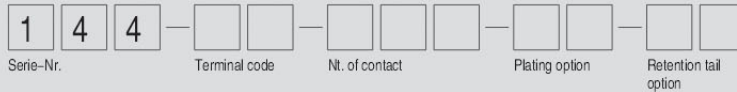
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,165,342,623,624,625



RoHS Compliant



How to order



Terminal code	Dimensions(mm)			Terminal code	Dimensions(mm)		
	A	B	C		A	B	C
10	10.20	5.20	2.50	17	19.80	14.00	3.30
11	10.80	5.80	2.50	18	21.60	15.80	3.30
12	11.30	5.50	3.30	19	22.80	17.00	3.30
13	12.60	6.80	3.30	20	24.90	19.10	3.30
14	14.00	8.20	3.30	26	14.50	8.90	3.10
15	14.80	9.00	3.30	AS Request B/C FOR Eg. B:7.0C:3.0 CODE Nr.=7.0/3.0			
16	17.90	12.10	3.30				

Number of contact	Code
144 SERIES 04 - 100pins	04 - 100

Retention tail option	Code
Without Retention	10
With Retention	20

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

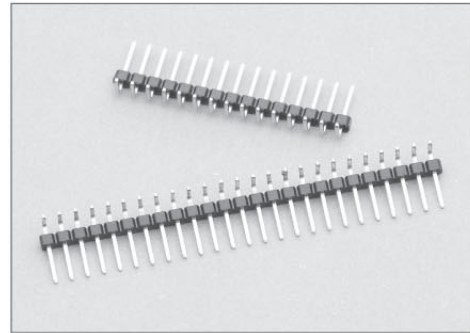
W.E.

143B

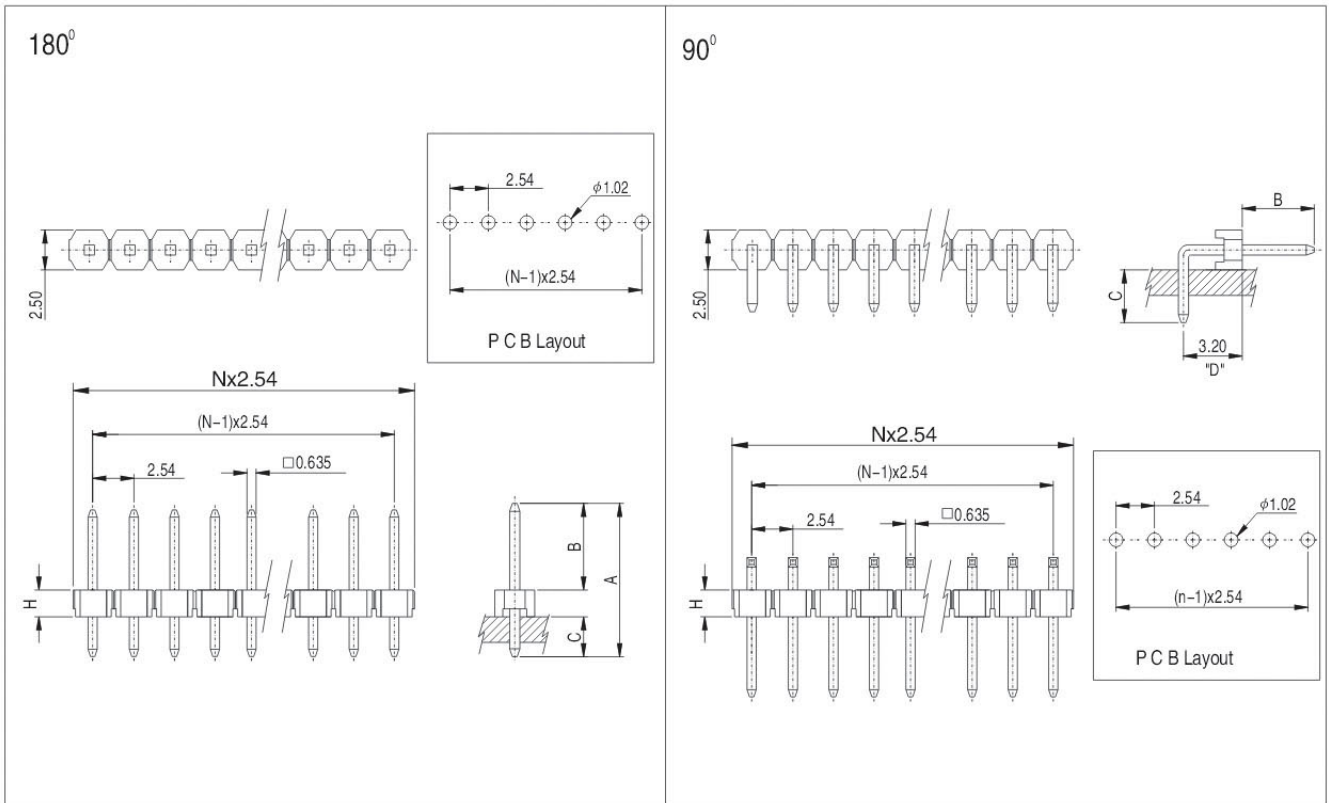
Pin-Header-Strips-Single row -2.54 mm pitch profile: 1.5mm&1.7mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625



RoHS Compliant



How to order

1
4
3
B

Serie-Nr. Terminal code Connector Type Nt. of contact Plating option

Terminal code	Dimensions 180	
	B	C
10	6.00	2.50
11	6.60	2.50
12	6.30	3.30
13	7.60	3.30
14	9.00	3.30
15	9.80	3.30
16	12.90	3.30
17	14.80	3.30
18	16.60	3.30
19	17.80	3.30
20	19.90	3.30
26	9.50	3.30

XXX/XXX AS Request B/C FOR Eg. B:7.0C:3.0 CODE Nr.=7.0/3.0

Terminal code	Dimensions(mm)90°		
	B	C	D
12	3.50	3.30	3.20
13	4.80	3.30	3.20
14	6.10	3.30	3.20
15	6.90	3.30	3.20
16	9.90	3.30	3.20
17	12.00	3.30	3.20
18	13.80	3.30	3.20
19	15.00	3.30	3.20
20	17.10	3.30	3.20

xxx/xx As request For Eg. B=6.50 C=3.0 D=3.5 Code Nr.=6.50/3.0/3.5

Connector Type	Code
H=1.7 Straight 180°	10
H=1.7 Right Angle 90°	20
H=1.5 Straight 180°	11
H=1.5 Right Angle 90°	21

Number of contact	Code
143 B SERIES 01 - 40pins	01-40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

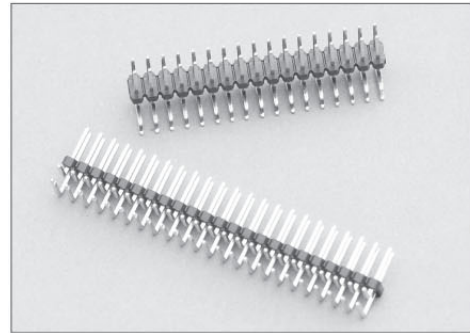
W.E.

144B

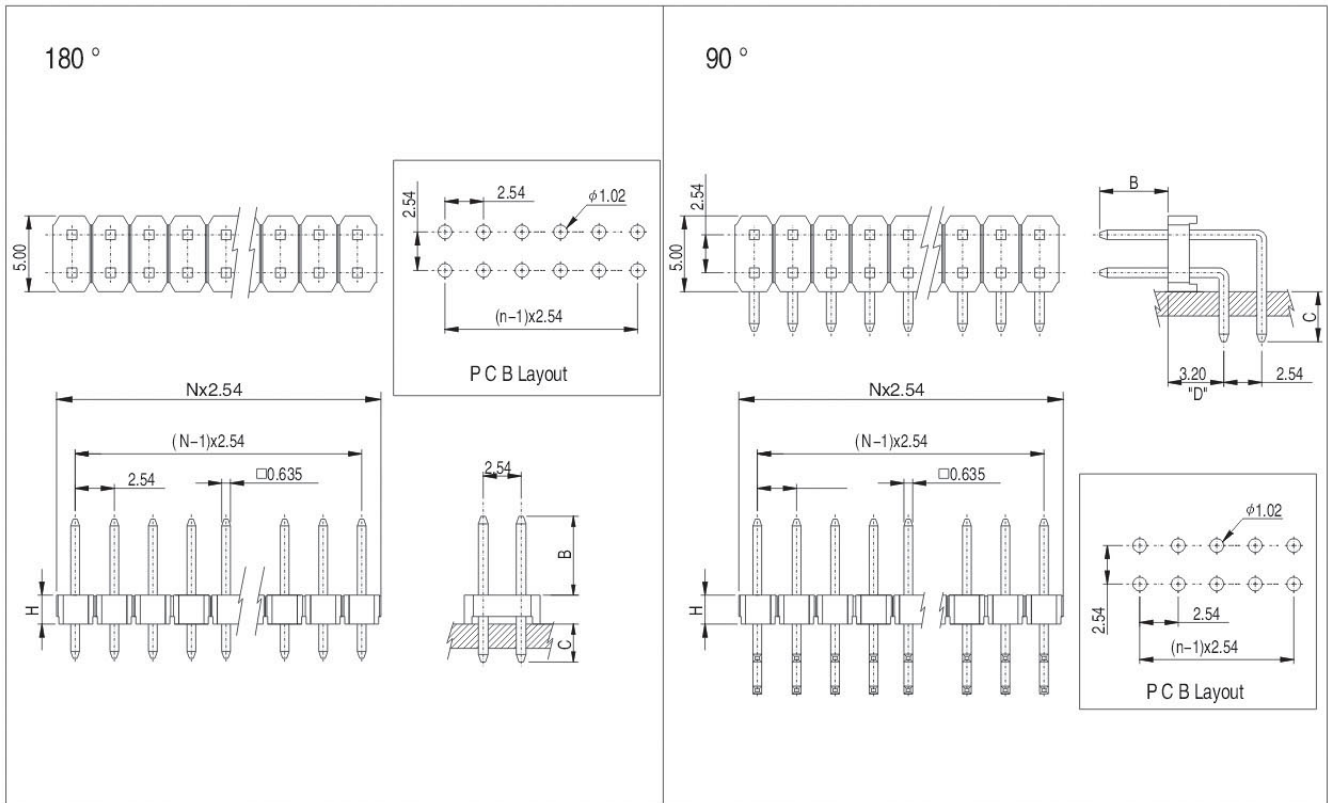
Pin-Header-Strips-Double row -2.54 mm pitch profile: 1.5mm&1.7mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625



RoHS Compliant



How to order

- - - -

Serie-Nr. Terminal code Connector Type Nt. of contact Plating option

Terminal code	Dimensions 180°	
	B	C
10	6.00	2.50
11	6.60	2.50
12	6.30	3.30
13	7.60	3.30
14	9.00	3.30
15	9.80	3.30
16	12.90	3.30
17	14.80	3.30
18	16.60	3.30
19	17.80	3.30
20	19.90	3.30
26	9.50	3.30

XXX/XXX AS Request B/C FOR Eg. B:7.0C:3.0 CODE Nr.:7.0/3.0

Terminal code	Dimensions 90°		
	B	C	D
12	3.50	3.30	3.20
13	4.80	3.30	3.20
14	6.10	3.30	3.20
15	6.90	3.30	3.20
16	9.90	3.30	3.20
17	12.00	3.30	3.20
18	13.80	3.30	3.20
19	15.00	3.30	3.20
20	17.10	3.30	3.20

xxx/xx As request For Eg. B=6.50 C=3.0 D=3.5 Code Nr.=6.50/3.0/3.5

Connector Type	Code
H=1.7 Straight 180°	10
H=1.7 Right Angle 90°	20
H=1.5 Straight 180°	11
H=1.5 Right Angle 90°	21

Number of contact	Code
144 B SERIES 04 - 80pins	04-80

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

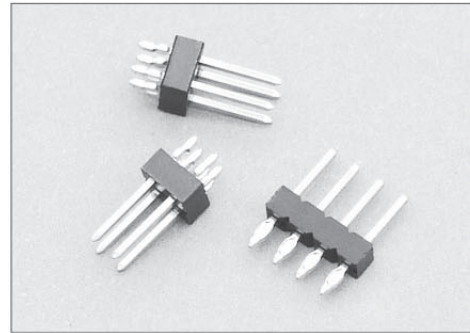
W.E.

143PF, 144PF

Pin-Header-Press-Fit-Single/Double row-2.54mm Pitch

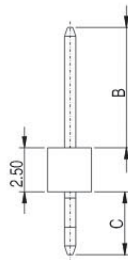
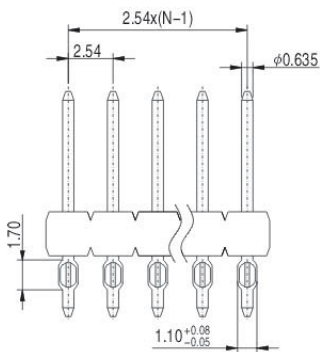
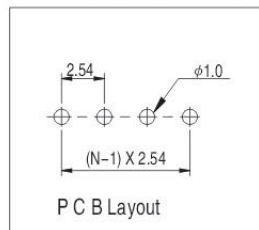
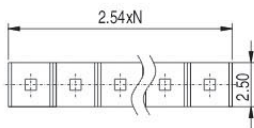
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625

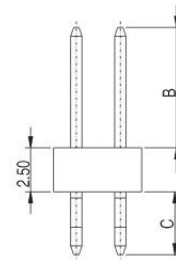
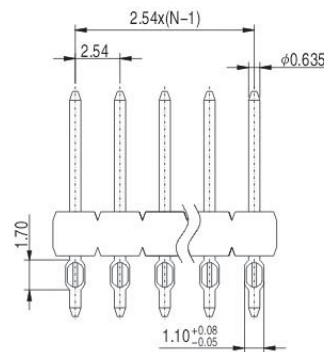
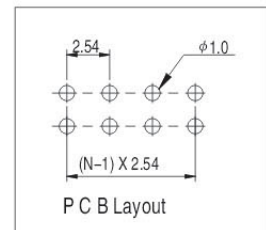
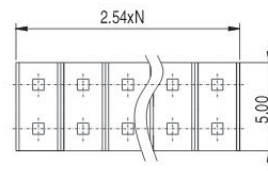


RoHS Compliant

143PF



144PF



How to order

1	4	3	P	F	-						
1	4	4	P	F	-						
Serie-Nr.			Terminal code			Nr. of contact			Plating option		

Terminal code	Dimensions(mm)		Terminal code	Dimensions(mm)	
	B	C		B	C
10A	5.2	3.3	10B	5.2	6.5
13A	6.8	3.3	13B	6.8	6.5
14A	8.1	3.3	14B	8.1	6.5
15A	10.2	3.3	15B	10.2	6.5
16A	13.0	3.3	16B	13.0	6.5
XXX/XXX	as request B/C FOR Eg. B=7.0,C=6.5, CODE Nr.=7.0/6.5				

Number of contact	Code	Plating option	Code
143PF01-40pins	01-40	Selective gold flash plated	60
144PF02-80pins	02-80	10u*Selective gold plated	610
		15u*Selective gold plated	615
		20u*Selective gold plated	620
		30u*Selective gold plated	630

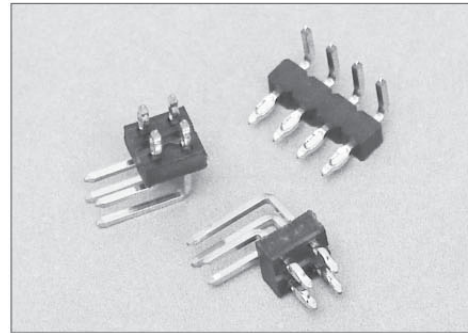
W.E.

146PF, 147PF

Pin-Header-Press-Fit-Single row&Double Row-Right Angle -2.54 mm pitch

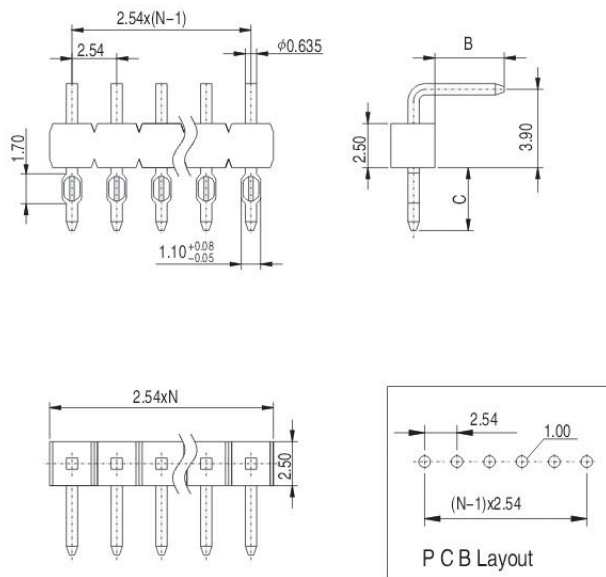
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625

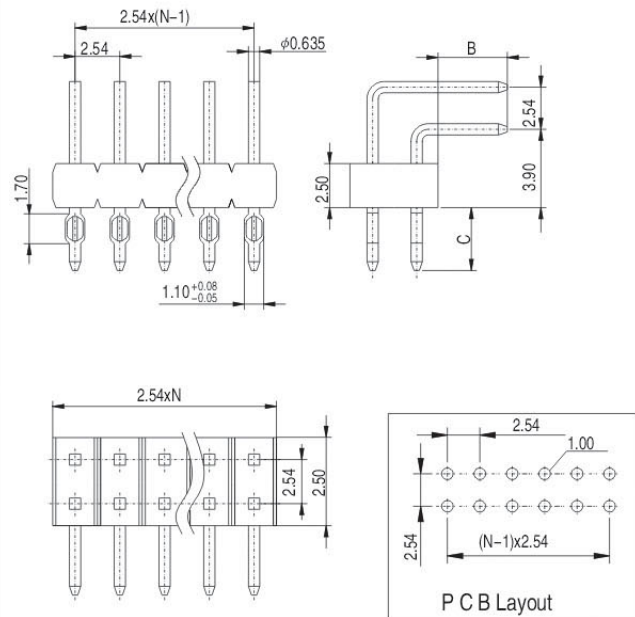


RoHS Compliant

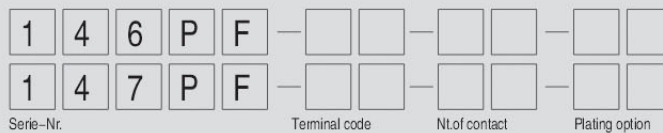
146PF



147PF



How to order



Terminal code		Code
B	C	
2.8	3.3	10
5.6	3.3	20
As request		XXXX
For Eg. B=7.0 C=3.0		
Code Nr.=7.0/3.0		

Number of contact	Code
146 Series 01 ~ 40pins	01-40
147 Series 02 ~ 80pins	02-80

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

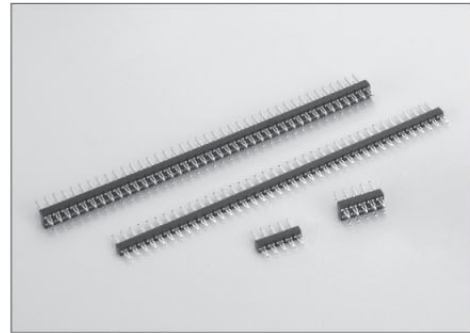
W.E.

143PF-N, 144PF-N

Pin-Header-Press-Fit-Single/Double row-2.54mm Pitch

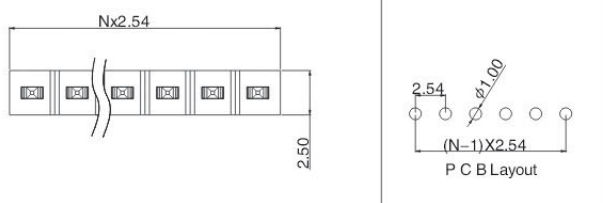
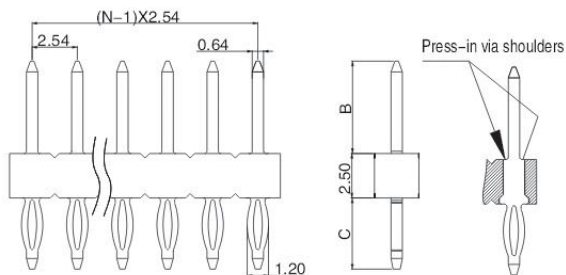
Technical Data :

Insulator Material:	High Temperature Thermoplastic, PA6T, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,623,624,625

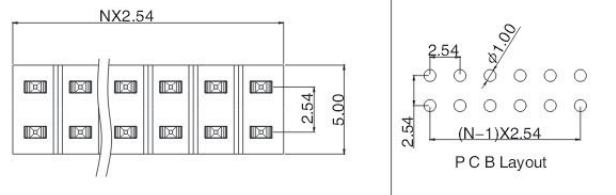
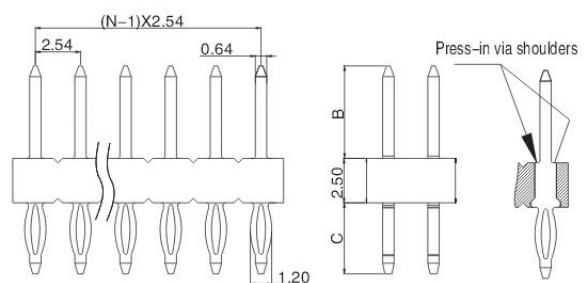


RoHS Compliant

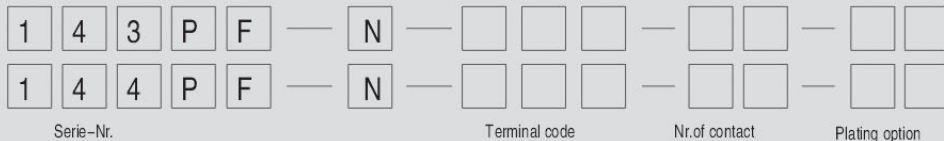
143PF-N



144PF-N



How to order



Terminal code	Dimensions(mm)		Terminal code	Dimensions(mm)	
	B	C		B	C
10A	5.2	4.0	10B	5.2	6.5
12A	5.5	4.0	13B	6.8	6.5
13A	6.8	4.0	14B	8.0	6.5
14A	8.0	4.0			
XXX/XXX	as request B/C FOR Eg. B=7.0,C=6.5, CODE Nr.=7.0/6.5				

Number of contact	Code
143PF-N 01-40pins	01-40
144PF-N 02-80pins	02-80

Plating option	Code
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

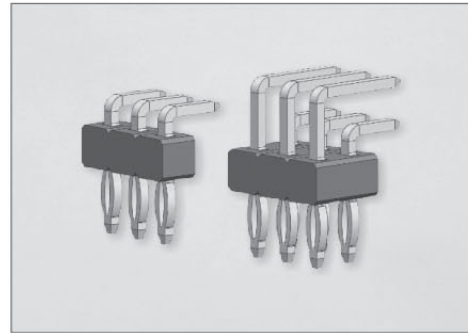
W.E.

146PF-N, 147PF-N

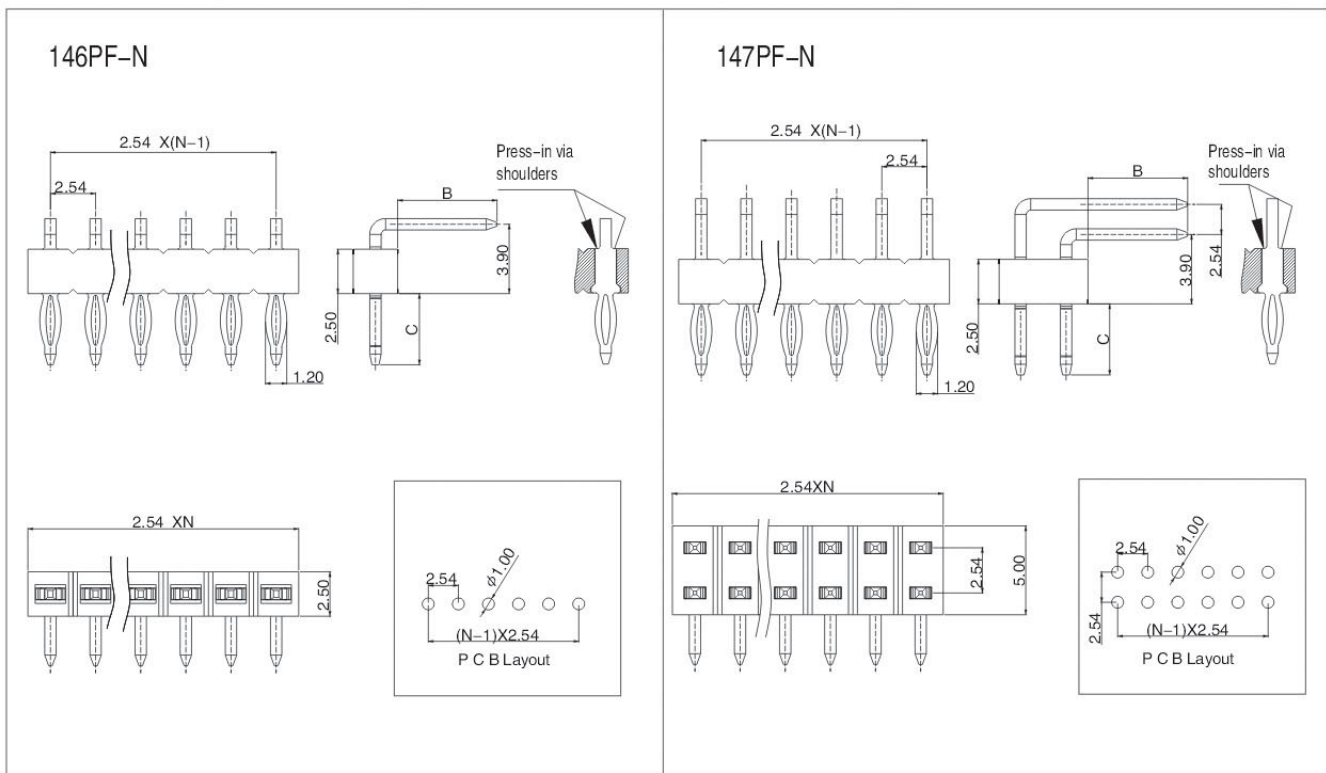
Pin-Header-Press-Fit-Single&Double Row-Right Angle-2.54mm Pitch B-Type

Technical Data :

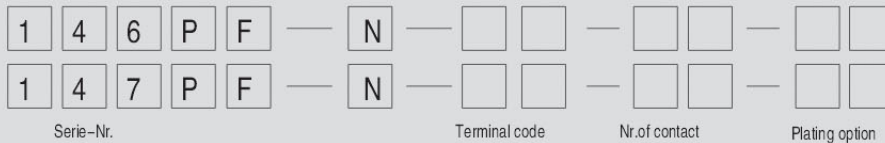
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	Copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157, 158, 159, 160, 162, 342, 623, 624, 625



RoHS Compliant



How to order



Terminal code		Code
B	C	
5.6	4.0	20
As request		XX/XX
For Eg. B=7.0 C=4.0		
Code Nr.=7.0/4.0		

Number of contact	Code
146PF-N 01-40pins	01-40
147PF-N 02-80pins	02-80

Plating option	Code
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

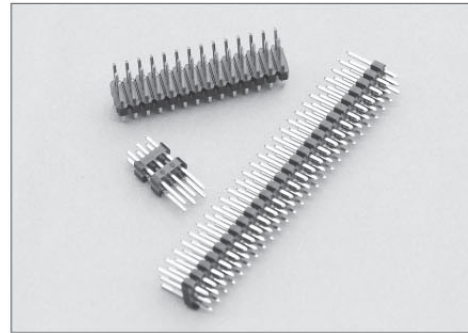
W.E.

145,151

Pin-Header-Strips Triple row -2.54 mm pitch & Dual body type

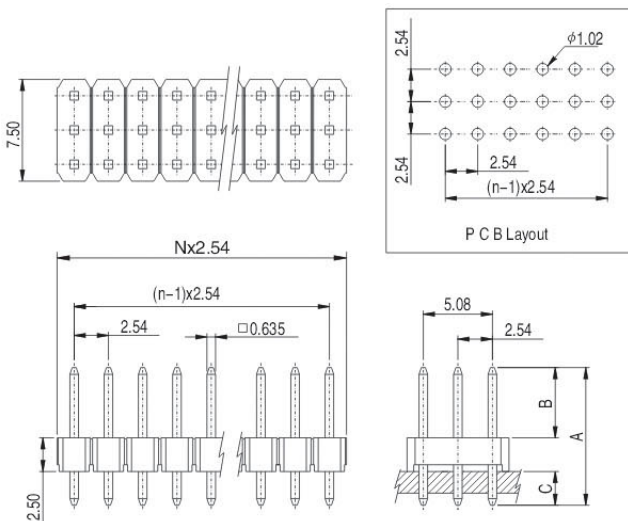
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,622

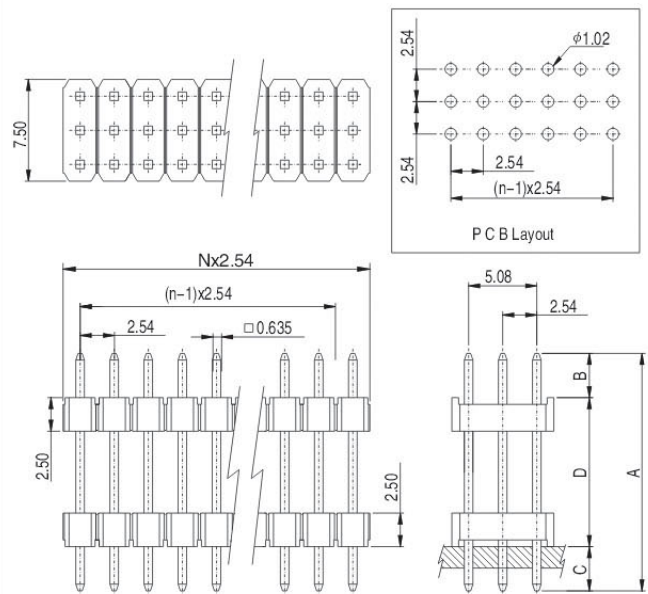


RoHS Compliant

145 Serie



151 Serie



How to order

1	4	5	—	—	—	—	—	—	—
1	5	1	—	—	—	—	—	—	—
Serie-Nr.			Terminal code			Nr.of Contact		Plating option	

Terminal code	(145) Dimensions(mm)		
	A	B	C
10	10.20	5.20	2.50
11	10.80	5.80	2.50
12	11.30	5.50	3.30
13	12.60	6.80	3.30
14	14.00	8.20	3.30
15	14.80	9.00	3.30
16	17.90	12.10	3.30
17	19.80	14.00	3.30
18	21.60	15.80	3.30
19	22.80	17.00	3.30
20	24.90	19.10	3.30
26	14.50	8.90	3.10

Terminal code	(151) Dimensions(mm)			
	A	B	C	D
16	17.70	5.70	3.30	8.70
17	19.80	5.70	3.30	10.80
18	21.60	5.70	3.30	12.60
19	22.80	5.70	3.30	13.80
20	24.90	5.70	3.30	15.90
21	26.70	5.70	3.30	17.70
22	29.00	5.70	3.30	20.00
23	30.80	5.70	3.30	21.80
24	37.80	5.70	3.30	28.80
25	40.80	5.70	3.30	31.80

Number of contact	Code
06-120 poles Triple	6-120

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold Flash plated	60
10u>Selective gold plated	610
15u>Selective gold plated	615
20u>Selective gold plated	620
30u>Selective gold plated	630

XXX/XXX AS Request B/C FOR Eg. B=5.2, C=2.5 CODE Nr.=5.2/2.5
 XXX/XXX As request For Eg. B=5.7 C=3.3 D=8.7 CODE Nr. = 5.7/3.3/8.7

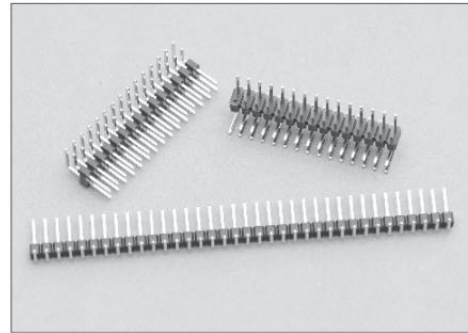
W.E.

146,147

Pin-Header-Strips-Single/Double row -2.54 mm pitch-Right angle

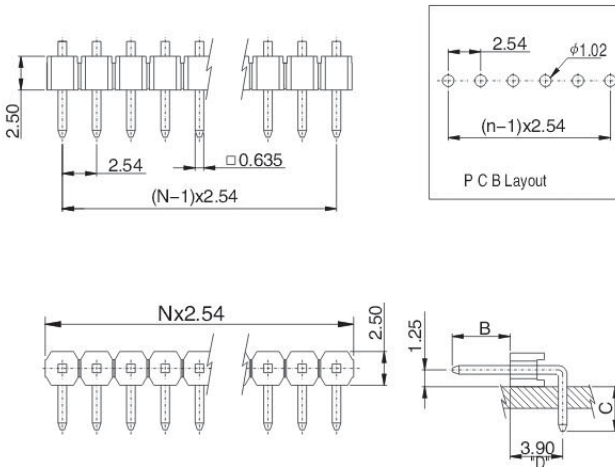
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,622,624,625

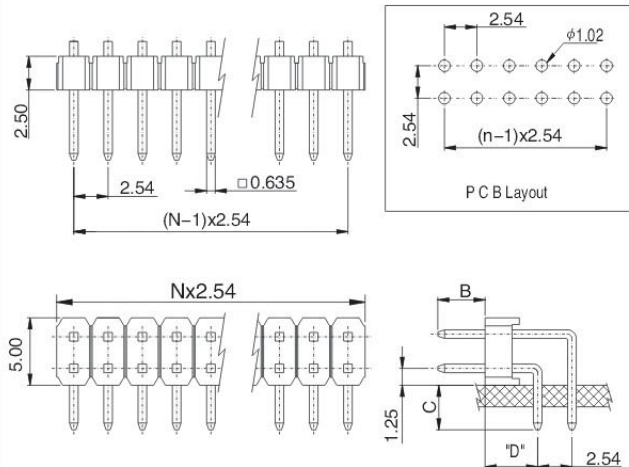


RoHS Compliant

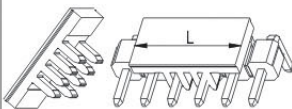
146 serie



147 serie

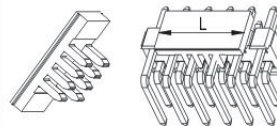


Also Available



Cap option	Cap Length
PIN ≤ 3	L=5.0mm
PIN > 3	L=10.0mm

Also Available



Cap option	Cap Length
PIN ≤ 6	L=5.0mm
PIN > 6	L=10.0mm

How to order

1	4	6	-		-		-		-		-		-		-	
1	4	7	-		-		-		-		-		-		-	
Serie-Nr.			Terminal code			Dimension "D"			Nr. of contact			Plating option				

Terminal code	Dimensions(mm)		Terminal code	Dimensions(mm)	
	B	C		B	C
12	3.50	3.30	18	13.80	3.30
13	4.80	3.30	19	15.00	3.30
14	6.10	3.30	20	17.10	3.30
15	6.90	3.30	xxx/xx	As request For Eg.	
16	9.90	3.30		B=6.50, C=3.0	
17	12.00	3.30		Code Nr.=6.50/3.0	

Pick & Place pad	Code
W / Cap	1
W / O Cap	2

Number of contact	Code
01-50-poles Single	01-50
04-100-poles Double	004-100

Dimensions "D"	Code
3.90	10
4.10	20
As request For Eg. D=4.0	XX
Code Nr.= 4.0	

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

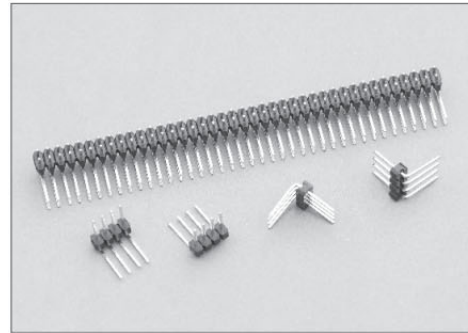
W.E.

146A, 147A

Pin-Header-Strips-Single/Double row -2.54 mm pitch-Right angle

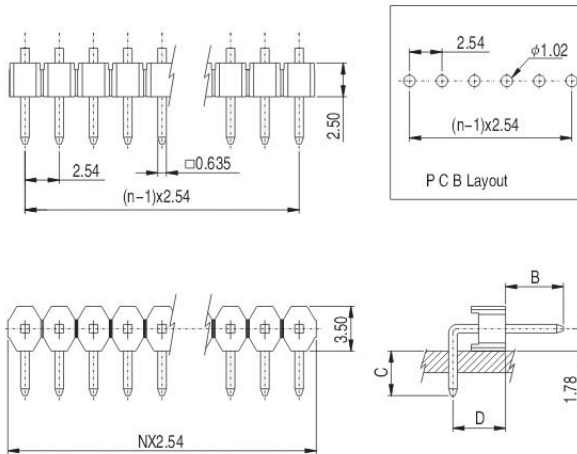
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	626

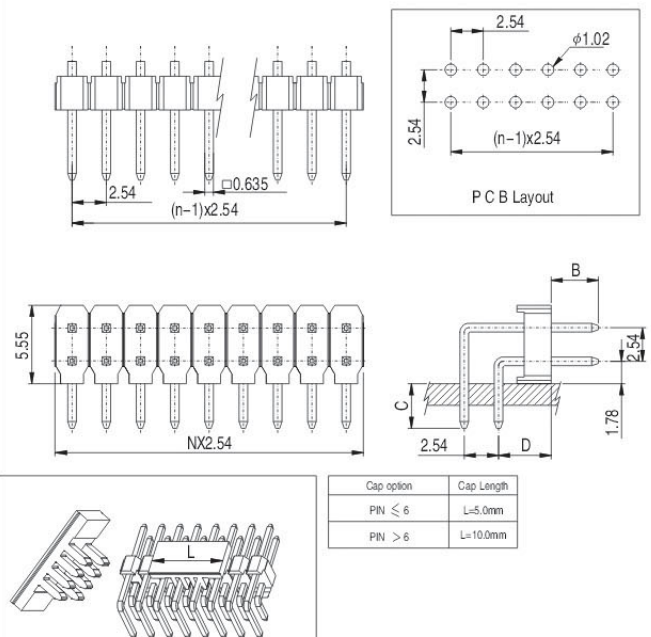


RoHS Compliant

146A serie



147A serie



How to order

- -

- -

Serie-Nr. Terminal code Dimens "D" Nr. of contact Plating option Cap

Terminal code	Dimensions(mm)		Terminal code	Dimensions(mm)	
	B	C		B	C
12	3.50	3.30	18	13.80	3.30
13	4.80	3.30	19	15.00	3.30
14	6.10	3.30	20	17.10	3.30
15	6.90	3.30	xxx/xx	As request	
16	9.90	3.30		B=6.50 C=3.0	
17	12.00	3.30		Code Nr.=6.5/3.0	

Dimension "D"	Code
3.90	10
4.10	20
As request For Eg. D=4.0 Code Nr.=4.0	XX

Number of contact	Code
04-80-poles Double	04-80
01-40-poles Single	01-40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u>Selective gold plated	610
15u>Selective gold plated	615
20u>Selective gold plated	620
30u>Selective gold plated	630

Pick & Place pad	Code
W / Cap	1
W / O Cap	2

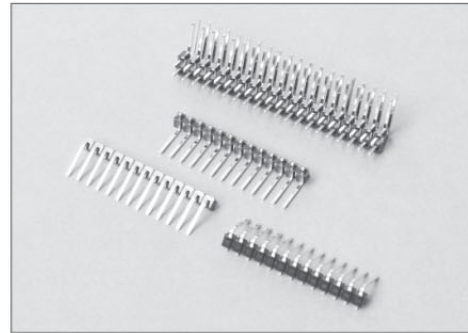
W.E.

146B, 147B

Pin-Header-Strips-Single/Double row -2.54 mm pitch-Right angle

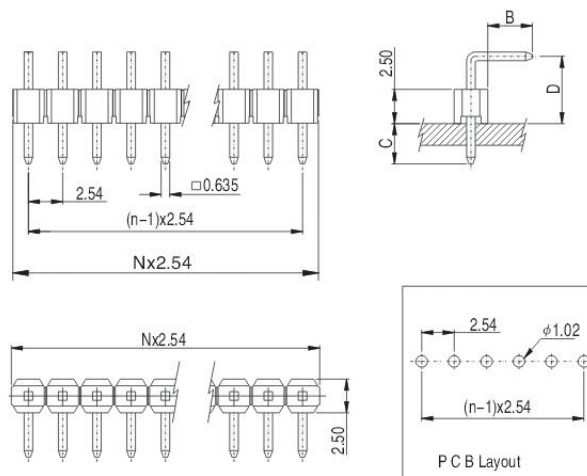
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,622,624,625

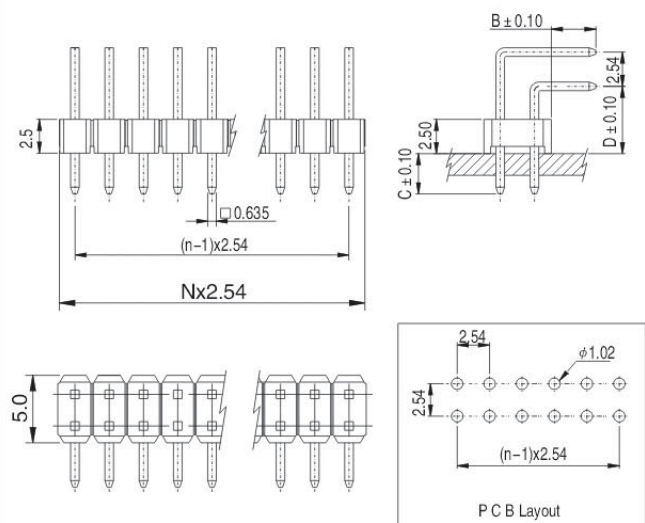


RoHS Compliant

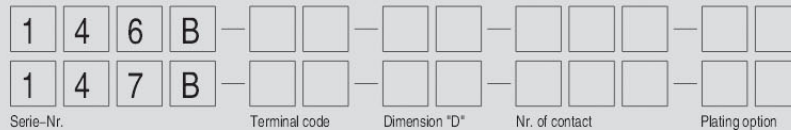
146B serie



147B serie



How to order



Terminal code	Dimensions(mm)		Terminal code	Dimensions(mm)	
	B	C		B	C
12	3.50	3.30	18	13.80	3.30
13	4.80	3.30	19	15.00	3.30
14	6.10	3.30	20	17.10	3.30
15	6.90	3.30	xxx/xx	As request For Eg.	
16	9.90	3.30		B=6.50, C=3.0	
17	12.00	3.30		Code Nr.=6.50/3.0	

Number of contact	Code
01-50-poles Single	01-50
04-100-poles Double	004-100

Dimensions "D"	Code
3.90	10
4.10	20
As request For Eg. D=4.0	XX
Code Nr.=4.0	

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

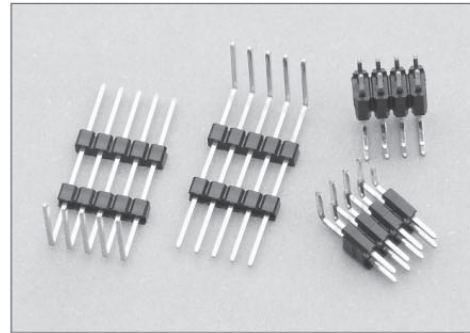
W.E.

146-1, 147-1

Pin-Header-Strips-Double row-2.54mm Right angle – Dual body type

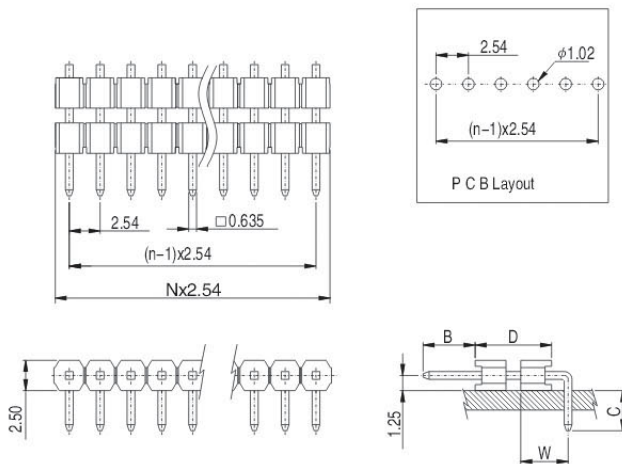
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,159,160,165,342,348,622,624,625

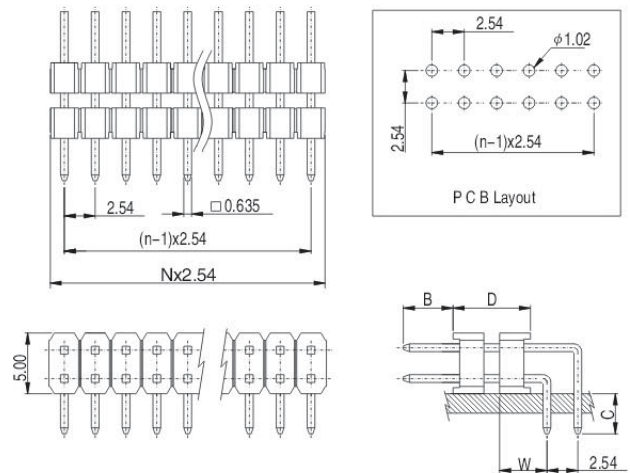


RoHS Compliant

146-1



147-1



How to order

1	4	6	—	1	—		—		—		—		—		
1	4	7	—	1	—		—		—		—		—		
Serie-Nr.				Terminal code				Nr. of contact				Plating option			

Terminal code	Dimensions(mm)			
	B	C	D	W
12	4.60	3.30	6.50	3.90
13	4.80	3.30	6.80	3.90
XX/XX/XX	as request			
FOR Eg. B=4.65,C=3.2,D=6.2,W=4.1				
CODE Nr.=4.65/3.2/6.2/4.1				

Number of contact	Code
01-50 Single	01-50
04-100 Double	04-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

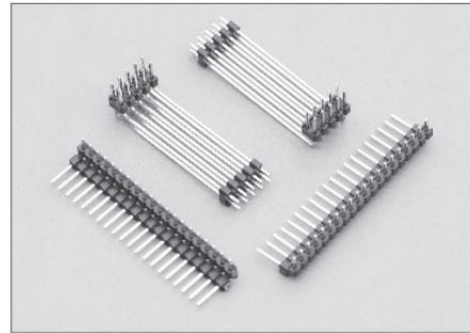
W.E.

146-2, 147-2

Pin-Header-Strips-Single/Double row-2.54mm Right angle

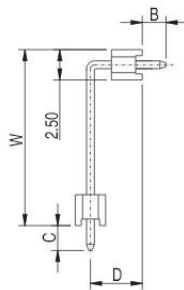
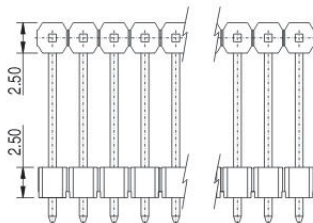
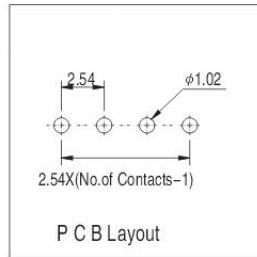
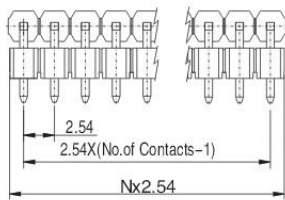
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,159,160,165,342,348,622,624,625

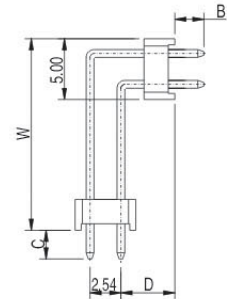
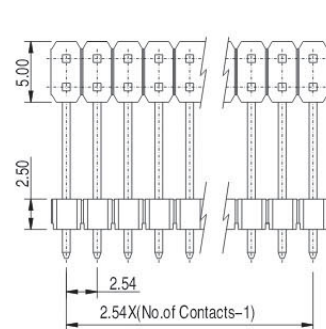
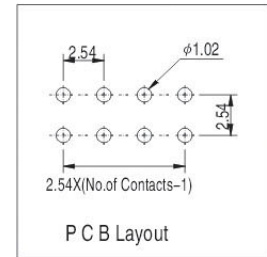
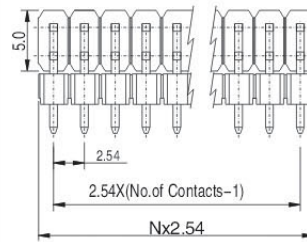


RoHS Compliant

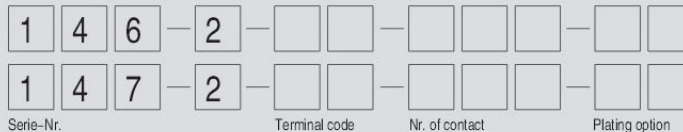
146-2



147-2



How to order



Terminal code	Dimensions(mm)			
	B	C	D	W
12	4.60	3.30	3.90	13.5
13	4.80	3.30	3.90	16.8
XX/XX/XX	as request			
FOR Eg. B=4.65,C=3.2,D=6.2,W=15.6				
CODE Nr.=4.65/3.2/6.2/15.6				

Number of contact	Code
01-50 Single	01-50
04-100 Double	04-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

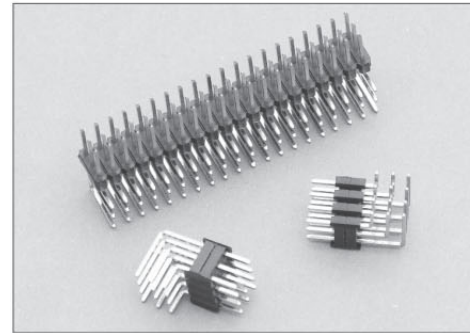
W.E.

148,148-1

Pin Header Strips 90° Triple Row 03 to 120 Contacts
Grid Pattern 2.54mm

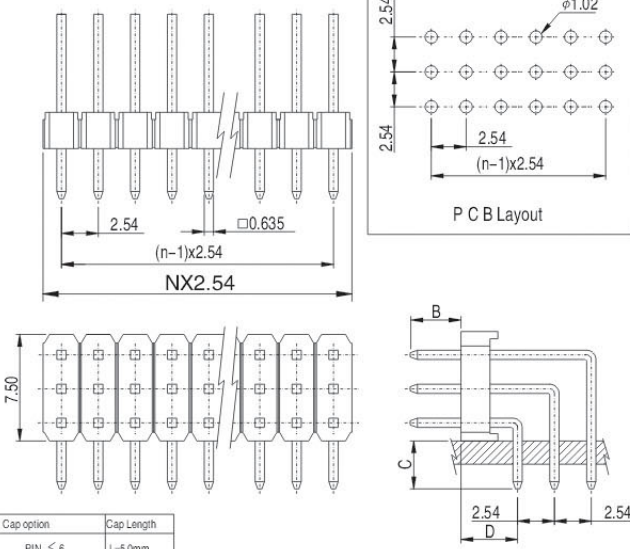
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,622

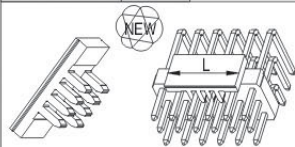


RoHS Compliant

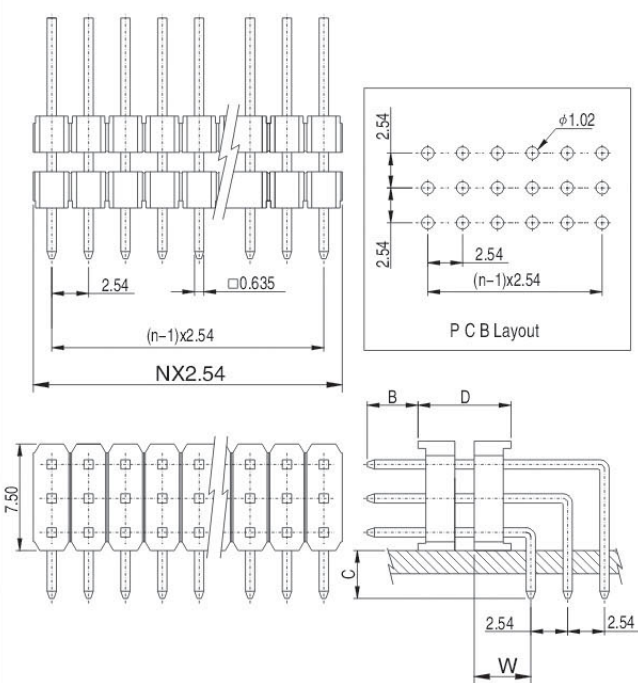
148 Serie



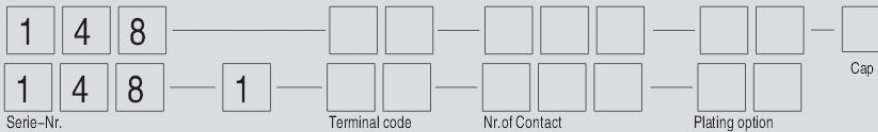
Cap option	Cap Length
PIN ≤ 6	L=5.0mm
PIN > 6	L=10.0mm



148-1 Serie



How to order



Terminal code	(148)Dimensions(mm)		
	B	C	D
14	6.10	3.30	3.90
XXX/XXX/XXX	As request		
	FOR Eg. B=3.05,C=3.3,D=4.1		
	CODE Nr. =3.05/3.3/4.1		

Terminal code	(148-1)Dimensions(mm)			
	B	C	D	W
14	6.10	3.30	6.5	3.90
XXX/XXX/XXX	As request			
	FOR Eg. B=3.05,C=3.3,D=6.2,W=4.1			
	CODE Nr. =3.05/3.3/6.2/4.1			

Number of contact	Code
006-120-poles	006-120
Pick & Place pad	Code
W /Cap(only for 148)	1
W / O Cap	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

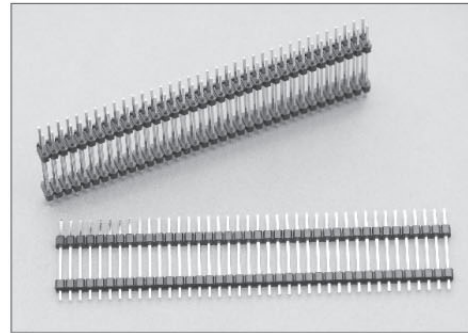
W.E.

149,150

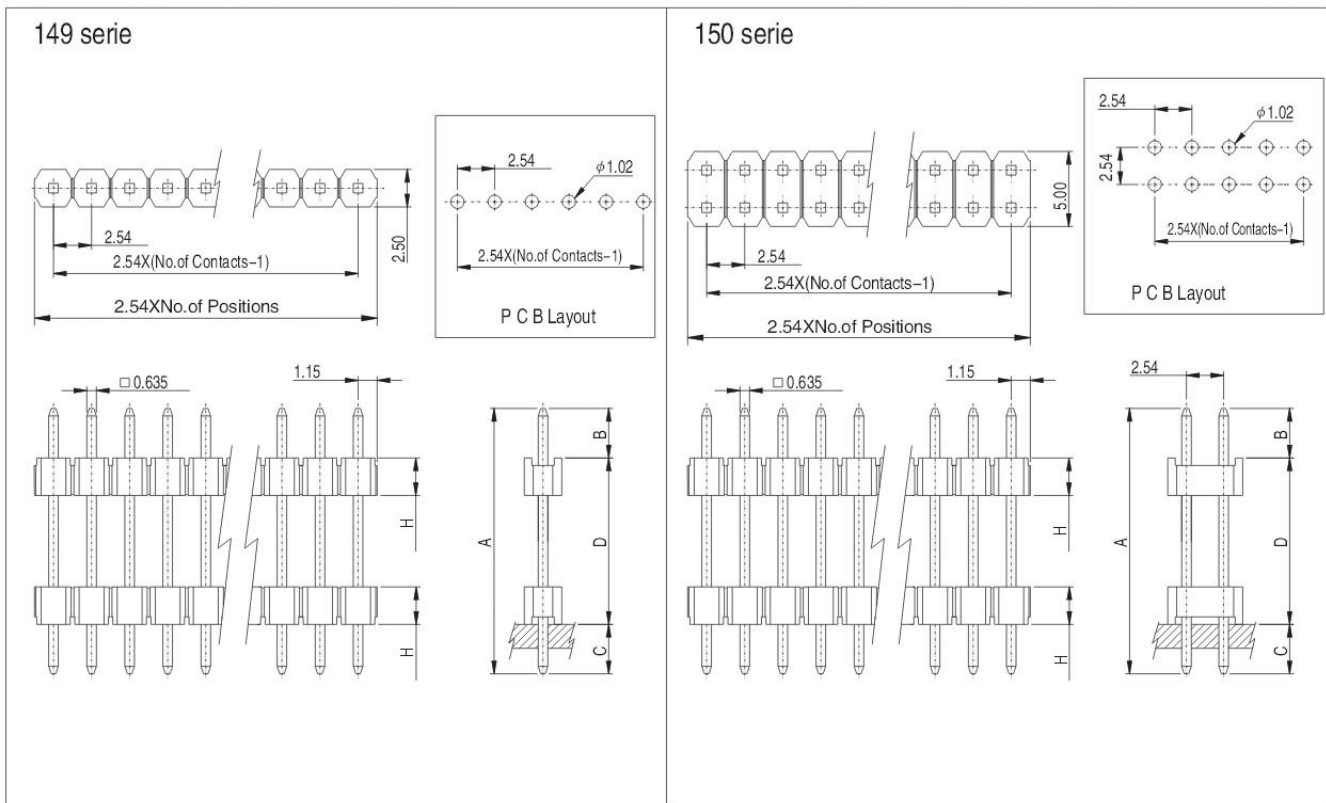
Pin-Header-Strips-Single/Double row -2.54 mm pitch-Dual body type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,158,159,160,162,342,348,623,624,625



RoHS Compliant



How to order

1	4	9								
1	5	0								
Serie-Nr.			Terminal code			Connector Type		Nr. of Contact		Plating option

Terminal code	Dimensions(mm)				Terminal code	Dimensions(mm)			
	A	B	C	D		A	B	C	D
16	17.70	5.70	3.30	8.70	22	29.00	5.70	3.30	20.00
17	19.80	5.70	3.30	10.80	23	30.80	5.70	3.30	21.80
18	21.60	5.70	3.30	12.60	24	37.80	5.70	3.30	28.80
19	22.80	5.70	3.30	13.80	25	40.80	5.70	3.30	31.80
20	24.90	5.70	3.30	15.90	xx/xx/xx As request				
21	26.70	5.70	3.30	17.70	For Eg. B=5.7 C=3.3 D=8.7				
Code Nr. = 17.7/5.7/3.3/8.7									

Number of contact	Code
01-50-poles Single	01-50
04-100-poles Double	04-100

Connector Type (insulator body height)	Code
H=1.7 mm	10
H=2.5 mm	20

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

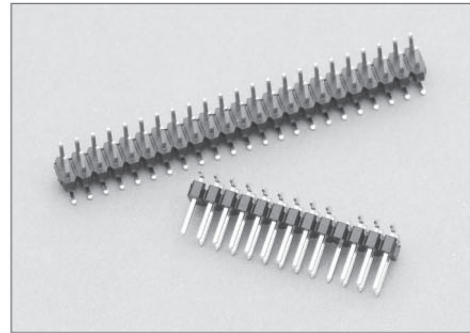
W.E.

313

Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 2.54mm pitch, Vertical Type

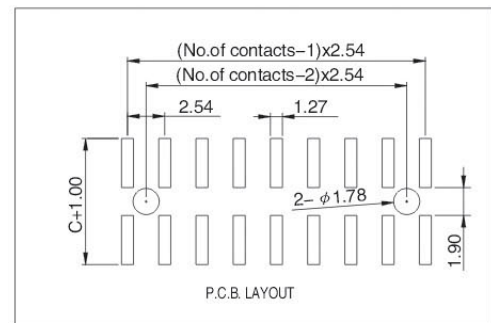
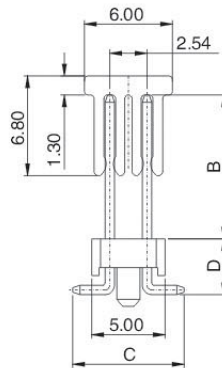
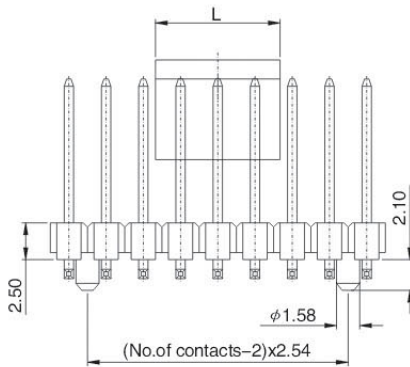
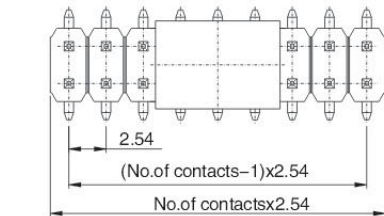
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,159,160,342,348,622,624,625



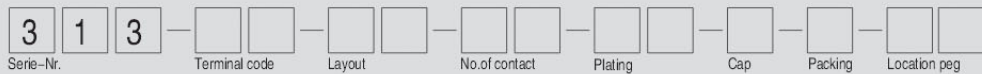
RoHS Compliant

313 serie (Vertical right angle)



Cap option	Length
PIN < 6	L=5.00mm
PIN = 6	L=7.50mm
PIN > 6	L=8.50mm

How to order



Terminal code	Dimensions(mm)		
	B	C	D
12	3.50	7.60	3.8
13	4.80	7.60	3.8
14	6.10	7.60	3.8
15	6.90	7.60	3.8
16	9.90	7.60	3.8
17	5.84	7.60	3.8
18	8.13	7.60	3.8
19	10.67	7.60	3.8
XXX	as request		

FOR Eg. B=4.60 C=6.0 D=3.9
CODE Nr = 4.60/6.0/3.9

Layout	Code
Vertical double row	23

Number of contact	Code
04-60 poles Double	04-60

Pick & Place pad	Code
W / Cap	1
W / O Cap	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W / peg	10
W / O peg	00

W.E.

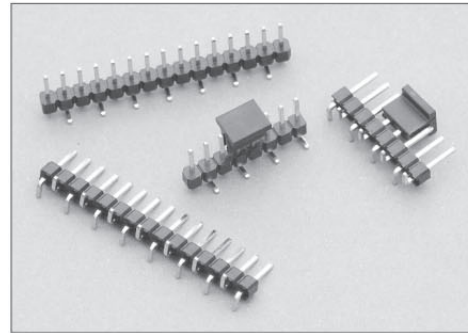
353

Pin-Header-Strips-Single row for Surface Mount Technic and High-Temperature Body 2.54mm pitch, Vertical Type

Technical Data :

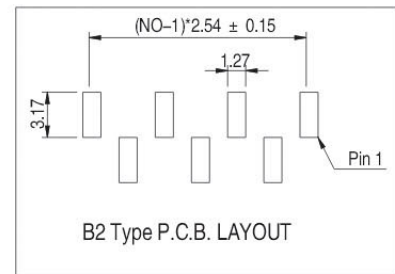
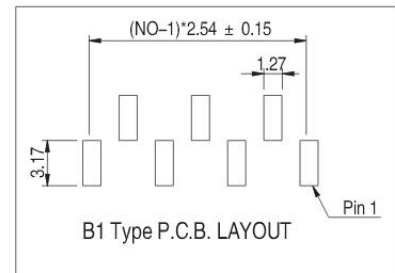
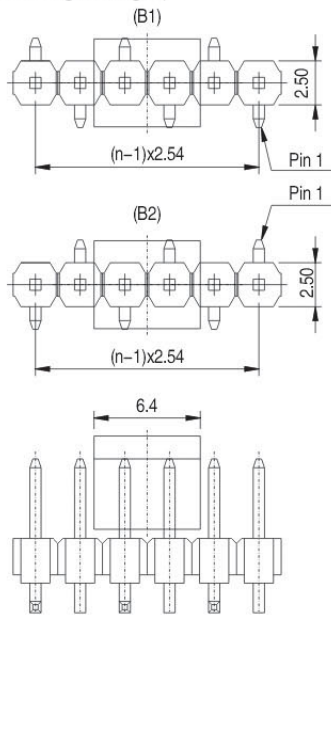
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.

Mates with : 157,158,159,160,162,342,622,623,624,625

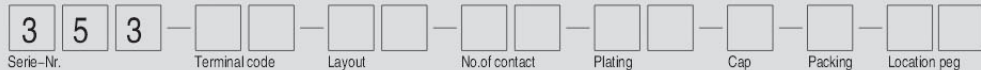


RoHS Compliant

353 serie (Vertical right angle)



How to order



Terminal code	Dimensions(mm)		
	B	C	D
12	3.50	5.08	3.8
13	4.80	5.08	3.8
14	6.10	5.08	3.8
15	6.90	5.08	3.8
16	9.90	5.08	3.8
17	5.84	5.08	3.8
18	8.13	5.08	3.8
19	10.67	5.08	3.8
XXX	as request		
FOR Eg. B=4.60 C=6.0 D=3.9			
CODE Nr = 4.60/6.0/3.9			

Layout	Code
Vertical single row B1 Type	21
Vertical single row B2 Type	22
Number of contact	Code
02-30 poles Single	02-30
Pick & Place pad	Code
W / Cap	1
W / O Cap	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W / O peg	00

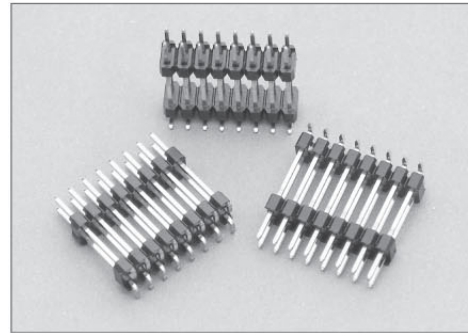
W.E.

313-1

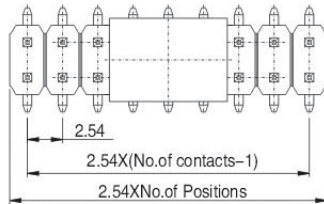
Pin Header-Double Body Type SMT Type 2.54mm pitch

Technical Data :

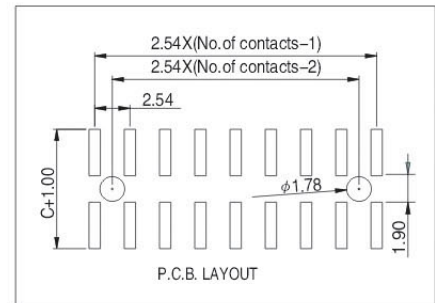
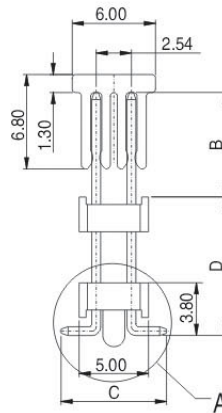
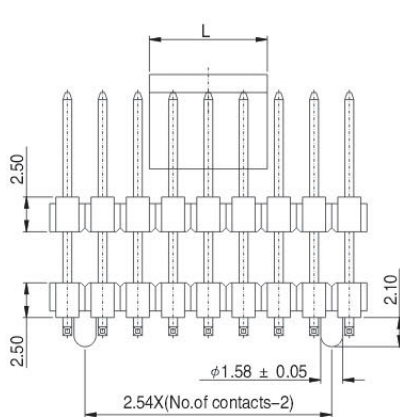
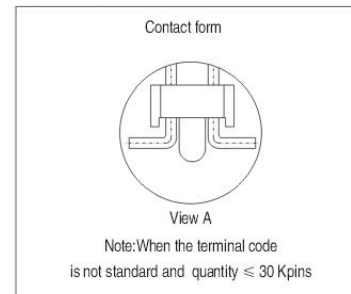
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,159,160,165,342,622,624,625



RoHS Compliant



Cap option	Length
PIN < 6	L=5.00mm
PIN = 6	L=7.50mm
PIN > 6	L=8.50mm



How to order



Number of contact	Code
Double Row 04-60 poles	04-60

Terminal Code	Dimension(mm)		
	B	C	D
10	3.5	7.5	7.5
20	4.8	7.5	7.0
30	6.5	7.5	9.8
XX/XX/XX	As request		
For EG: B=7.0 C=7.8 D=6.5			
Code Nr.=7.0/7.8/6.5			

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Pick & PLace Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg	Code
W/ Location peg	10
W/O Location peg	00

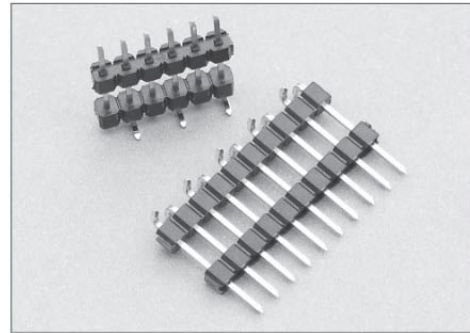
W.E.

353-1

Pin-Header-Strips-Single row -Dual body Vertical SMT type

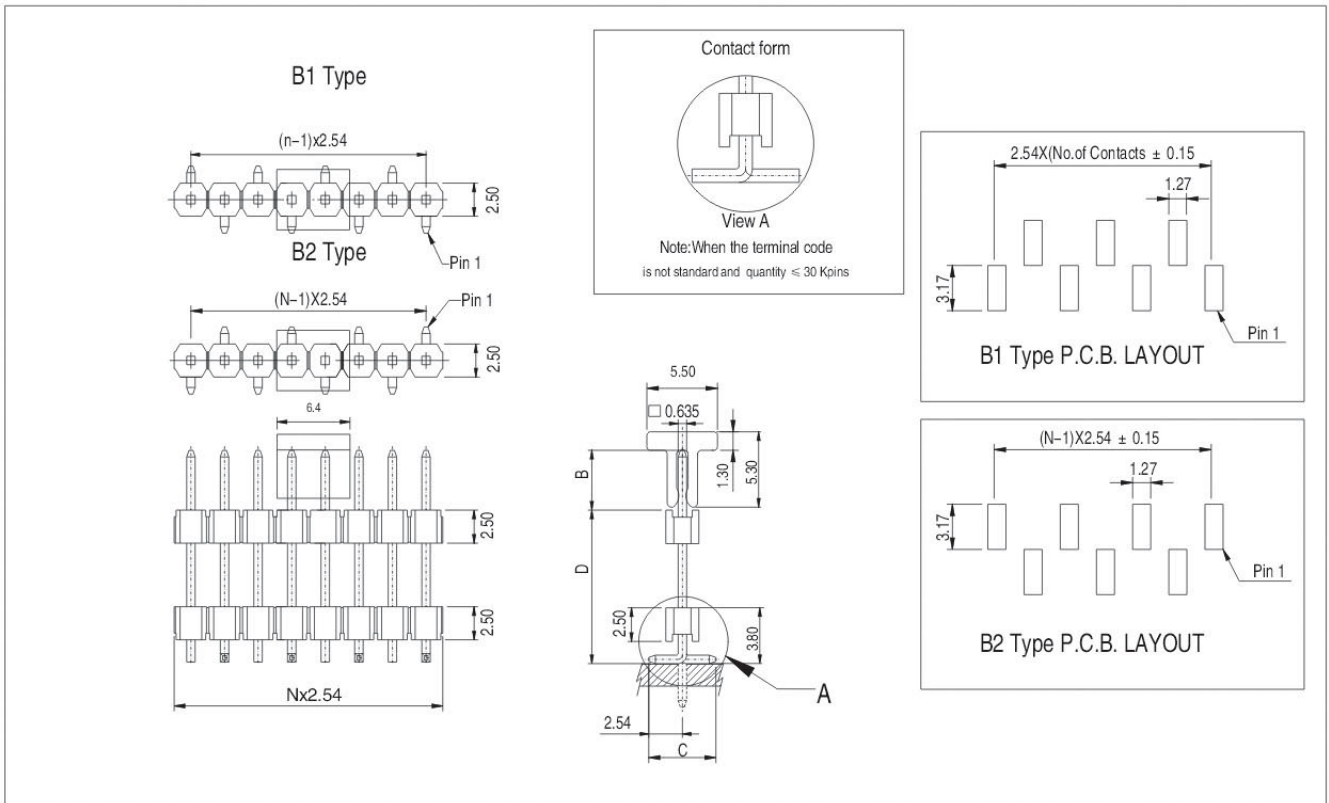
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



Mates with : 157,158,159,160,162,342,622,623,624,625

RoHS Compliant



How to order



Terminal code	Dimensions(mm)		
	B	C	D
13	3.50	5.08	7.2
14	4.80	5.08	7.2
15	6.10	5.08	6.7
16	6.90	5.08	8.9
xx/xx	As request		
For Eg. B=7.0 D=6.5			
Code Nr.=7.0/6.5			

Number of contact	Code
single row 02 - 30	02-30

Layout option	Code
B1 Type	21
B2 Type	22

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Pick & Place pad	Code
W / Cap	1
W / O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

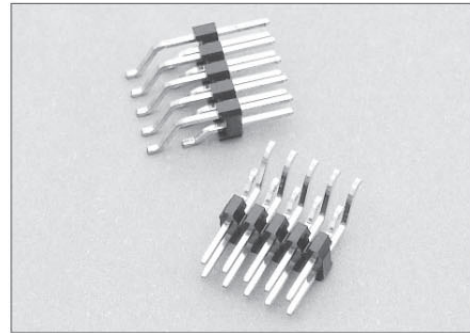
W.E.

313A

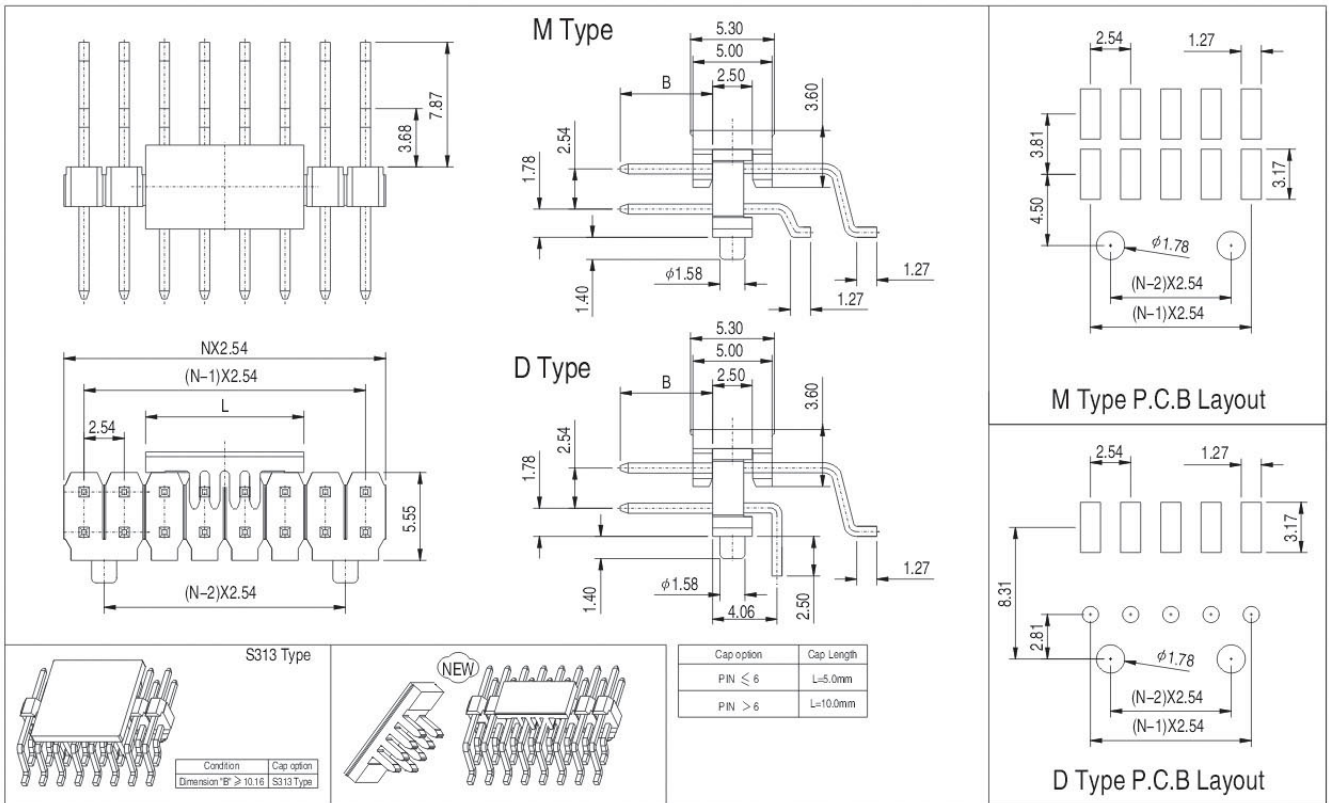
Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 2.54mm pitch

Technical Data :

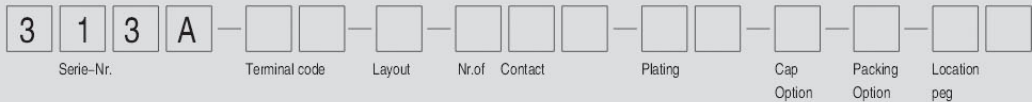
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	626



RoHS Compliant



How to order



Terminal code	Dimensions(mm)
	B
13	3.05
14	5.84
15	8.13
16	10.67
xx	AS request

For Eg. B=4.0 Code Nr.=4.0

Layout	Code
M Type	1
D Type	2

Number of contact	Code
04-40-poles Double	04-40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W/ peg	10
W/O peg	00

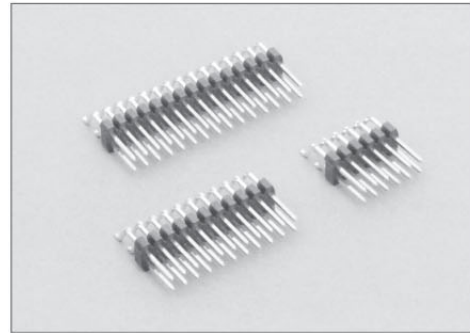
W.E.

313A-1

Pin-Header-Strips-Double row for Surface Mount Technic and High-Temperature Body 2.54mm pitch

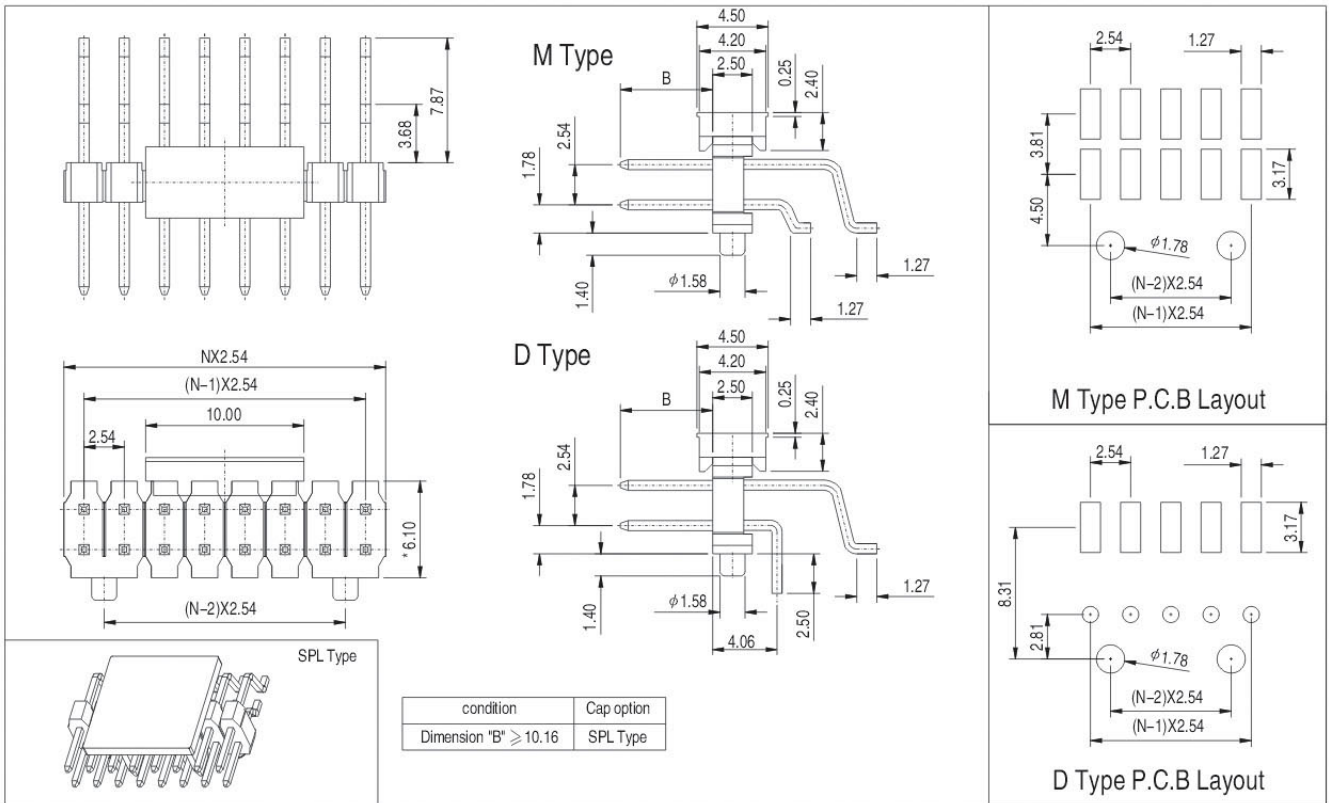
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



Mates with : 626

RoHS Compliant



How to order



Terminal code	Dimensions(mm)
	B
13	3.05
14	5.84
15	8.13
16	10.67
xx	AS request

For Eg. B=4.0 Code Nr.=4.0

Layout	Code
M Type	1
D Type	2

Number of contact	Code
04-70-poles Double	04-70

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W/ peg	10
W/O peg	00

W.E.

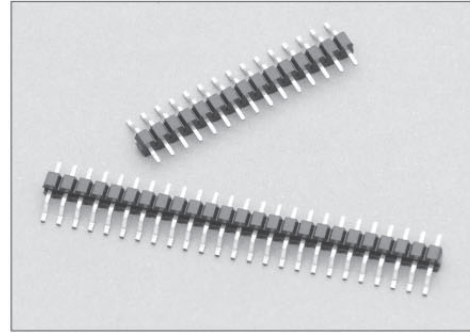
353A

Pin-Header-Strips-Single row for Surface Mount Technic and High-Temperature Body 2.54mm pitch

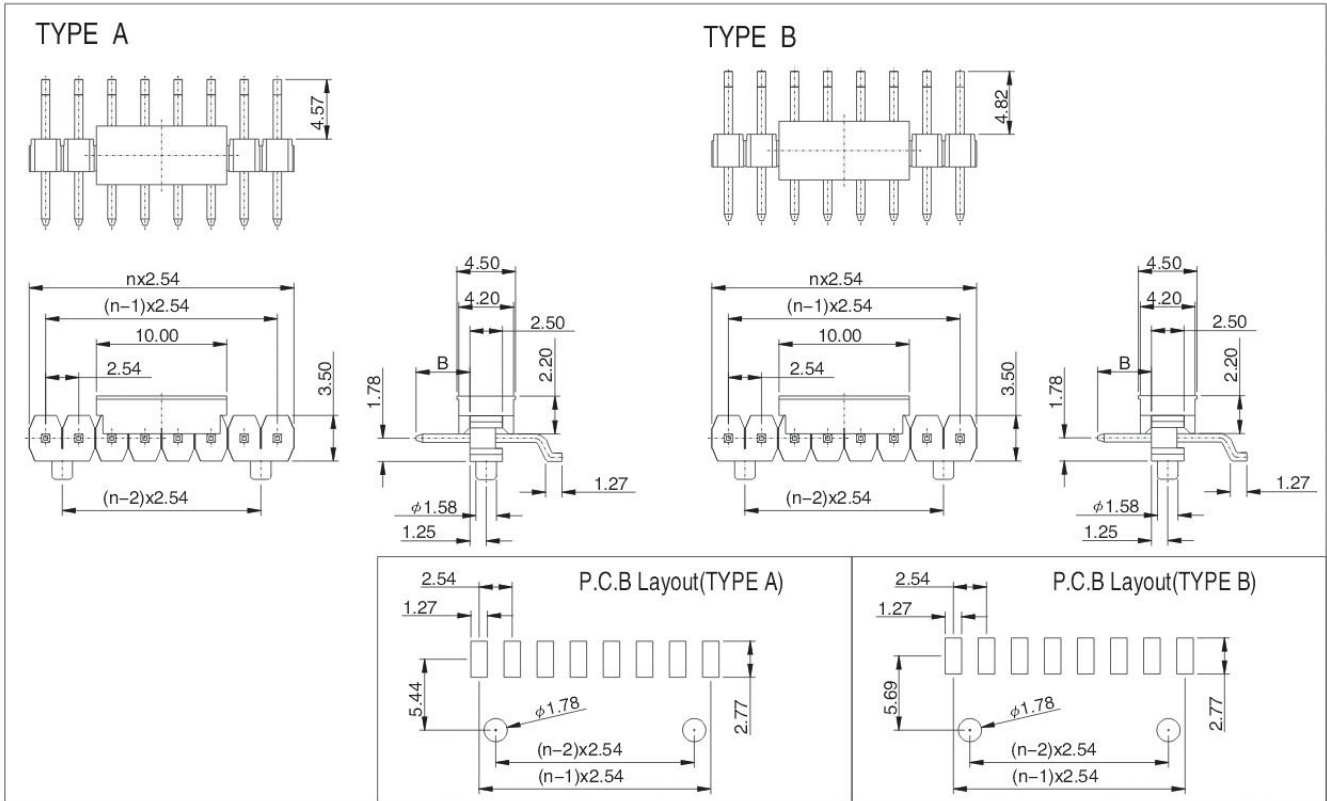
Technical Data :

Insulator Material: High Temperature Thermoplastic,UL 94V-0
 Contact : 0.635x0.635mm.
 Contact Material: copper alloy
 Plating: Au or Sn over Nickel
 Current Rating : 3 Amp
 Insulator resistance : 5000 Megohms min.
 Dielectric withstanding : AC 500V for 1 Minute
 Operating Temperature: -40 °C to +105 °C .
 Max. processing Temp: 230 °C for 30-60 seconds.
 260 °C for 10 seconds.

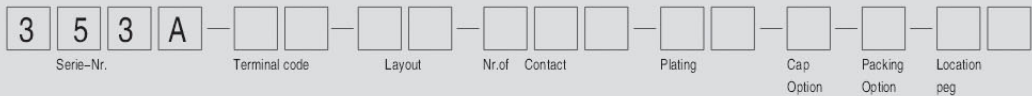
Mates with : 626



RoHS Compliant



How to order



Terminal code	Dimensions(mm)
	B
13	3.05
14	5.84
15	8.13
16	10.67
xx	AS request

For Eg. B=4.0 Code Nr.=4.0

Layout	Code
Horizontal right angle A	10
Horizontal right angle B	20

Number of contact	Code
02-30-poles Single	02-30

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W/ peg	10
W/O peg	00

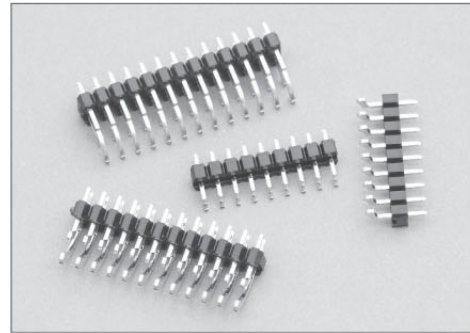
W.E.

313,353

Pin-Header-Strips-Single/Double row for Surface Mount Technic and High-Temperature Body 2.54mm pitch

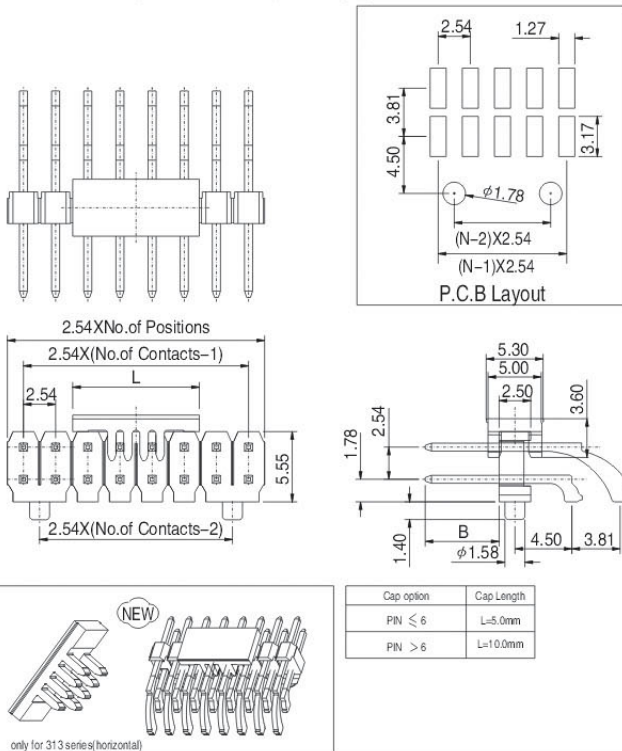
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.635x0.635mm.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	626

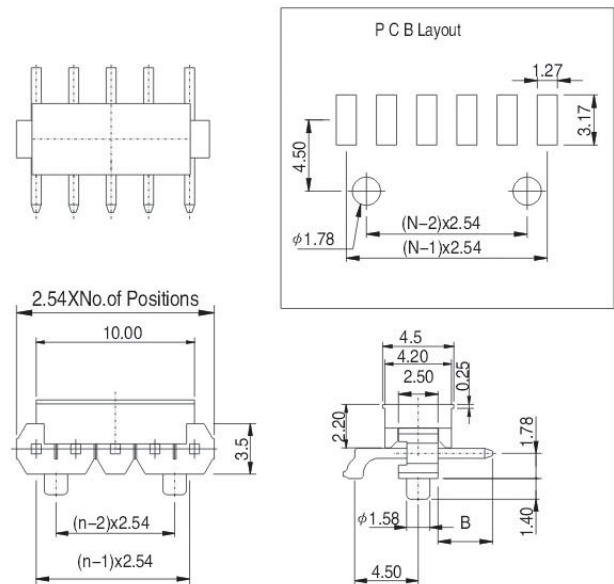


RoHS Compliant

313 serie (Horizontal right angle)



353 serie (Horizontal right angle)



How to order

3	1	3												
3	5	3												
Serie-Nr.	Terminal code	Layout	Nr. of Contact	Plating	Cap Option	Packing Option	Location peg							

Terminal code	Dimensions(mm)	
	B	
13	3.05	
14	5.84	
15	8.13	
16	10.67	

Layout	Code
Horizontal right angle	1
Number of contact	Code
02-30-poles Single	02-30
04-40-poles Double	04-40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W/ peg	10
W/O peg	00

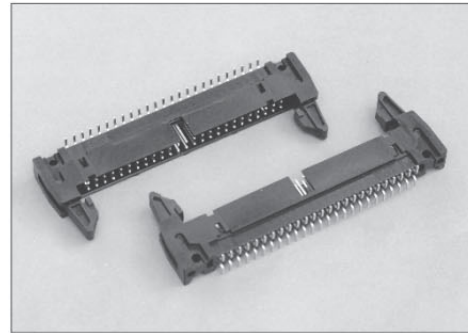
W.E.

138

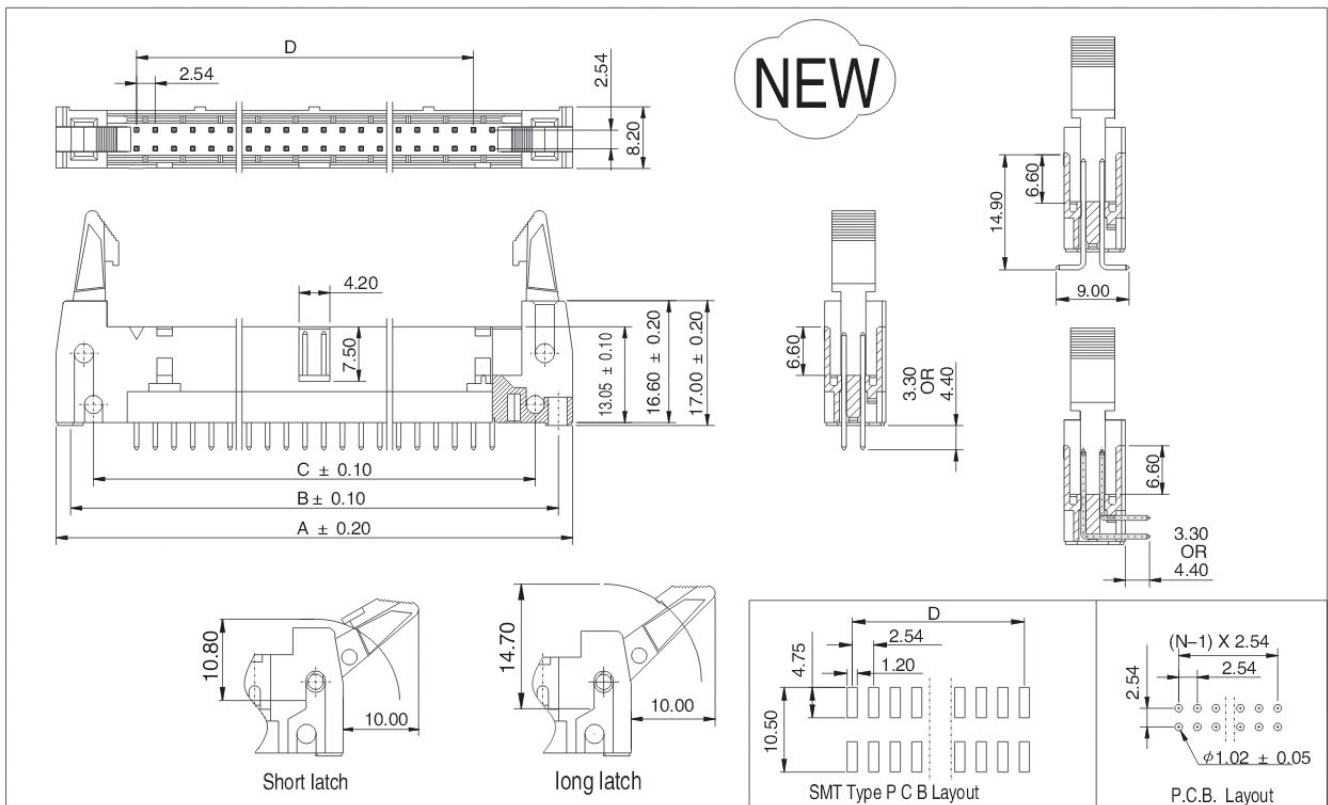
Ejector Header Dip & SMT Type pitch 2.54mm, High Temperature Thermoplastic

Technical Data :

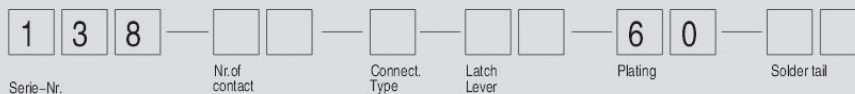
Insulator Material:	High Temperature Thermoplastic, PA6T UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds.
	260 °C for 10 seconds.
Mates with :	141



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)				Code
	A	B	C	D	
10	32.00	27.94	21.84	10.17	010
14	37.08	33.02	26.92	15.25	014
16	39.62	35.56	29.46	17.79	016
20	44.70	40.64	34.54	22.87	020
26	52.32	48.26	42.16	30.49	026
34	62.48	58.42	52.32	40.65	034
40	70.10	66.04	59.94	48.27	040
50	82.80	78.74	72.64	60.97	050

Connector type	Code
Dip solder straight	N1
Dip solder 90°	N2
SMT type	N3

Latch lever options	Code
Without latches	00
With short latches	10
With long latches	20

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold Flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Solder tail	Code
3.30mm	33
4.40mm	45

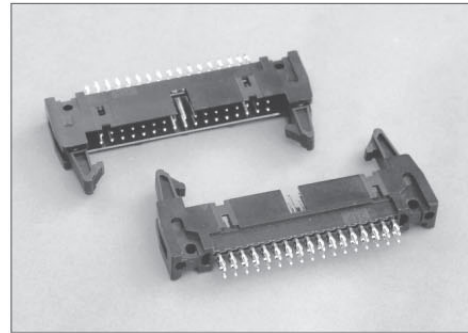
W.E.

138PF

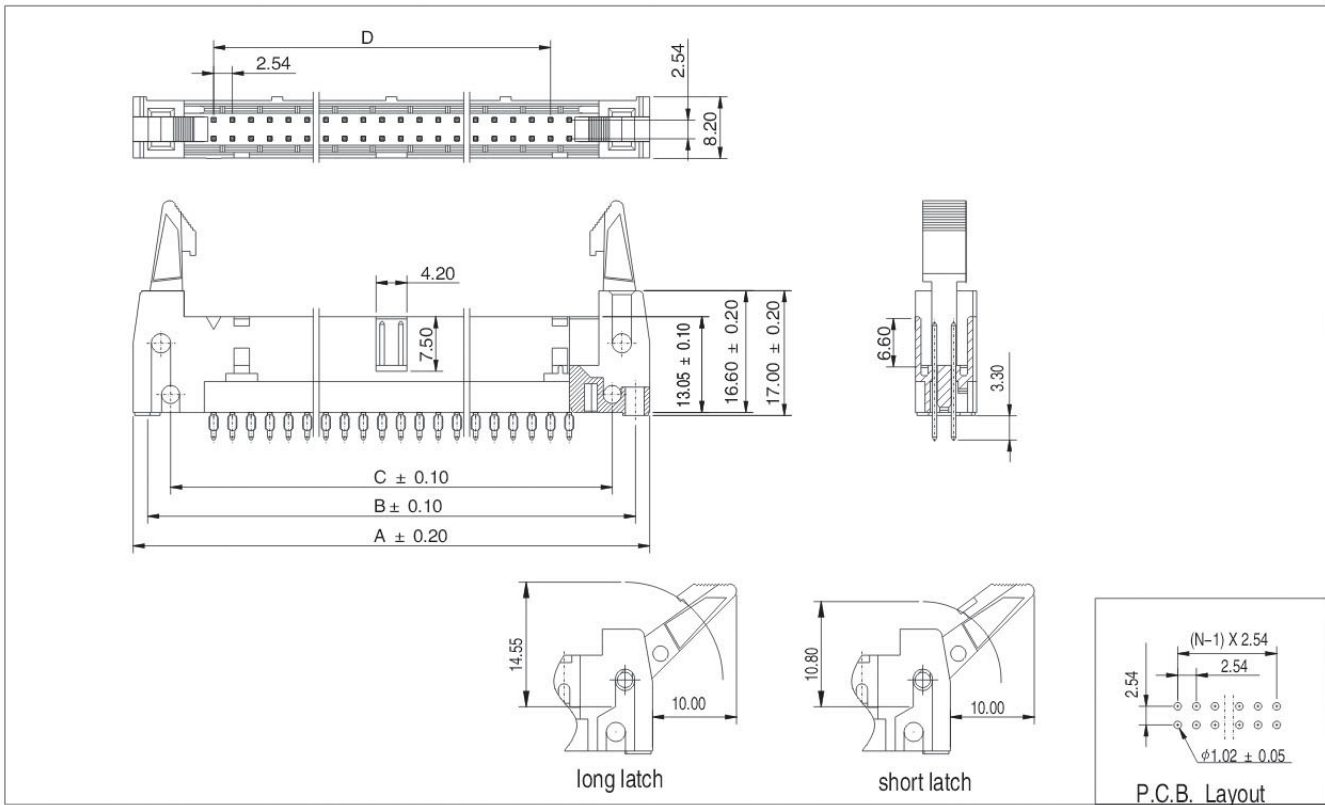
Ejector Header press fit Type pitch 2.54mm

Technical Data :

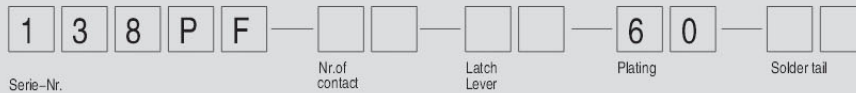
Insulator Material:	High Temperature Thermoplastic, PA6T UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds.
	260 °C for 10 seconds.
Mates with :	141



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)				Code
	A	B	C	D	
10	32.00	27.94	21.84	10.17	010
14	37.08	33.02	26.92	15.25	014
16	39.62	35.56	29.46	17.79	016
20	44.70	40.64	34.54	22.87	020
26	52.32	48.26	42.16	30.49	026
34	62.48	58.42	52.32	40.65	034
40	70.10	66.04	59.94	48.27	040
50	82.80	78.74	72.64	60.97	050

Latch lever options	Code
Without latches	00
With short latches	10
With long latches	20

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold Flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

Solder tail	Code
3.30mm	33

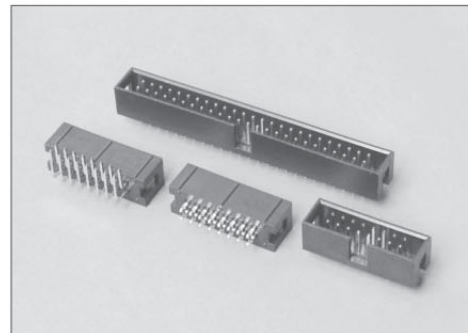
W.E.

137

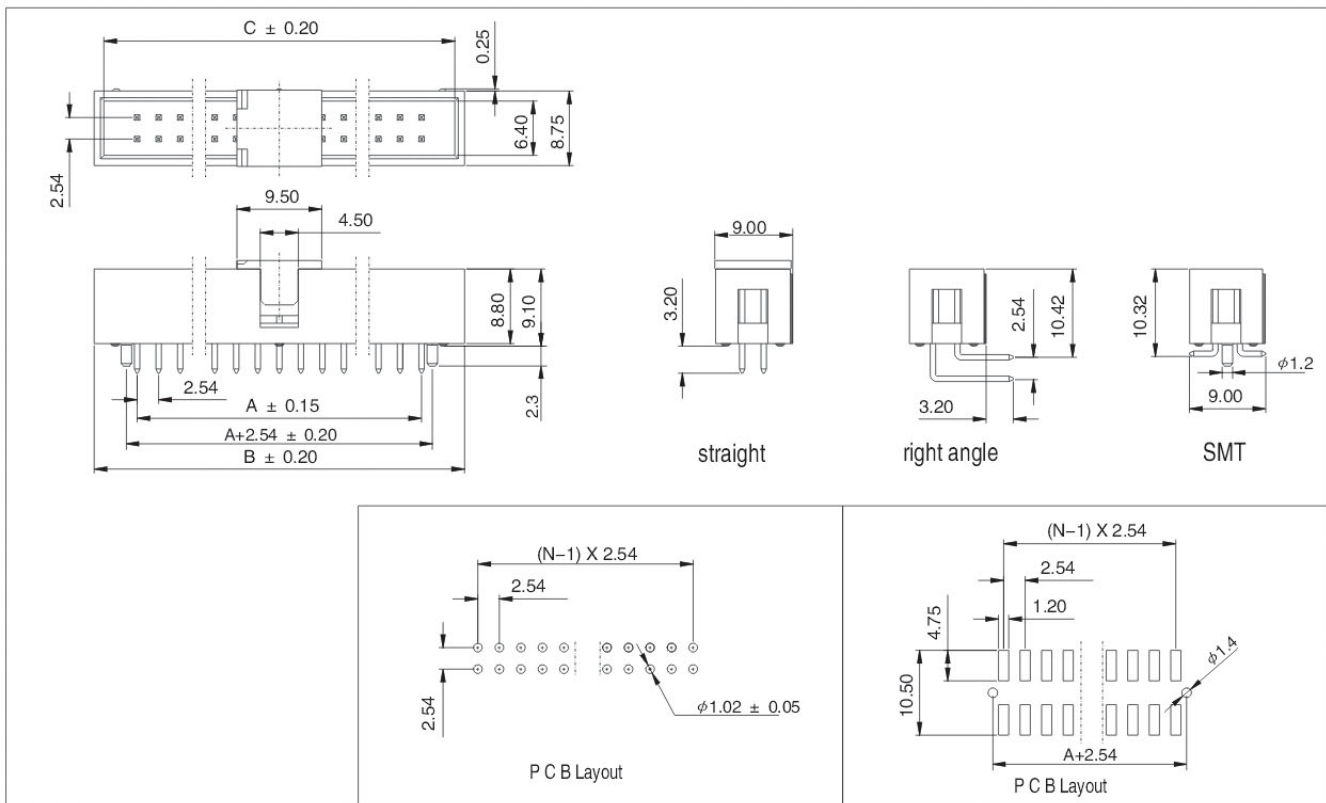
2.54mm Shrouded header with straight/angled pins & SMT Type

Technical Data :

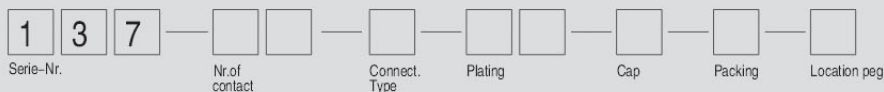
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	141,160,162,342,348,349,622,624



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)			Code
	A	B	C	
06	5.08	15.24	12.94	06
10	10.16	20.31	18.02	010
12	12.70	22.85	20.56	012
14	15.24	25.39	23.10	014
16	17.78	27.93	25.64	016
20	22.86	33.01	30.72	020
24	27.94	38.09	35.80	024
26	30.48	40.63	38.34	026
30	35.56	45.71	43.42	030
34	40.64	50.79	48.50	034
40	48.26	58.41	56.12	040
44	53.34	63.49	61.20	044
50	60.96	71.11	68.82	050
60	73.66	83.81	81.52	060
64	78.74	88.89	86.60	064

Connector type	Code
Dip solder straight	1
Dip solder 90°	2
SMT Style	3

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold Flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W / Cap	1
W / O Cap	2
For SMT Type only	

Packing option	Code
Tube For SMT Type	1
T & R For SMT Type	2
Tray For Dip Type	3

Location peg option	Code
W / peg	10
W / O peg	00

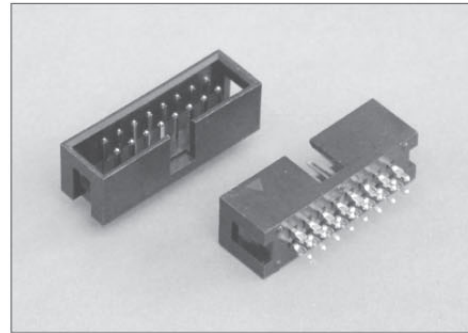
W.E.

137PF

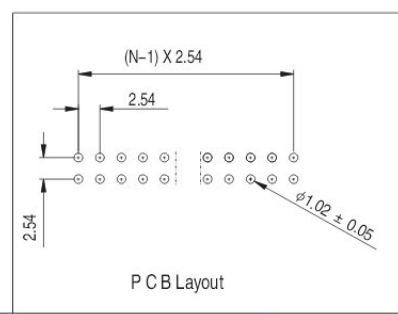
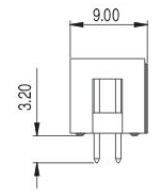
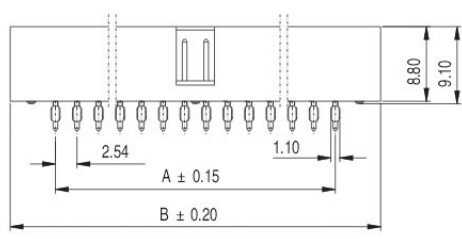
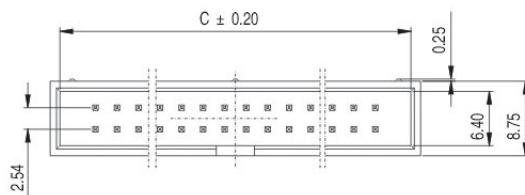
2.54mm Shrouded header press fit Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	141,157159,160,162,342,348,349,622,624



RoHS Compliant



How to order



Nr. of contact	Dimensions(mm)			Code
	A	B	C	
10	10.16	20.31	18.02	010
14	15.24	25.39	23.10	014
16	17.78	27.93	25.64	016
20	22.86	33.01	30.72	020
24	27.94	38.09	35.80	024
26	30.48	40.63	38.34	026
30	35.56	45.71	43.42	030
34	40.64	50.79	48.50	034
40	48.26	58.41	56.12	040
44	53.34	63.49	61.20	044
50	60.96	71.11	68.82	050
60	73.66	83.81	81.52	060
64	78.74	88.89	86.60	064

Plating option	Code
Full Gold Flash plated	10
Tin plated	50
Selective gold Flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620
30u*Selective gold plated	630

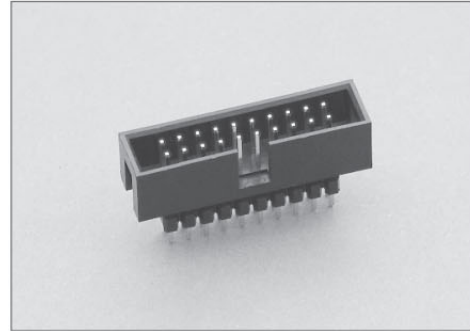
W.E.

154

2.54mmX2.54mm Box Type Dual Row

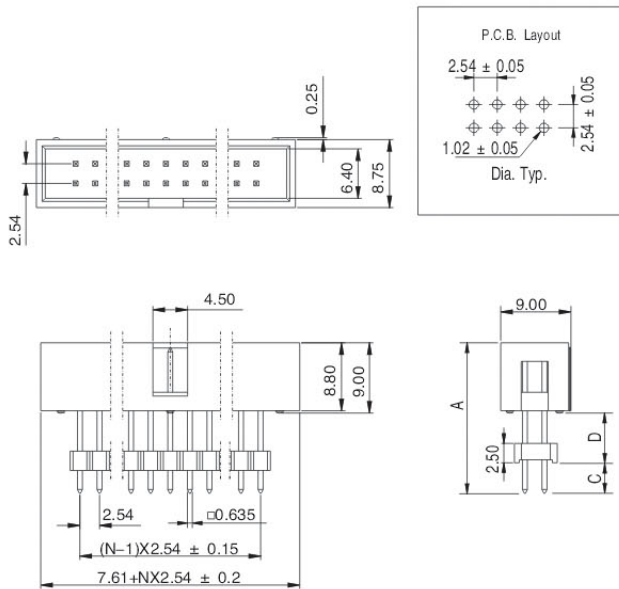
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	0.635x0.635mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	157,159,160,165,342,348,622,624

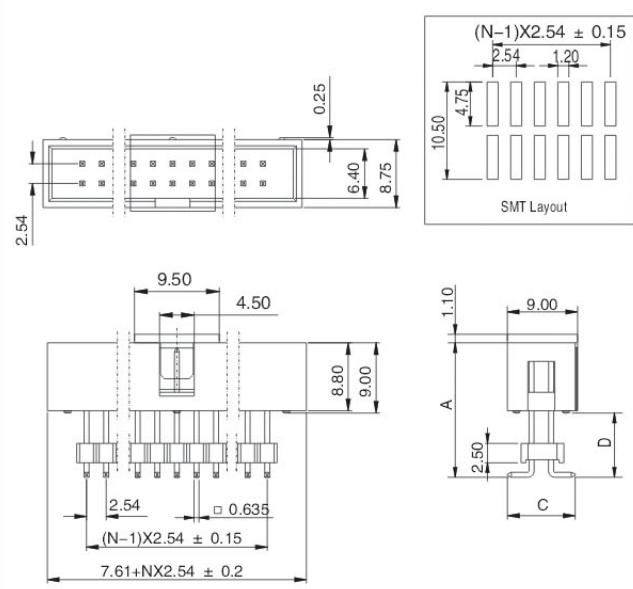


RoHS Compliant

Dip Type



SMT Type



How to order

1	5	4							
Series-Nr.	Terminal code	Nr.of contact	Connector type	Plating option	Cap	Packing			

Dimensions(mm)		Dip	SMT	code
A	D	C		
19.80	7.50	3.30	9.00	10
21.60	9.20	3.30	9.00	20
AS request		XXX/XXX/XX		
FOR Eg. A=33.6 D=21.2 C=10.00				
Code Nr.=33.6/21.2/10.00				

Number of contact	Code
06-64	06-64

Connector type	Code
Dip solder straight	1
SMT Type	3

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Pick & Place pad	Code
W / Cap	1
W / O Cap	2
For SMT Type only	
Packing option	Code
Tube For SMT Type	1
T & R For SMT Type	2
Tray For Dip Type	3

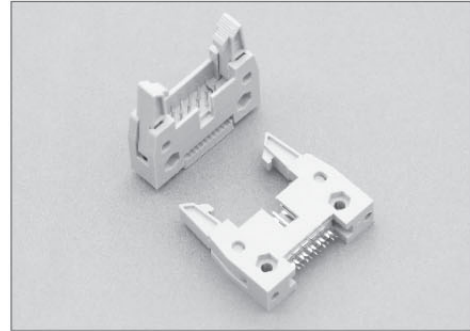
W.E.

370

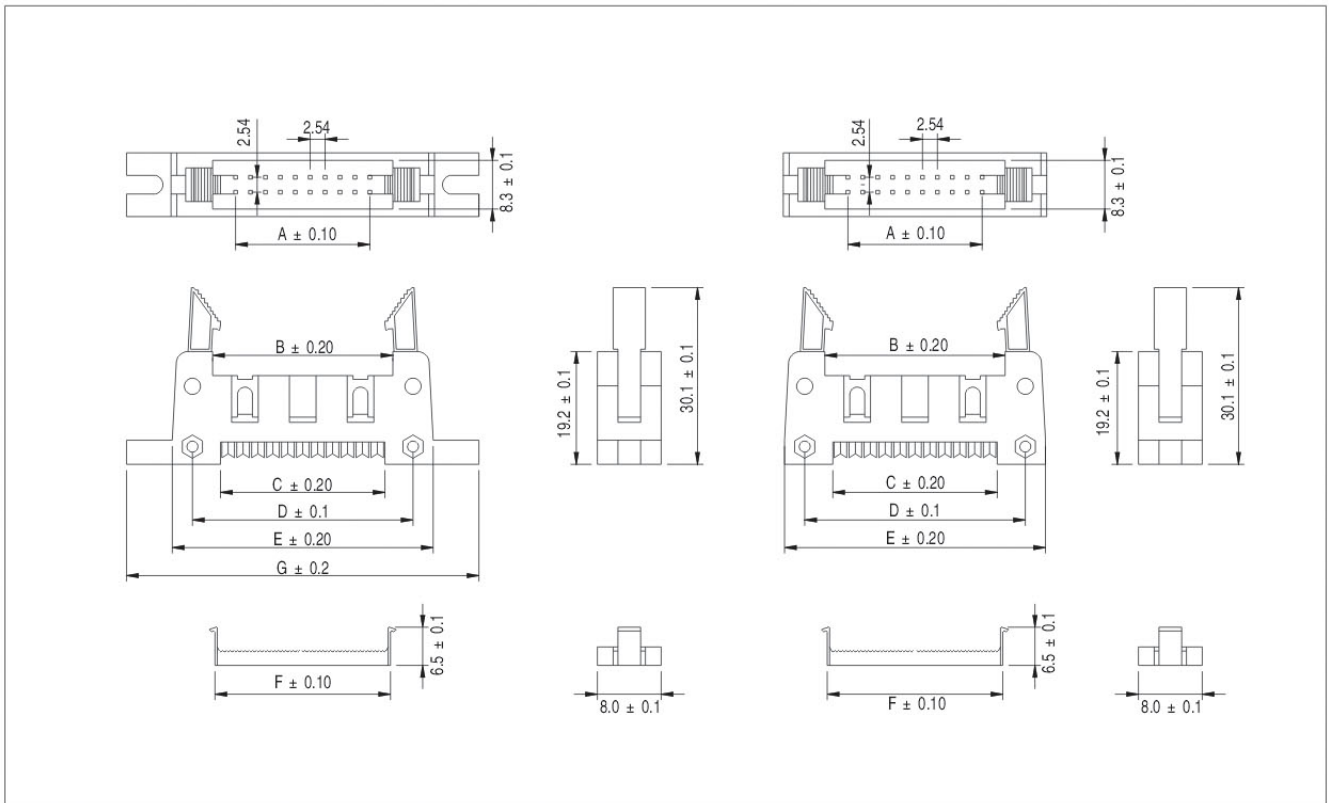
IDC-Header LATCH Type 2.54mm pitch

Technical Data :

Insulator Material:	Thermoplastic,UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .



RoHS Compliant



How to order

3
7
0

Serie-Nr. Nr. of contact Clamp Connector Type Latch Lever Plating

Number of contact							
Dimension	A	B	C	D	E	F	G
10	10.16	18.00	15.30	21.85	32.17	17.20	47.32
14	15.24	23.08	20.38	26.93	37.25	22.28	52.40
16	17.78	25.62	22.92	29.47	39.79	24.82	54.94
20	22.86	30.70	28.00	34.55	44.87	29.90	60.02
24	27.94	35.78	33.08	39.63	49.95	34.98	65.10
26	30.48	38.32	35.62	42.17	52.49	37.52	67.64
30	35.56	43.40	40.70	47.25	57.57	42.60	72.72
34	40.64	48.48	45.78	52.33	62.65	47.68	77.80
40	48.26	56.10	53.40	59.95	70.27	55.30	85.42
50	60.96	68.80	66.10	72.65	82.97	68.00	98.12
60	73.66	81.50	78.80	85.35	95.67	80.70	110.82
64	78.74	86.58	83.88	90.43	100.75	85.78	115.90

Cable Clamp option	Code
Without cable clamp	00

Mounting option	Code
Without mounting EAR	00
With mounting EAR	10

Plated Option	Code
Selective Plated	60

Latch Lever	Code
W/O Latch	00
W/short latch	10
W/long latch	20

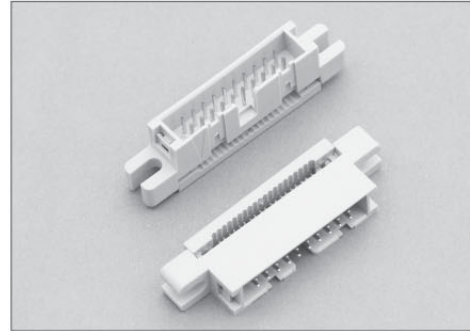
W.E.

369

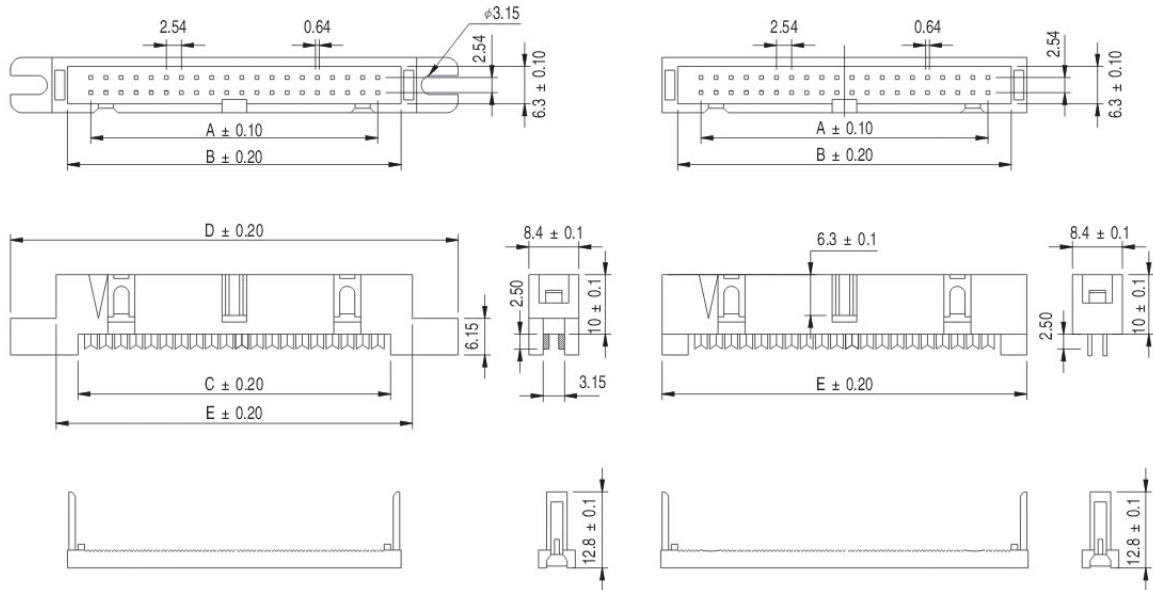
IDC Box Header 2.54mm pitch

Technical Data :

Insulator Material:	Thermoplastic,UL 94V-0
Contact :	0.64x0.64mm
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Insulator resistance :	5000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .



RoHS Compliant



How to order

3	6	9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Serie-Nr.			Nr. of contact		Clamp	Connector Type		Plating

Number of contact					
Dimension	A	B	C	D	E
10	10.16	18.00	22.90	37.20	23.00
14	15.24	23.08	27.98	42.28	28.08
16	17.78	25.62	30.52	44.82	30.62
20	22.86	30.70	35.60	49.90	35.70
24	27.94	35.78	40.68	54.98	40.78
26	30.48	38.32	43.22	57.52	43.32
30	35.56	43.40	48.30	62.60	48.40
34	40.64	48.48	53.38	67.68	53.48
40	48.26	56.10	61.00	75.30	61.10
50	60.96	68.80	73.70	88.00	73.80
60	73.66	81.50	86.40	100.70	86.50
64	78.74	86.58	91.48	105.78	91.58

Cable Clamp option	Code
Without cable clamp	00

Mounting option	Code
Without mounting EAR	00
With mounting EAR	10

Plated Option	Code
Selective Plated	60

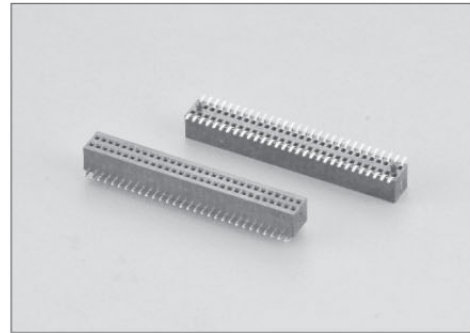
W.E.

862

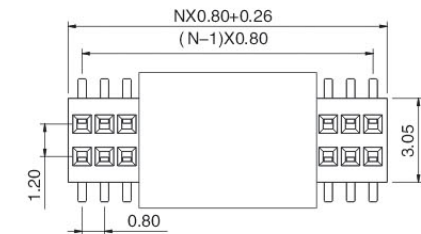
0.8mm Pitch Female Header Double Row SMT Type

Technical Data :

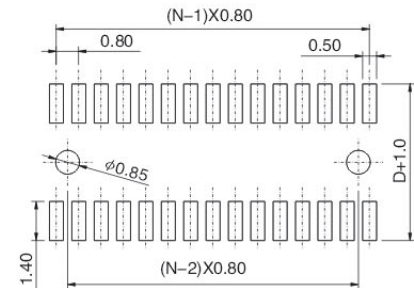
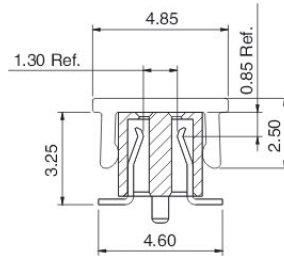
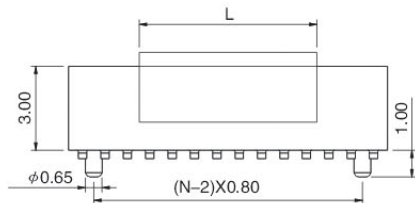
Insulator Material:	High Temperature Thermoplastic,UL 94V-0.
Contact Material:	copper alloy
Plating:	Au or Sn over Nickel
Current Rating :	0.5 Amp
Insulator resistance :	1000 Megohms min
Dielectric withstanding :	AC 300V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	861



RoHS Compliant



Length of the Cap Option	
03-10 Pin	L=3.0mm
11-50 Pin	L=6.35mm



P C B Layout

How to order



Number of contact	Code
06-100 Pin	06-100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
30u"Selective gold plated	630

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Location Peg Option	Code
W/ Location Peg	10
W/O Location Peg	00

Packing option	Code
Tube	1
Tape & Reel	2

W.E.

597

1.0mm Pitch Female header

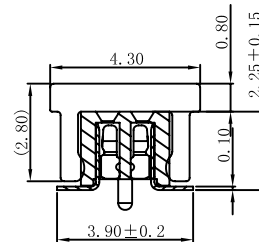
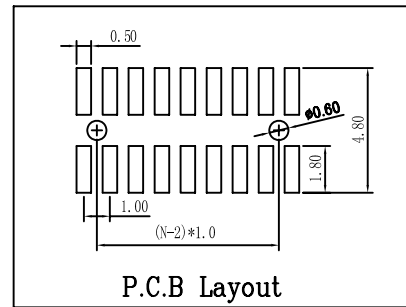
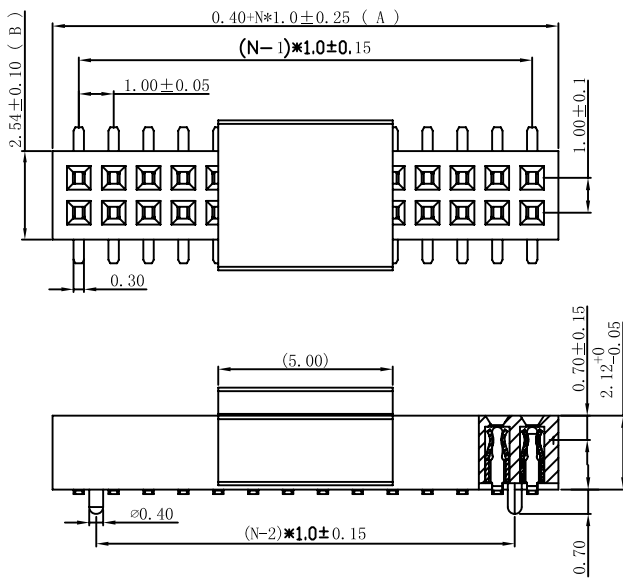
Technical Data :

Insulator Material: High Temperature Thermoplastic, UL 94V-0
 Contact : stamped and formed, Phosphor Bronze
 Plating: Au or Sn over Nickel
 Current Rating : 1 Amp
 Contact resistance: 20 milliohms Max.
 Insulator resistance : 500 Megohms min.
 Dielectric withstanding : AC 500V for 1 Minute.
 Operating Temperature: -40°C to +105°C.
 Max. processing Temp: 230°C for 30-60 seconds.
 260°C for 10 seconds.
 Mates with : 595,596



RoHS Compliant

Top Entry



How to order 5 9 7 - - - - - -
 Serie-Nr. Nr. of Contact. Connector type Plating Cap option Packing Location Peg

Nr. of Contact	Code
10 to 78 contacts	10-78

Connector type	Code
Top Entry Profile : 2.25mm	10

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Nr of Contact	Dimensions(mm)		Code
	A	B	
80	40.90	3.07	80
100	50.90	3.07	100
80,100 Pin Dimensions Spec.			

Plating option	Code
Full gold flash plated	10
Tin plated	50

Packing Option	Code
Tube	1
Tape & Reel	2

Location peg option	Code
W / peg	10
W / O peg	00

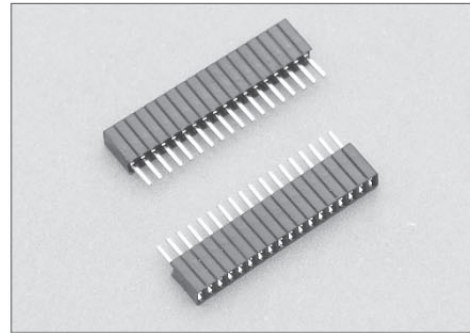
W.E.

603

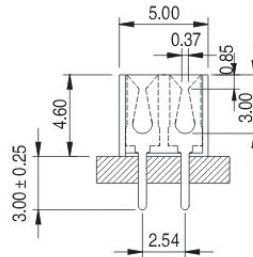
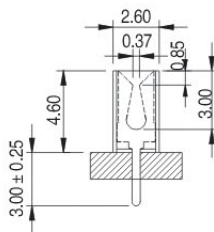
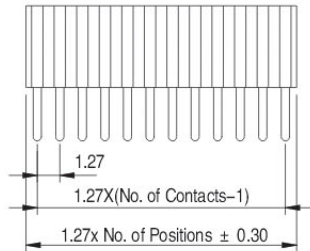
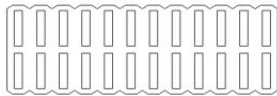
High-Density Female Headers—Economy Version 1.27mm pitch Height:4.6mm

Technical Data :

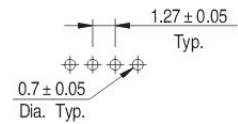
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm , □ 0.46mm male header



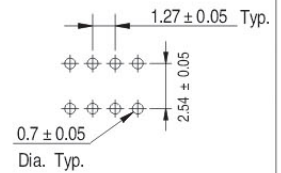
RoHS Compliant



P.C.B. Layout



P.C.B. Layout



How to order



Number of contact	Code
1 – single max. 40 poles	02-40
2 – double max. 100 poles	04-100

Number of row	Code
1 – single	1
2 – double	2

Plating option contact	Code
Gold plated	10
Selective gold plated	60

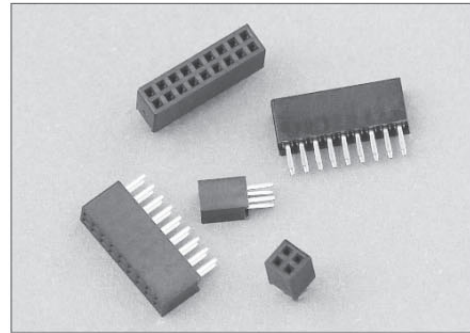
W.E.

605

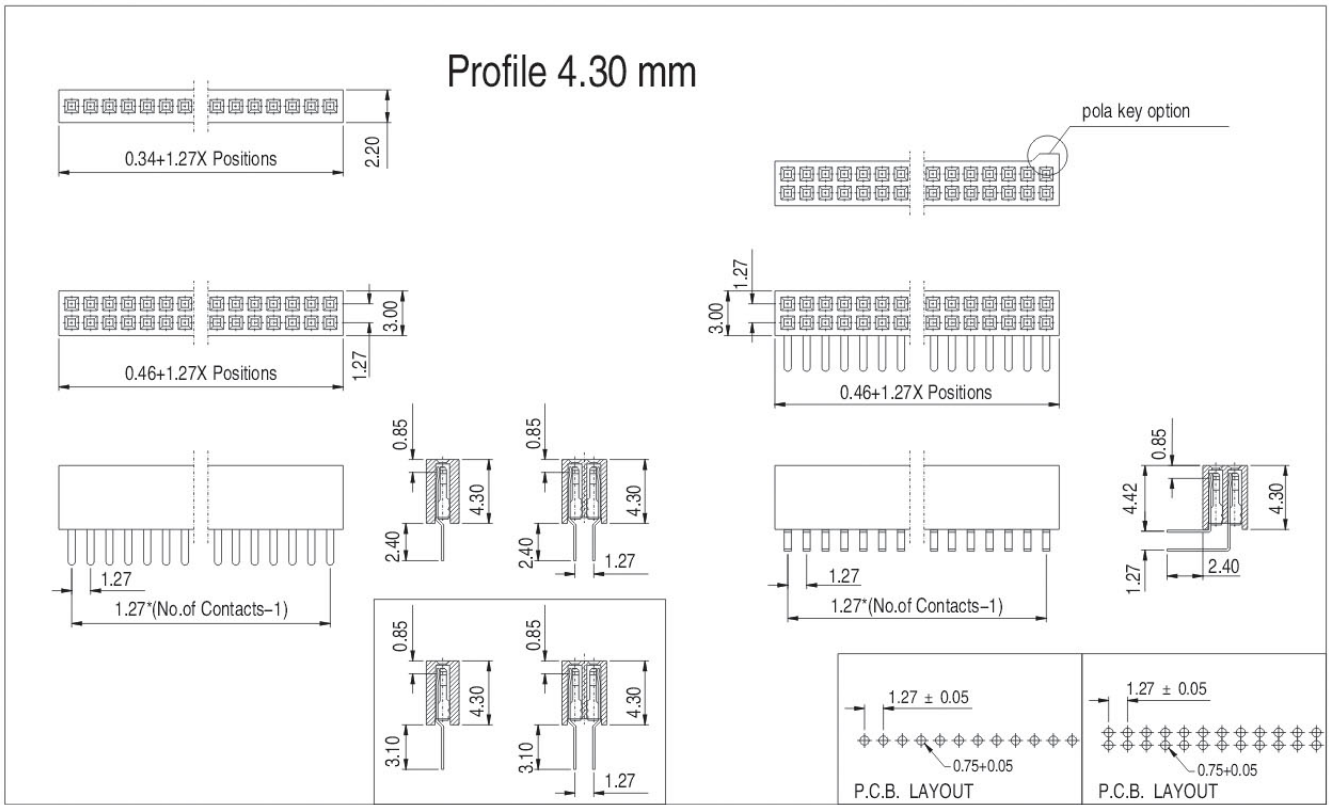
Female Header 1.27mm Pitch straight For square pin

Technical Data :

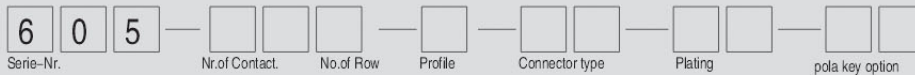
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27m □ 0.4mm male header



RoHS Compliant



How to order



Number of contact	Code
Single Row Max. 36	03-36
Double Row Max. 100	06-100

Number of Row	Code
Single Row	1
Double Row	2

Profile	Code
4.3mm 180° C=2.4mm	2
4.3mm 90°	3
4.3mm 180° C=3.1mm	5

Connector Type	Code
For Square pin	20

Pola key option	Code
with pola key	PK
Omit for the without pola key standard connector	

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60
10 u" Selective gold plated	610
15 u" Selective gold plated	615
20 u" Selective gold plated	620
30 u" Selective gold plated	630

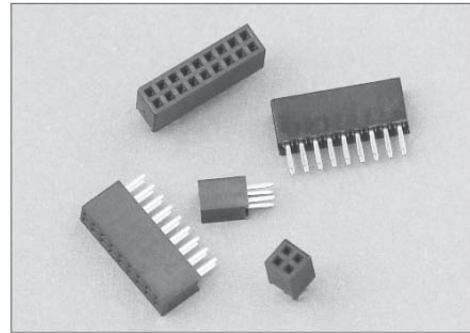
W.E.

605

Female Header 1.27mm Pitch straight For square pin

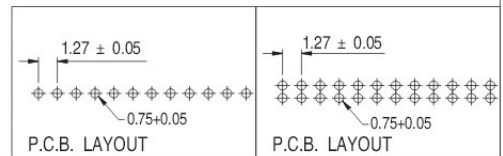
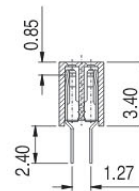
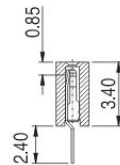
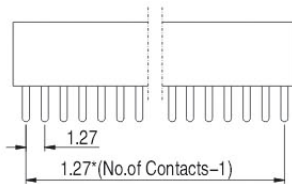
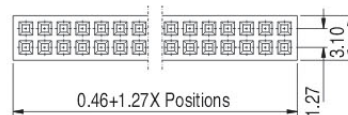
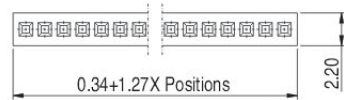
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □ 0.4mm male header

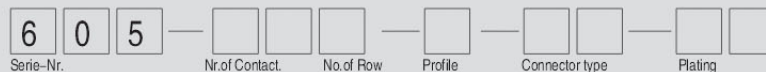


RoHS Compliant

Profile 3.40 mm



How to order



Number of contact	Code
Single Row Max. 36	03-36
Double Row Max. 100	06-100

Profile	Code
3.4mm 180°	1

Connector Type	Code
For Square pin	20

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60
10 u" Selective gold plated	610
15 u" Selective gold plated	615
20 u" Selective gold plated	620
30 u" Selective gold plated	630

Number of Row	Code
Single Row	1
Double Row	2

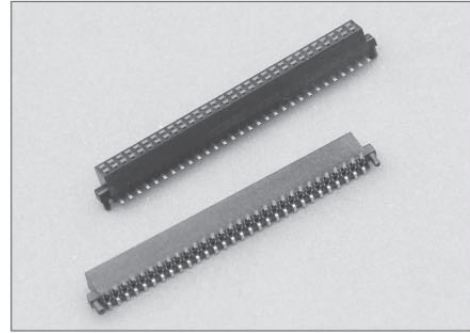
W.E.

606

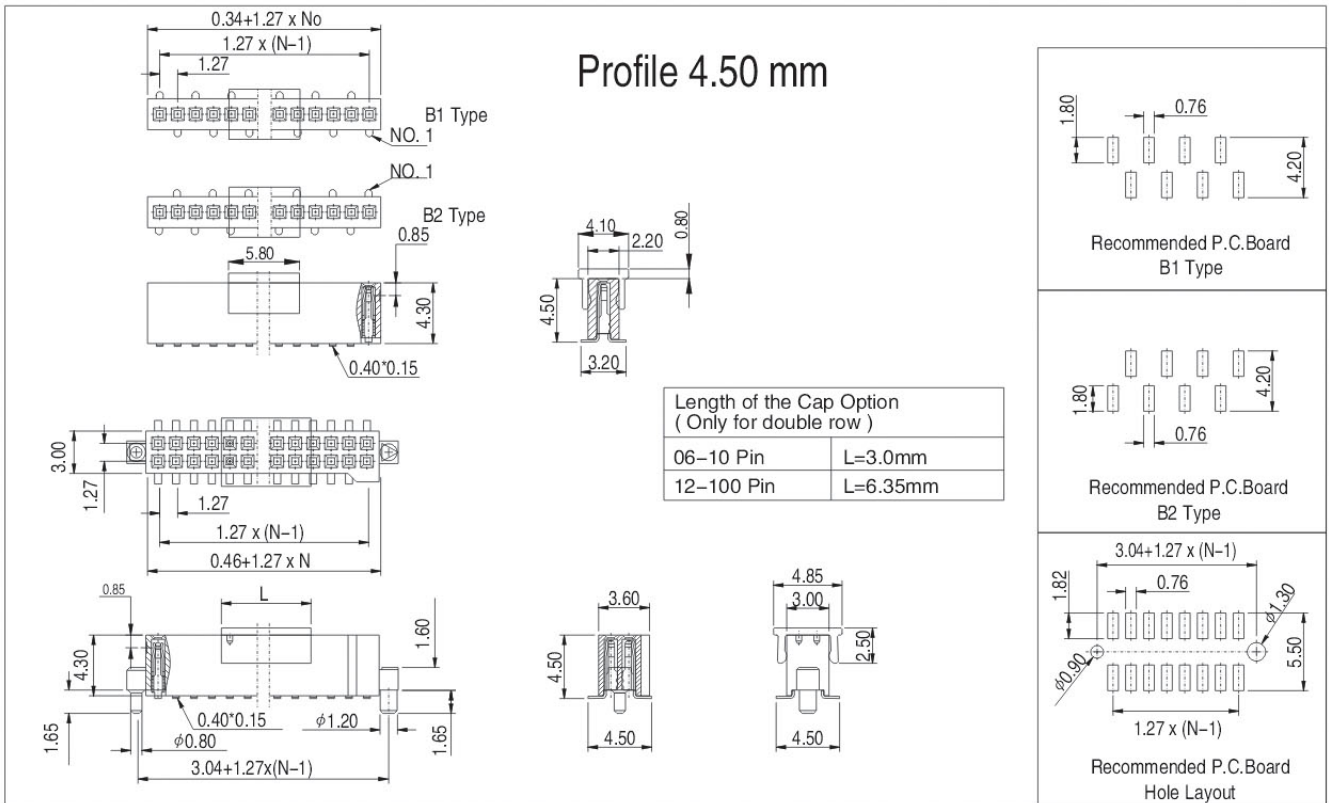
Female Header 1.27mm Pitch SMT Type For square pin

Technical Data :

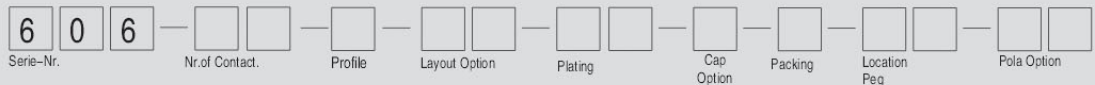
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □ 0.4mm male header



RoHS Compliant



How to order



Number of contact	Code
Double Row Max. 100	06-100
single row max.36	03-36

Profile	Code
Profile H=4.5	2

Layout option	Code
B1 single	11
B2 single	12
Double row	20

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10u*Selective gold plated	610
15u*Selective gold plated	615
20u*Selective gold plated	620

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location peg	10
W/O Location peg	00
For Double row only	

pola Option	Code
W/ pola key	1
W/O pola key	0
For Double row only	

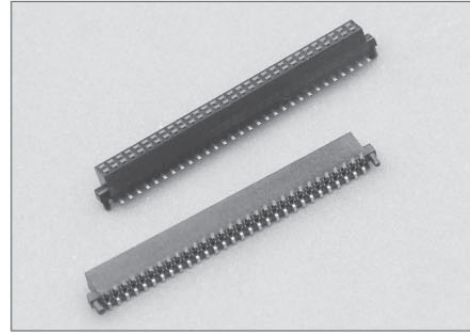
W.E.

606

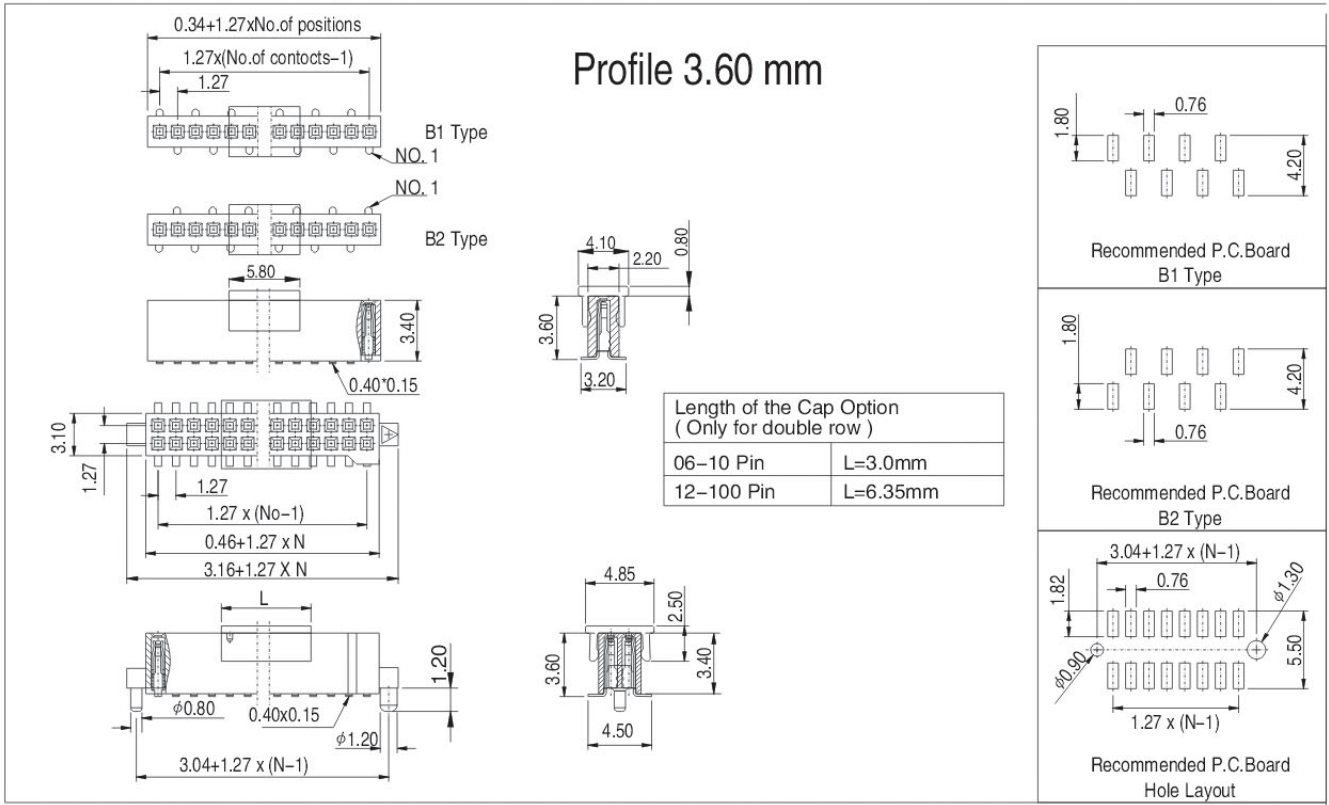
Female Header 1.27mm Pitch SMT Type For square pin

Technical Data :

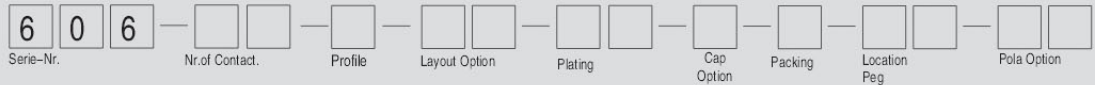
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □ 0.4mm male header



RoHS Compliant



How to order



Number of contact	Code
Double Row Max. 100	06-100
single row max.36	03-36

Profile	Code
Profile H=3.6	1

Layout option	Code
B1 single	11
B2 single	12
Double row	20

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location peg	10
W/O Location peg	00
For Double row only	

pola Option	Code
W/ pola key	1
W/O pola key	0
For Double row only	

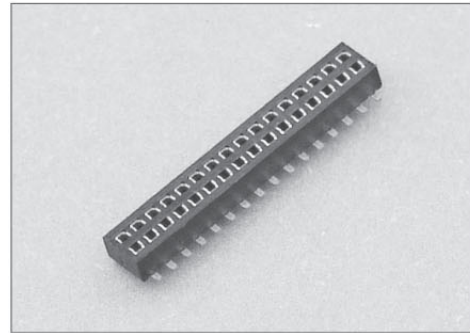
W.E.

606-1

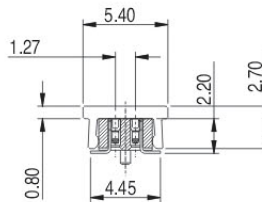
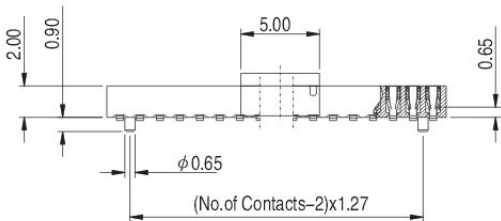
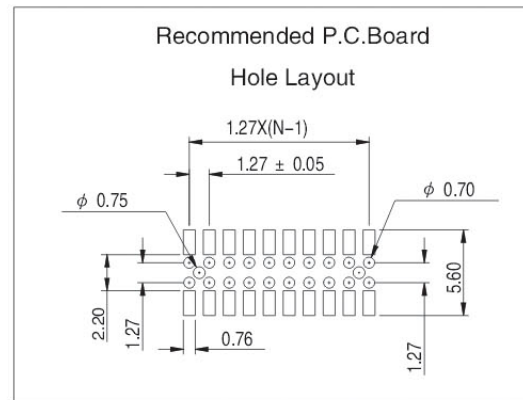
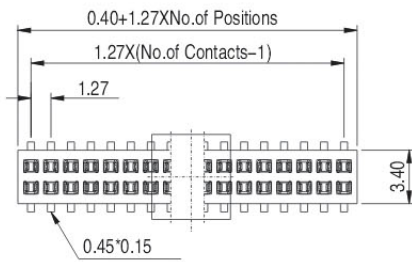
Female Header 1.27mm Pitch Bottom Entry SMT Type For square pin

Technical Data :

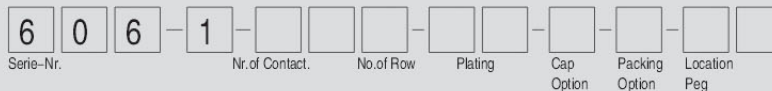
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □ 0.40mm male header



RoHS Compliant



How to order



Number of contact	Code
Double Row Max. 80	06-80

Plating option	Code
Gold plated	10
Tin plated	50

Packing Option	Code
Tube	1
Tape & Reel	2

Location Peg Option	Code
W/ Location Peg	10
W/O Location Peg	00

No. of Row	Code
Double Row	2

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

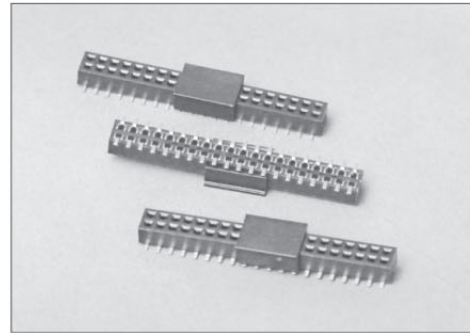
W.E.

606-2

Female Header 1.27mm Pitch Low Profile SMT Type For square pin

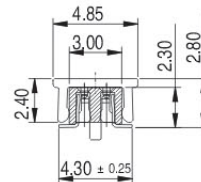
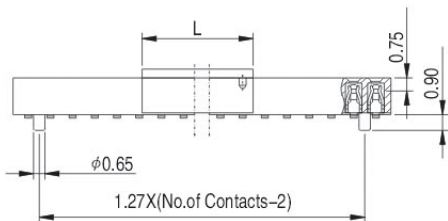
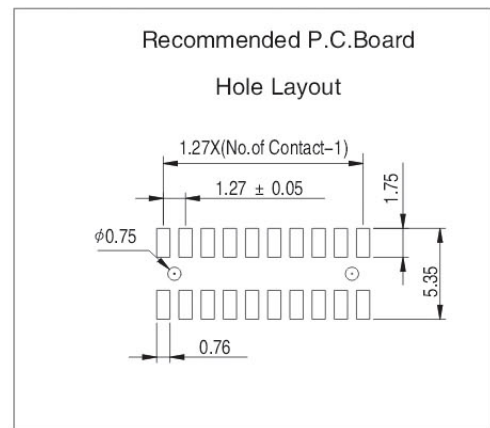
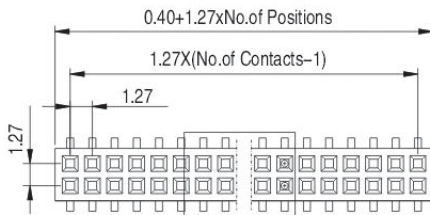
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □ 0.40mm male header

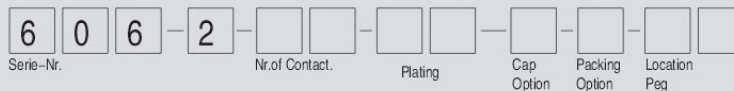


RoHS Compliant

Length of the Cap Option	
06-10 Pin	L=3.0mm
12-100 Pin	L=6.35mm



How to order



Number of contact	Code
Double Row Max. 80	06-80

Plating option	Code
Gold plated	10
Tin Plated	50
Selective gold flash plated	60

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Location Peg Option	Code
W/ Location Peg	10
W/O Location Peg	00

Packing Option	Code
Tube	1
Tape & Reel	2

W.E.

613

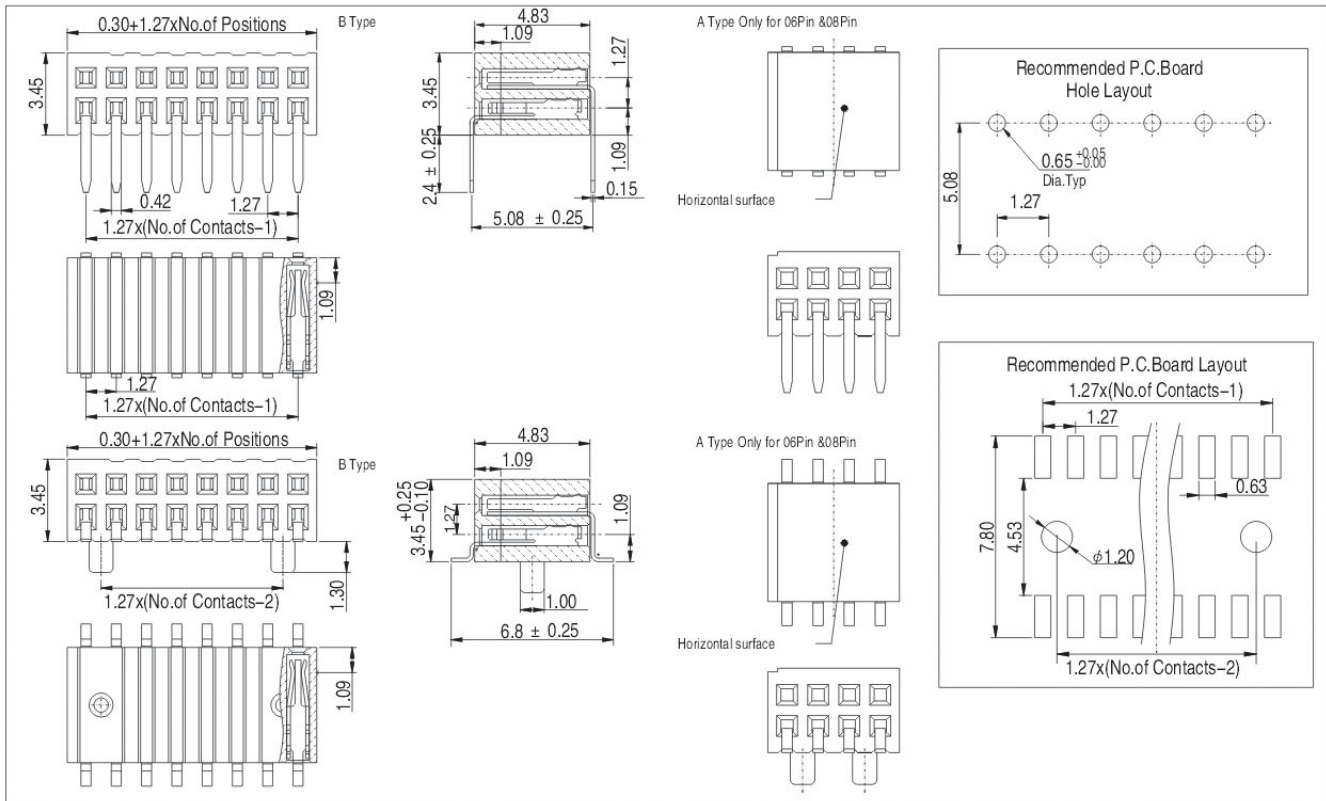
Female Header 1.27mm Side Entry

Technical Data:

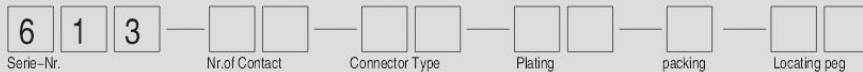
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance:	500 Megohms min.
Dielectric withstanding:	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	Pitch 1.27mm, □ 0.40mm male header 600-5,600-6,609A



RoHS Compliant



How to order



Number of contact	Code
Double Row A Type	06-08
Double Row B Type	10-80

Connector Type	Code
DIP Type	10
SMT Type	20

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
15u" Selective gold plated	615
20u" Selective gold plated	620

packing	Code
Tube	1
Tape & Reel	2

Locating peg	Code
W/Locating peg	10
W/O Locating peg	00

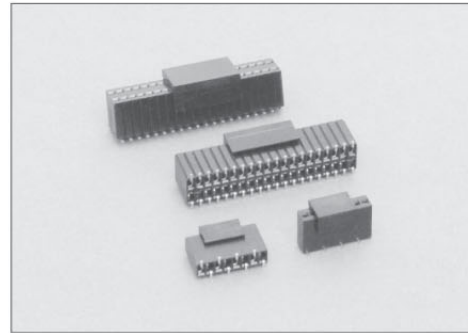
W.E.

604

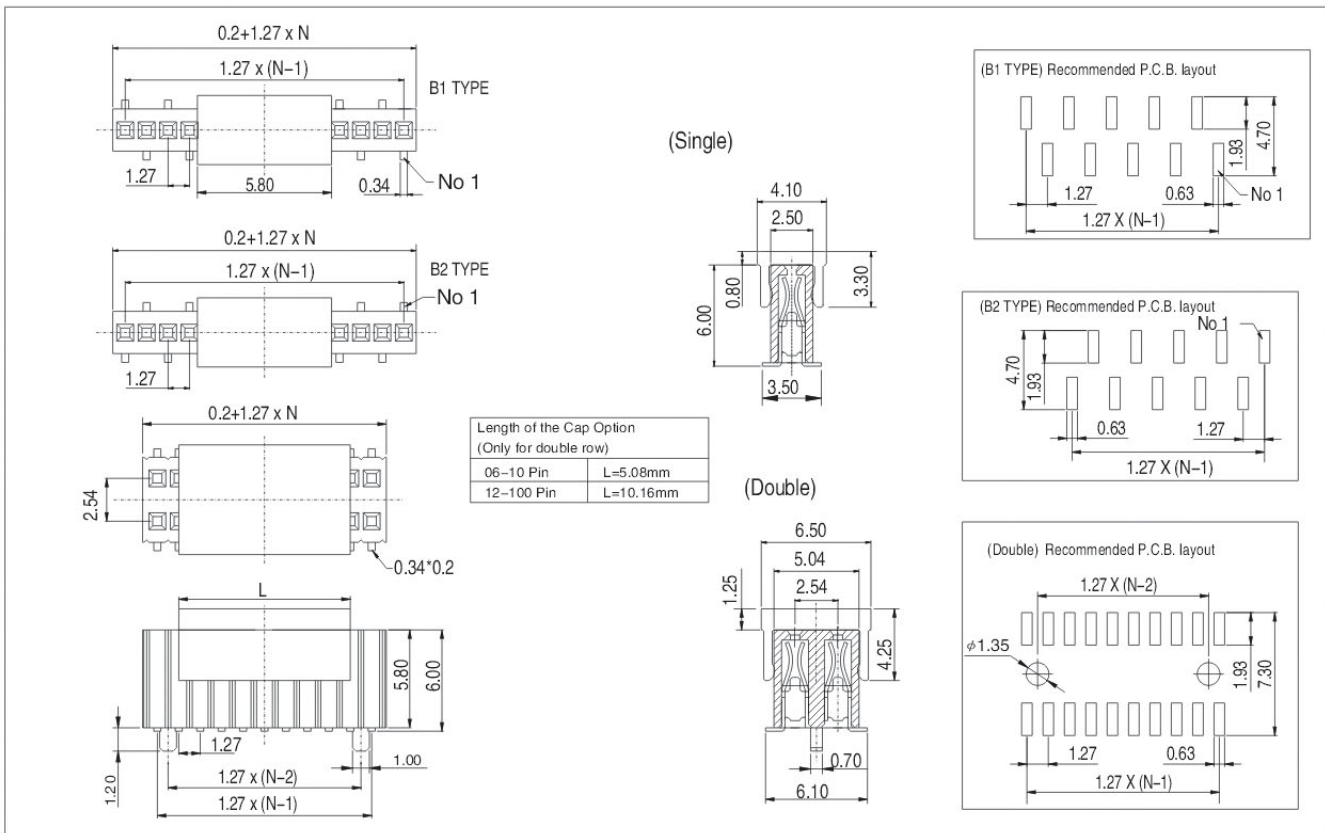
High Density Female header SMT Type 1.27mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 1.27mm, □0.46mm male header



RoHS Compliant



How to order



Number of contact	Code
Single Row Max. 40 poles	003-040
Double Row Max. 100 poles	006-100
Number of Row	Code
Single B1	11
Single B2	12
Double	20

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
20u"Selective gold plated	620

Pick & Place Pad	Code
W/ Cap	1
W/O Cap	2

Packing Option	Code
Tube	1
Tape & Reel	2

peg option	Code
W/Locating peg	10
W/O Locating peg	00
For Double row only	

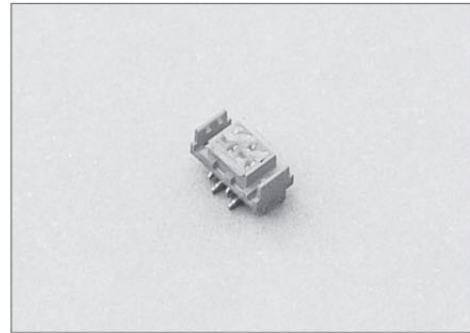
W.E.

660A

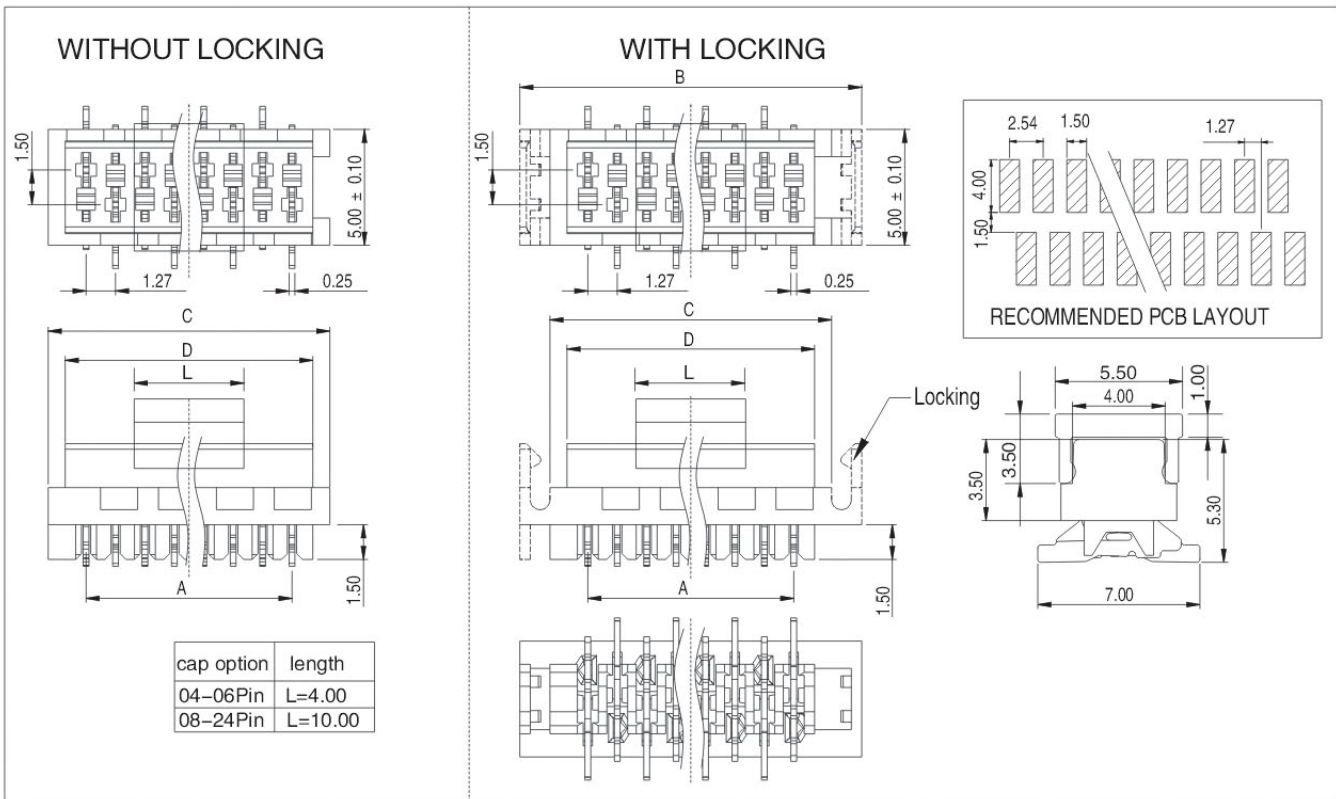
Female Header SMD Type 1.27 Pitch (Mini-Match connector)

Technical Data :

Insulator:	High Temperature Thermoplastic Polyester, rated UL94-V0
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Au or Tin over Nickel
Current rating:	1A
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute
Operating temperature:	-40 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.



RoHS Compliant



How to order



Nr.Of contact	DIMENSIONS			
	A	B	C	D
04	3.81	9.70	7.10	5.60
06	6.35	12.20	9.70	8.14
08	8.89	14.70	12.20	10.68
10	11.43	17.30	14.70	13.22
12	13.97	19.80	17.30	15.76
14	16.51	22.40	19.80	18.30
16	19.05	24.90	22.40	20.84
18	21.59	27.40	24.90	23.38
20	24.13	30.00	27.40	25.92
24	29.21	35.10	32.50	31.00

Plating option	Code
Full gold flash plated	10
Tin plated	50

Locking option	Code
W/Locking	A
W/O locking	B

film tape/cap option	Code
W/ film	1
W/O film	2
W/ cap	3

Packing option	Code
Tube	1
Tape&Reel	2

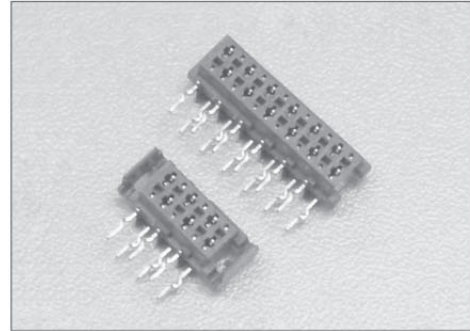
W.E.

660B

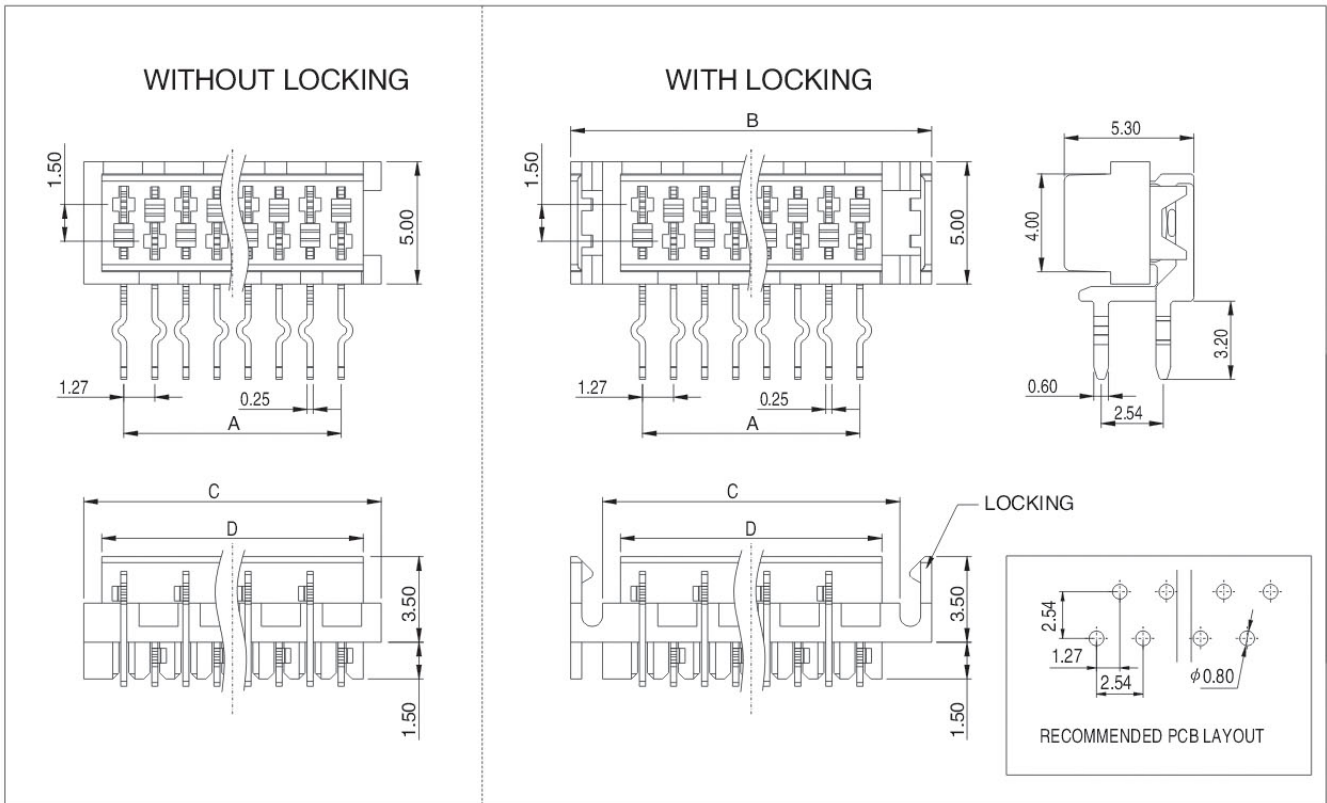
Female On Board Side Entry Type 1.27 Pitch(Mini-Match connector)

Technical data :

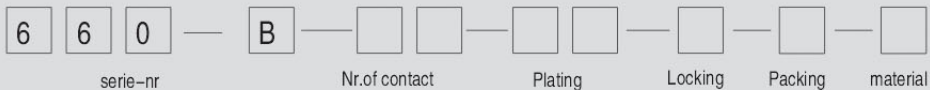
Insulator:	High Temperature Thermoplastic, UL 94V-0.
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Au or Tin over nickel
Operating temperature:	-40 °C to +105 °C
Current rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
(Material:PA6T)	



RoHS Compliant



How to order



Nr.Of contact	DIMENSIONS			
	A	B	C	D
04	3.81	9.70	7.10	5.60
06	6.35	12.20	9.70	8.14
08	8.89	14.70	12.20	10.68
10	11.43	17.30	14.70	13.22
12	13.97	19.80	17.30	15.76
14	16.51	22.40	19.80	18.30
16	19.05	24.90	22.40	20.84
18	21.59	27.40	24.90	23.38
20	24.13	30.00	27.40	25.92
24	29.21	35.10	32.50	31.00

Plating option	Code
Full gold flash plated	10
Tin plated	50

Locking option	Code
W/Locking	A
W/O locking	B

Packing option	Code
Tube	1

material	Code
PA6T	1

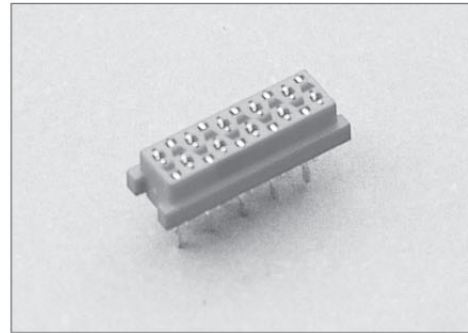
W.E.

660C

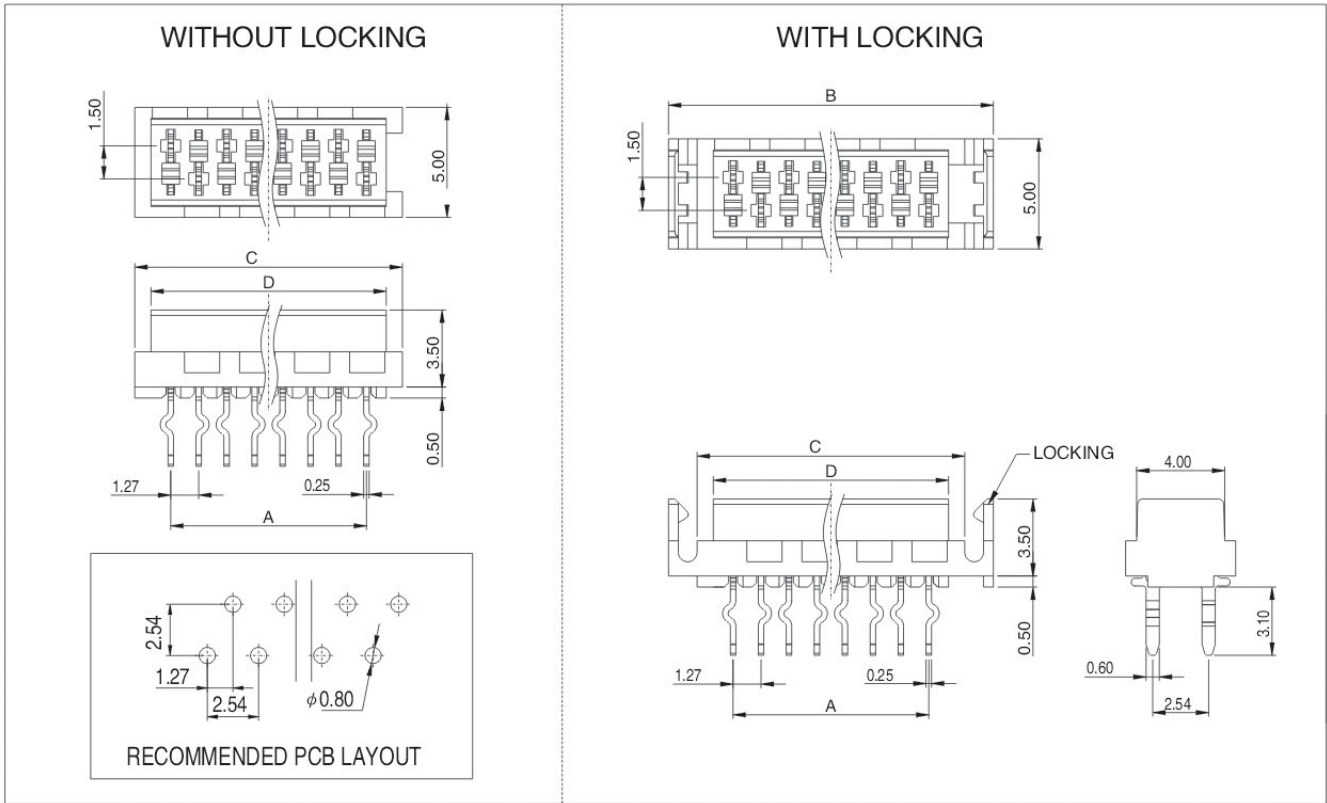
Female On Board Top Entry Type 1.27 Pitch(Mini-Match connector)

Technical data :

Insulator:	High Temperature Thermoplastic, UL 94V-0.
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Au or Tin over nickel
Operating temperature:	-40 °C to +105 °C
Current rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
(Material:PA6T)	



RoHS Compliant



How to order

6	6	0	C							
serie-nr			Nr.of contact	Plating	Locking	Film tape	Packing	material		

Nr.Of contact	DIMENSIONS			
	A	B	C	D
04	3.81	9.70	7.10	5.60
06	6.35	12.20	9.70	8.14
08	8.89	14.70	12.20	10.68
10	11.43	17.30	14.70	13.22
12	13.97	19.80	17.30	15.76
14	16.51	22.40	19.80	18.30
16	19.05	24.90	22.40	20.84
18	21.59	27.40	24.90	23.38
20	24.13	30.00	27.40	25.92
24	29.21	35.10	32.50	31.00

Plating option	Code
Full gold flash plated	10
Tin plated	50

Locking option	Code
W/Locking	A
W/O locking	B

film tape	Code
W/ film	1
W/O film	2

Packing option	Code
Tube	1

material	Code
PA6T	1

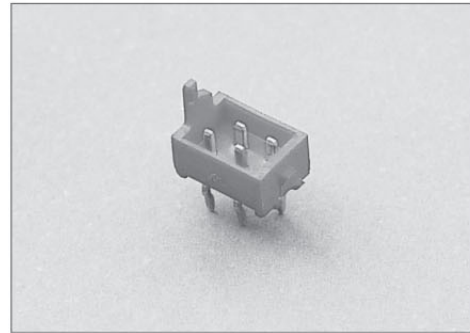
W.E.

660D

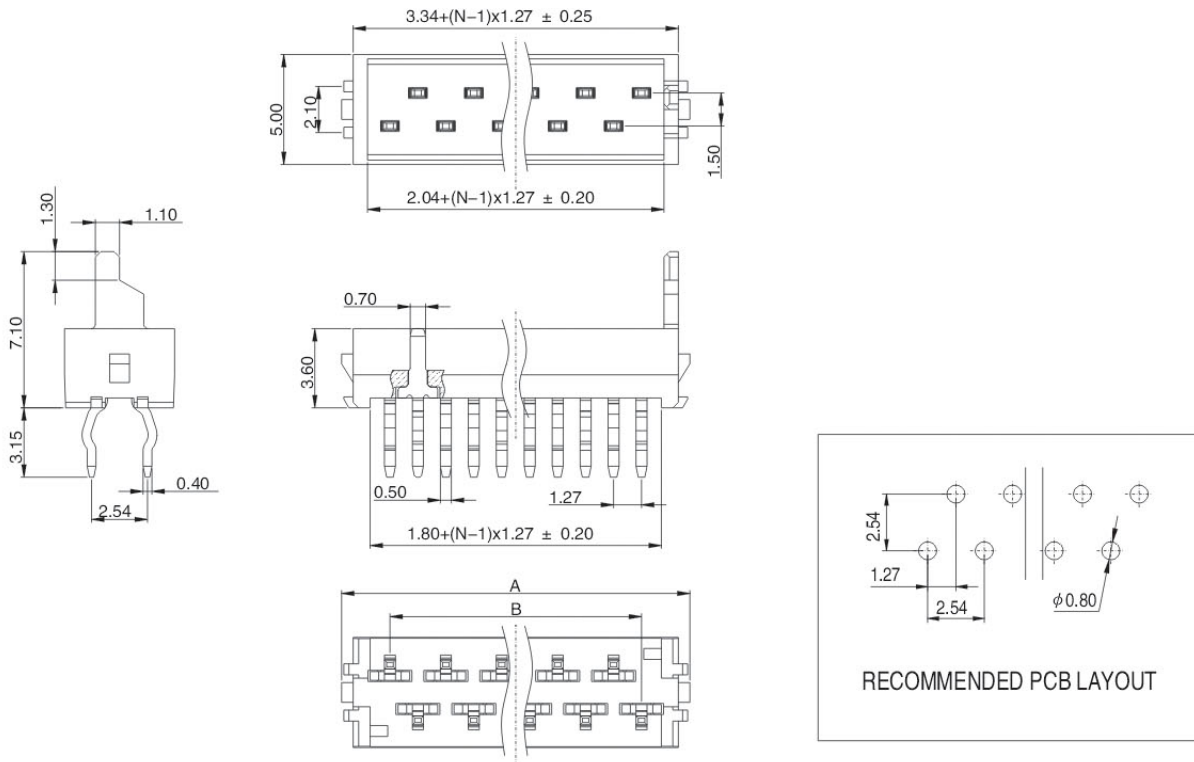
Male On Board Type 1.27 Pitch(Mini-Match connector)

Technical data :

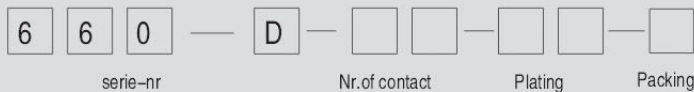
Insulator:	Thermoplastic Polyester,PBT rated UL94-V0
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Tin over nickel
Operating temperature:	-40 °C to+105 °C
Current rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute



RoHS Compliant



How to order



Nr.Of contact	DIMENSIONS	
	A	B
04	8.2	3.81
06	10.7	6.35
08	13.3	8.89
10	15.8	11.43
12	18.3	13.97
14	20.8	16.51
16	23.4	19.05
18	25.9	21.59
20	28.4	24.13
24	33.60	29.21

Plating option	Code
Full gold flash plated	10
Tin plated	50

Packing Option	Code
Tube	1

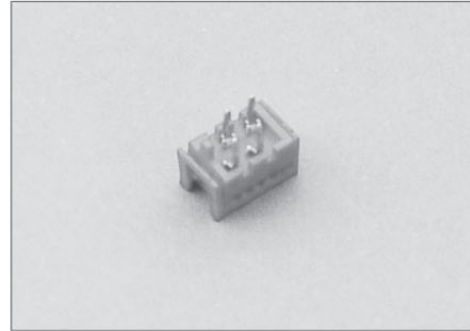
W.E.

660E

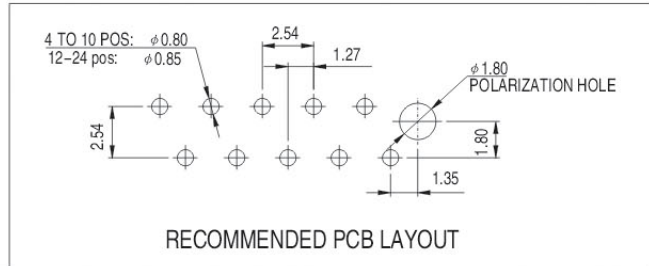
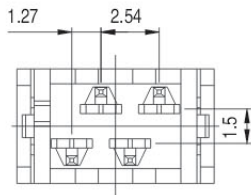
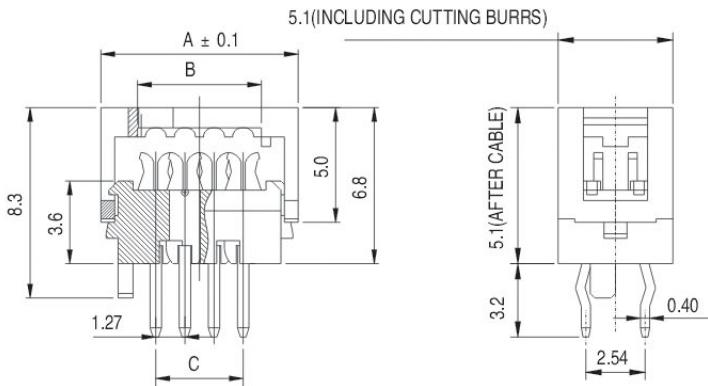
Paddle Board Type 1.27 Pitch(Mini-Match connector)

Technical data :

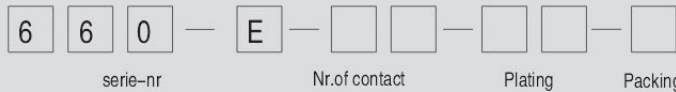
Insulator:	Thermoplastic Polyester,PBT rated UL94-V0
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Tin over nickel
Operating temperature:	-40 °C to+105 °C
Current rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute
Wire size:	28AWG



RoHS Compliant



How to order



Nr.Of contact	DIMENSIONS		
	A	B	C
04	8.6	5.4	3.81
06	11.1	8.0	6.35
08	13.6	10.5	8.89
10	16.2	13.0	11.43
12	18.7	15.6	13.97
14	21.3	18.1	16.51
16	23.8	20.7	19.05
18	26.3	23.2	21.59
20	28.9	25.7	24.13
24	34.0	30.8	29.21

Plating option	Code
Tin plated	50
Selective gold flash plated	60

Packing option	Code
Tube	1

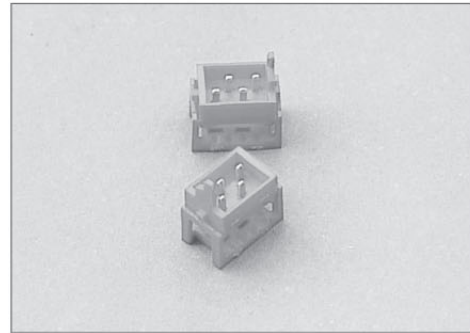
W.E.

660F

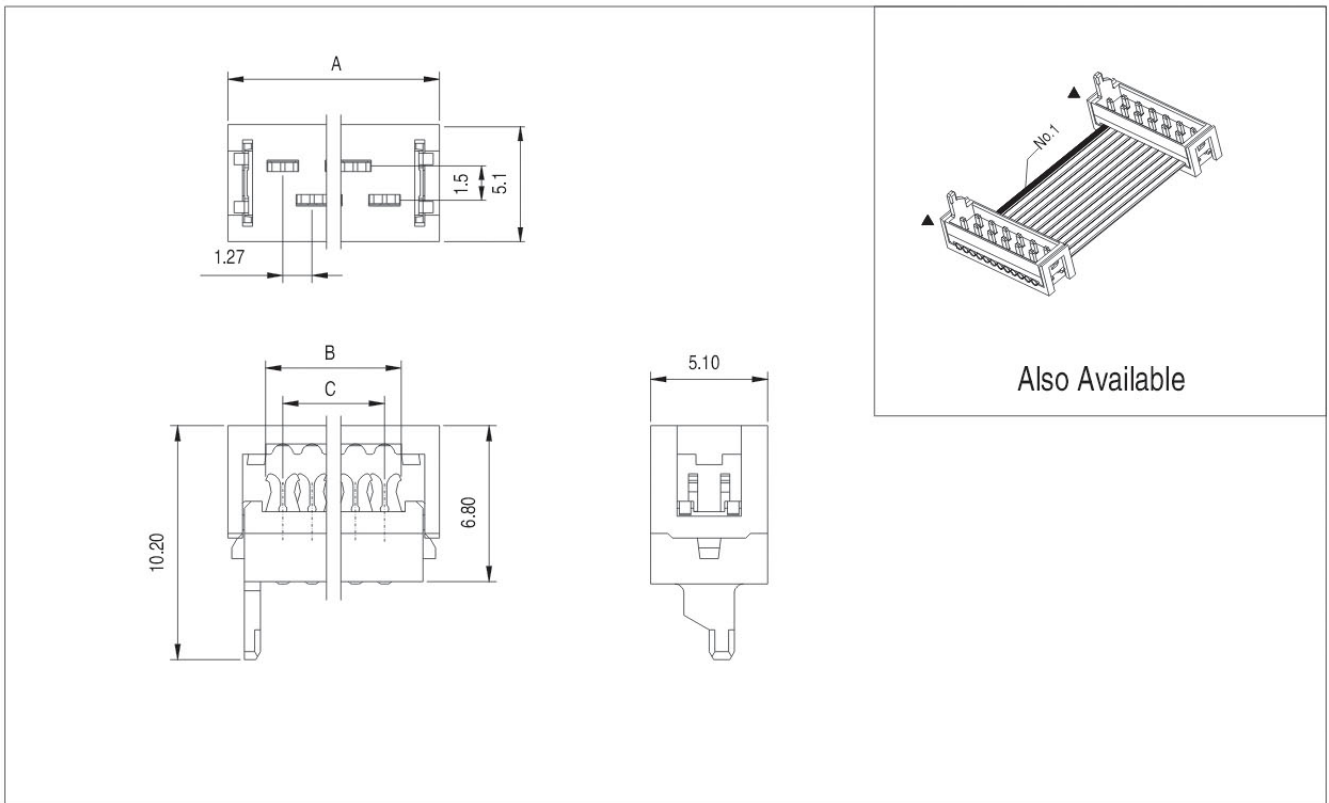
Male On Wire Type 1.27 Pitch(Mini-Match connector)

Technical data :

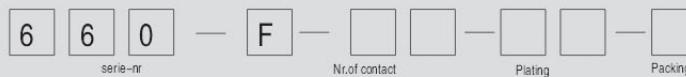
Insulator:	Thermoplastic Polyester,PBT rated UL94-V0
Color Insulator:	Red
Contact:	Phosphor bronze
Plating :	Tin over Nickel
Operating temperature:	-40 °C to+105 °C
Current rating:	1 Amp
Contact resistance:	20 milliohms Max.
Insulation resistance:	1000m min. at DC 100V
Dielectric withstanding:	AC 500V for 1 minute
Wire size:	28AWG



RoHS Compliant



How to order



Nr.Of contact	DIMENSIONS		
	A	B	C
04	8.6	5.4	3.81
06	11.1	8.0	6.35
08	13.6	10.5	8.89
10	16.2	13.0	11.43
12	18.7	15.6	13.97
14	21.3	18.1	16.51
16	23.8	20.7	19.05
18	26.3	23.2	21.59
20	28.9	25.7	24.13
24	34.0	30.8	29.21

Plating option	Code
Tin plated	50
Selective gold flash plated	60

Packing option	Code
Tube	1

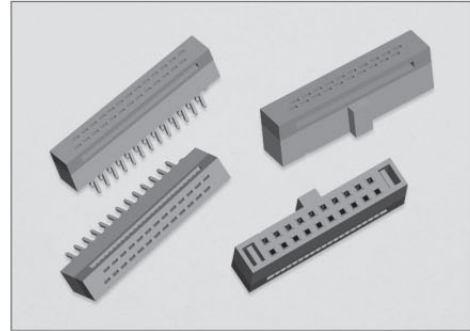
W.E.

134,134-1

1.27mm I.D.C SOCKET

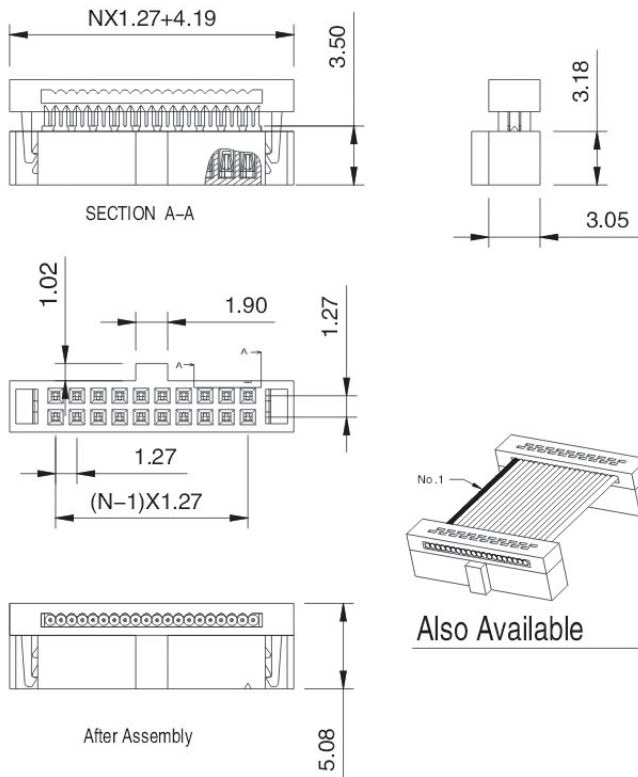
Technical Data:

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact:	Stamped and formed,BeCu
Plating:	Au/Sn over Nickel
Wire size:	30AWG
Current Rating:	1Amp
Contact resistance:	20 milliohms Max.
Insulator resistance:	1000 Megohms min.
Dielectric withstanding:	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	For <input type="checkbox"/> 0.40 Male header 1.27x1.27mm

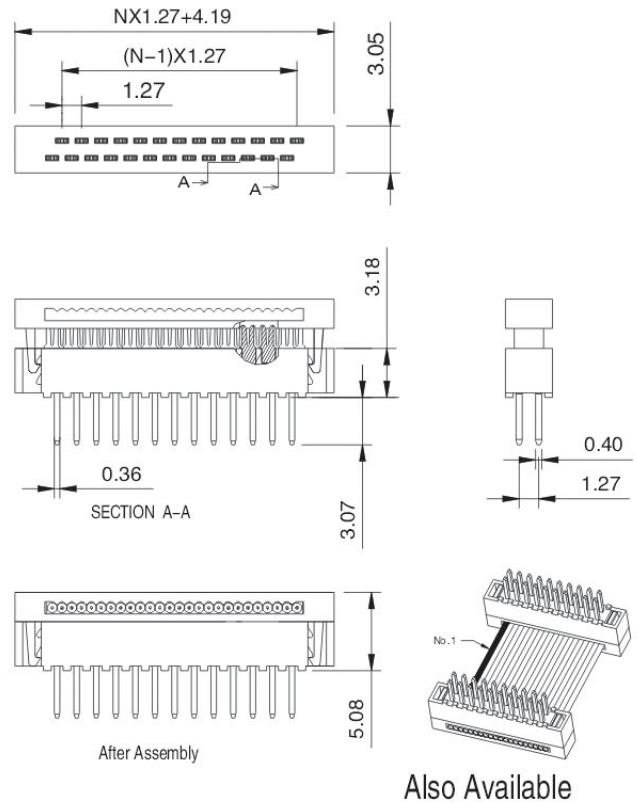


RoHS Compliant

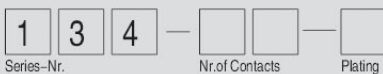
134 Series



134-1 Series



How to order



Nr. of Contacts	Plating option	Code
10,12,14,20	Tin plated	50
26,30,34,40,50	Selective gold flash plated	60

How to order



Nr. of Contacts	Plating option	Code
10,12,14,20	Tin plated	50
26,30,34,40,50	Selective gold flash plated	60

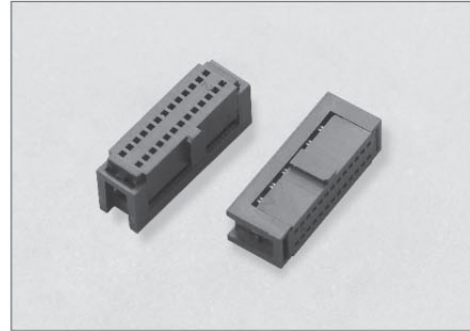
W.E.

377

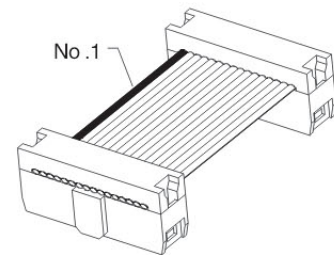
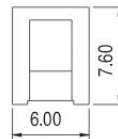
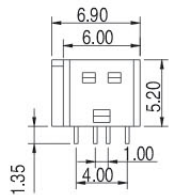
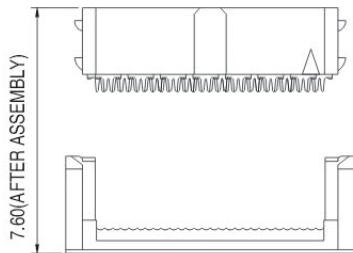
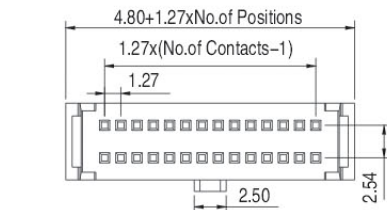
1.27mm I.D.C SOCKET

Technical Data:

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact:	Stamped and formed, phosphor bronze BeCu For 134
Plating:	Au/Sn over Nickel
Wire size:	30AWG
Current Rating:	1Amp
Contact resistance:	20 milliohms Max.
Insulator resistance:	1000 Megohms min.
Dielectric withstanding:	AC 500V for 1 Minute
Operating Temperature:	-40 °C to +105 °C
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with:	For □ 0.46 Male header 1.27x2.54mm



RoHS Compliant



Also Available

How to order



Nr. of Contacts
20,26,30,34,40
50,60,68,80,100

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Strain Relief Option	Code
W/ Strain Relief	1
W/O Strain Relief	2

W.E.

167

Mini jumper 1.27mm Pitch closed type for 0.4mm square pin

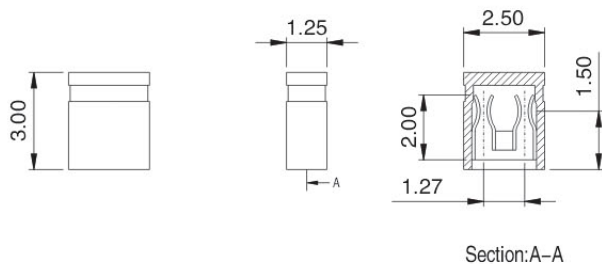
Technical Data :

Insulator Material:	Thermoplastic(PA66),UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms Min.
Dielectric withstanding :	AC 500 V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch 1.27mm, □0.40mm male header

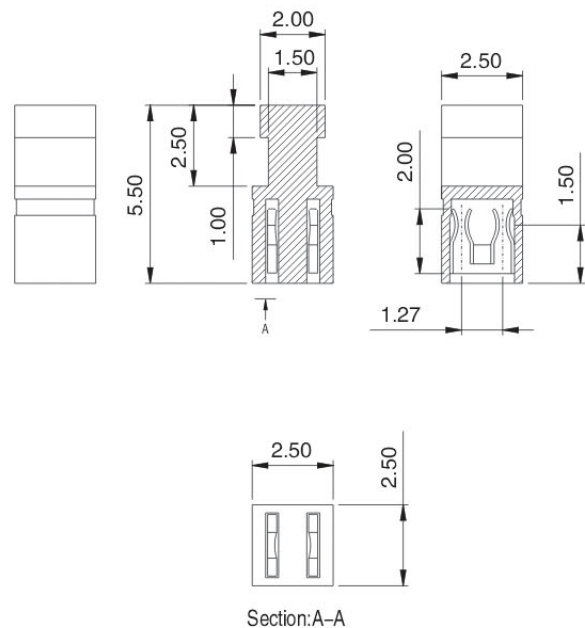


RoHS Compliant

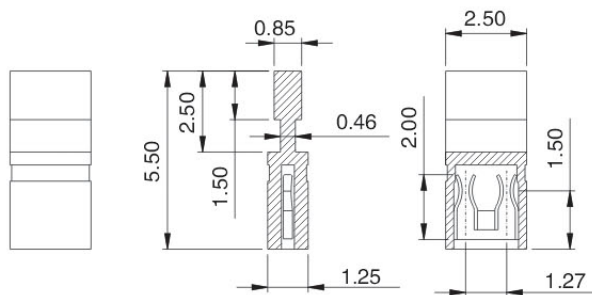
Profile 3.0mm single



Profile 5.5mm Double



Profile 5.5mm single



How to order



Jumper Type	Code
Profile 3.0 mm single	10
Profile 5.5 mm single	11
Profile 5.5 mm double	20

Color of insulator	Code
Black	10

Clip Plating	Code
Gold plated	10
Tin plated	50

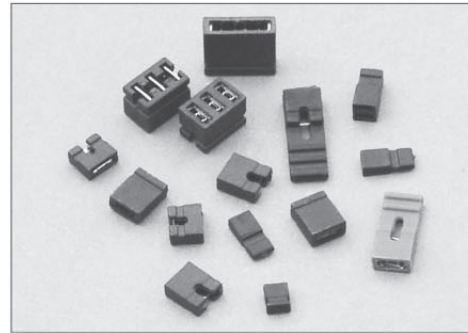
W.E.

351,351-1

Jumper open and closed pitch 2.00mm for Square pins

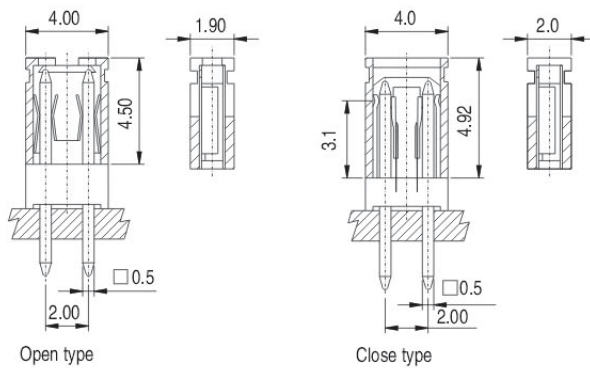
Technical Data :

Insulator Material:	Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch 2.0mm, □ 0.5mm male header

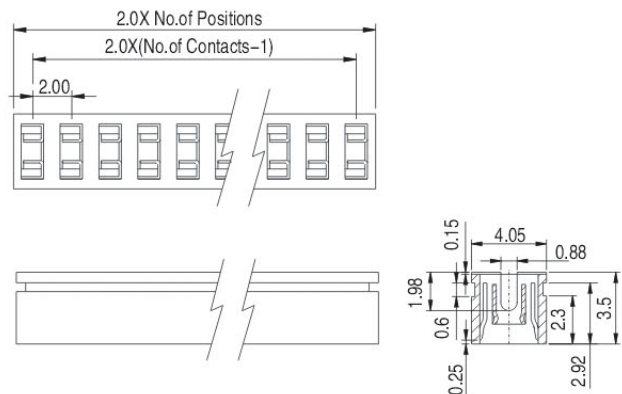


RoHS Compliant

351 serie



351-1 serie



How to order

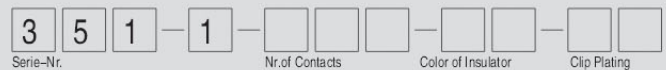


Jumper type	Code
Closed Type	101
Open Housing	201

Color of insulator	Code
Black	10

Plating option clip	Code
Gold plated	10

How to order



Nr. of Contacts	Code
04~20 (2~10 units)	04~20

Color of insulator	Code
Black	10

Plating option clip	Code
Gold plated	10
Tin plated	50

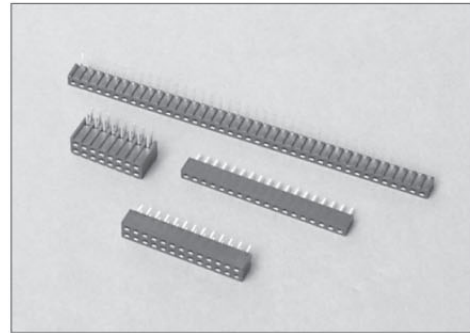
W.E.

316

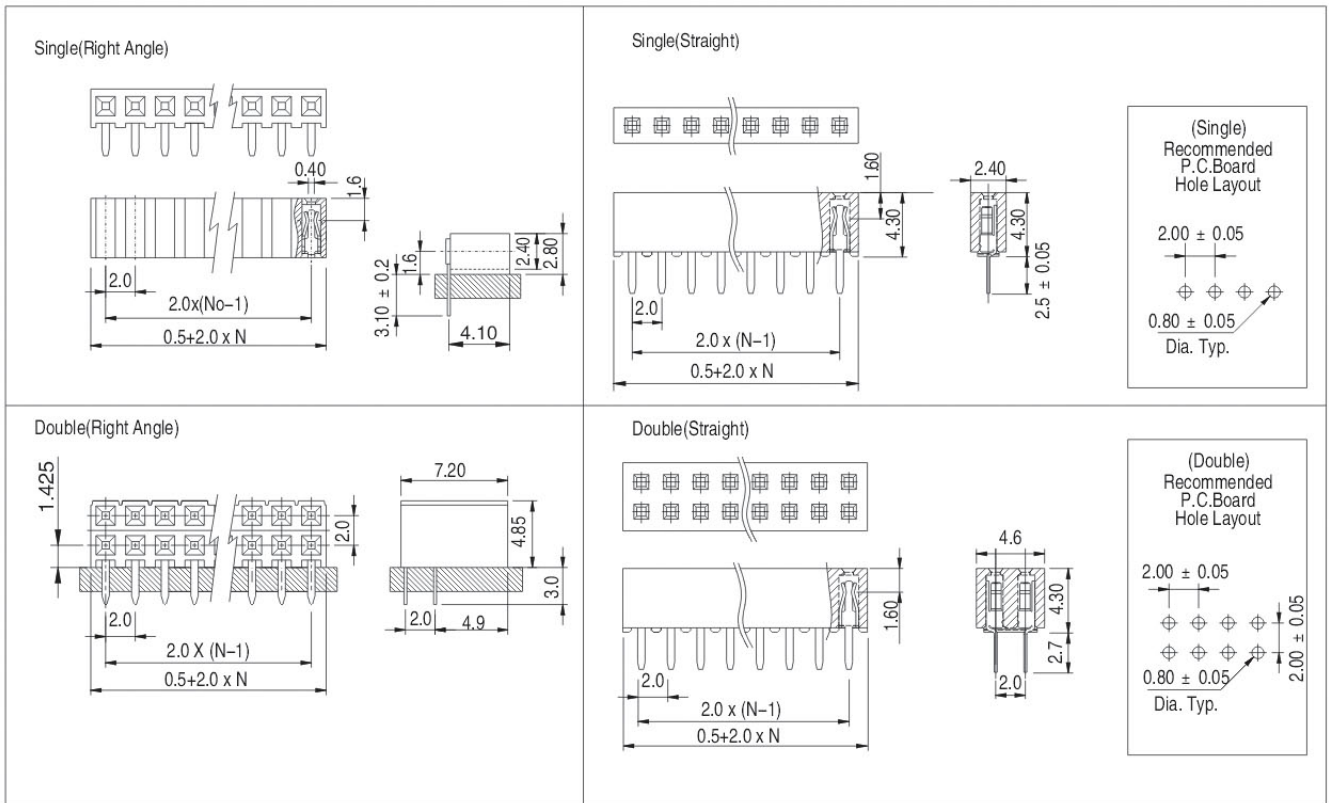
Economy Female-Headers- 2.0mm pitch, profile H:4.3&7.2mm

Technical Data :

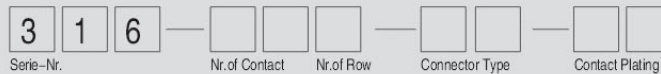
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant



How to order



Number of contact	Code	Number of row	Code	Connector type	Code	Plating option contact	Code
1-single max. 40 poles	03-40	Single	1	Straight Type	11	Gold plated	10
2-double max. 80 poles	06-80	Double	2	Right Angle	20	Tin plated	50
						Selective gold flash plated	60
						10U*Selective gold plated	610
						20U*Selective gold plated	620

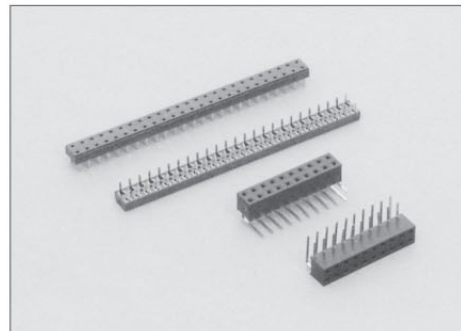
W.E.

316-1

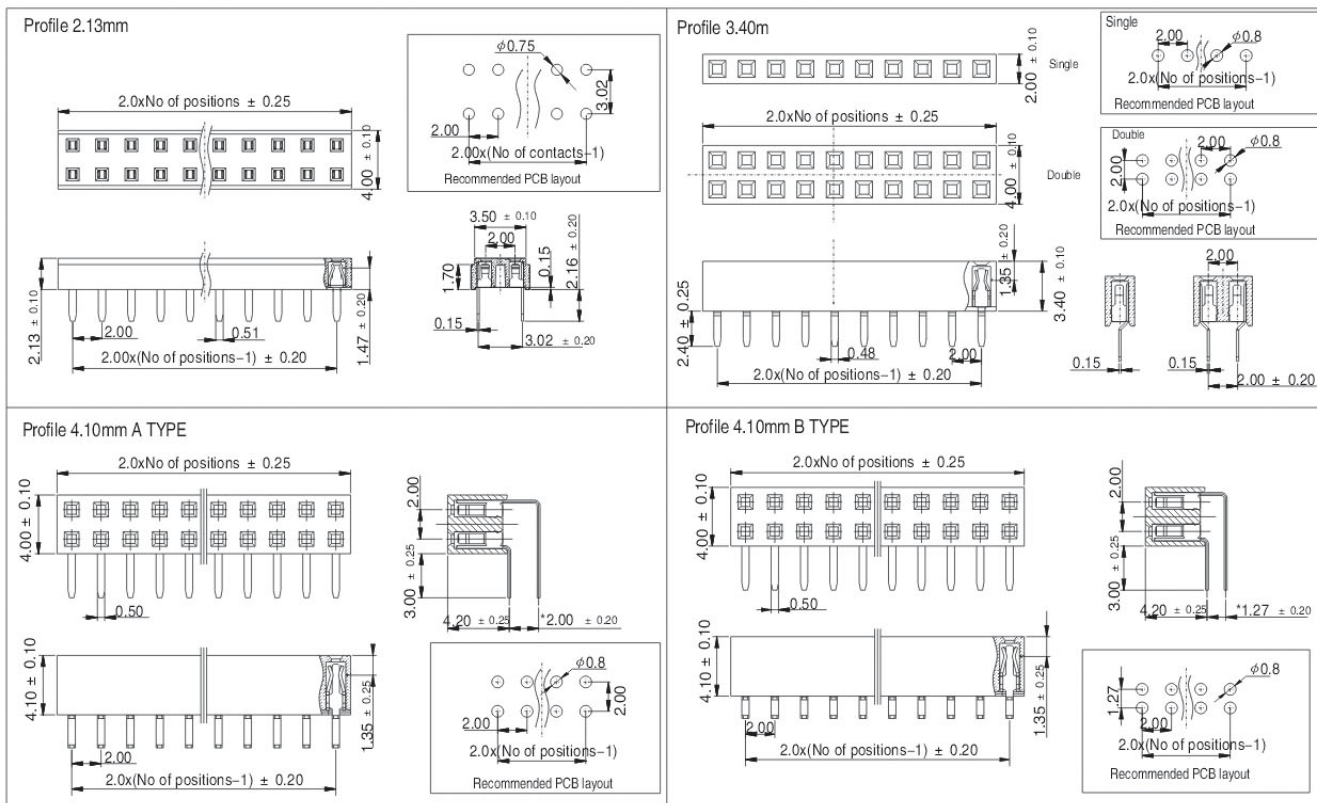
Economy Female-Headers-2.0mm pitch

Technical Data :

Insulator Material:	LCP,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant



How to order



Number of contact	Code
Profile 3.40 single	03-40
Profile 2.13double	04-80
Profile 3.40 double	06-80
Profile 4.10 double	04-80

Number of row	Code
Single	1
Double	2

Profile	Code
2.13mm	1
3.40mm	2
4.10mm A TYPE	3
4.10mm B TYPE	4

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10U" Selective gold plated	610
20U" Selective gold plated	620
Selective gold flash plated only for profile 3.40,4.10 mm	

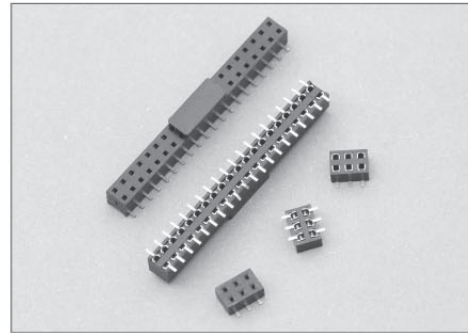
W.E.

618

Economy Female header 2.0mm pitch SMT Type Height 2.3& 2.8mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant

<h4>Top Entry</h4> <p>Length of the Cap Option</p> <table border="1"> <tr> <td>04-10 Pin</td> <td>L=5.0mm</td> </tr> <tr> <td>12-80 Pin</td> <td>L=10.16mm</td> </tr> </table>	04-10 Pin	L=5.0mm	12-80 Pin	L=10.16mm	<h4>D type</h4> <p>Length of the Cap Option</p> <table border="1"> <tr> <td>04-10 Pin</td> <td>L=4.0mm</td> </tr> <tr> <td>12-80 Pin</td> <td>L=10.0mm</td> </tr> </table>	04-10 Pin	L=4.0mm	12-80 Pin	L=10.0mm
04-10 Pin	L=5.0mm								
12-80 Pin	L=10.16mm								
04-10 Pin	L=4.0mm								
12-80 Pin	L=10.0mm								
<h4>Bottom Entry</h4> <p>Length of the Cap Option</p> <table border="1"> <tr> <td>04-10 Pin</td> <td>L=5.0mm</td> </tr> <tr> <td>12-80 Pin</td> <td>L=10.16mm</td> </tr> </table>	04-10 Pin	L=5.0mm	12-80 Pin	L=10.16mm	<p>Top/Bottom Entry P.C.B. Layout</p> <p>D type recommended PCB layout</p>				
04-10 Pin	L=5.0mm								
12-80 Pin	L=10.16mm								

How to order

6	1	8							
Series-Nr.	Nr. of Contact	Profile	Plating	Locating peg	Cap Option	Packing Option			

Number of contact	Code	Profile	Code	Pick & Place	Code	Locating peg option	Code
2.8mm 04 to 80 poles	04-80	2.8mm Top Entry	1	W/ Cap	1	W/ Locating peg	10
		2.8mm Bottom Entry	2	W/O Cap	2	W/O Locating peg	00
		2.3mm D Type	5				
		Plating option	Code	Packing option	Code		
		Gold plated	10	Tube	1		
		Tin plated	50	Tape & Reel	2		
		Selective gold plated (For Top Entry Type Only)	60				

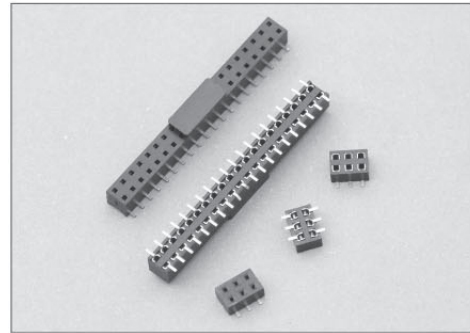
W.E.

618

Economy Female header 2.0mm pitch SMT Type Height 4.3&4.5mm

Technical Data :

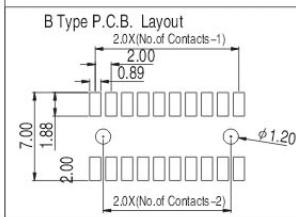
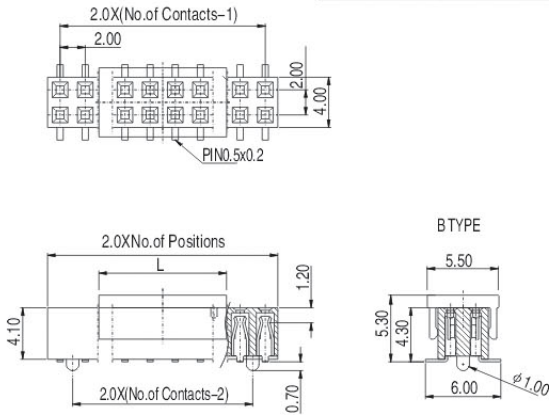
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant

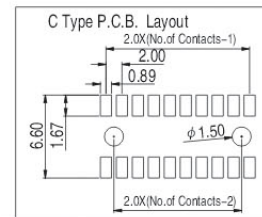
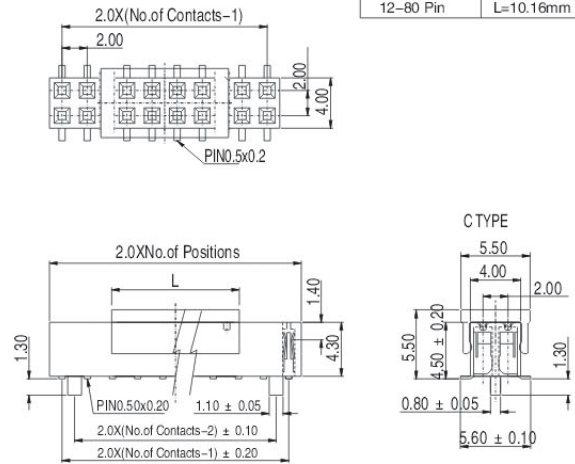
B Type

Length of the Cap Option	
04-10 Pin	L=5.0mm
12-80 Pin	L=10.16mm



C Type

Length of the Cap Option	
04-10 Pin	L=5.0mm
12-80 Pin	L=10.16mm



How to order



Number of contact	Code	Profile	Code	Pick & Place	Code	Locating peg option	Code
Profile: 4.3mm 04 to 80 poles	04-80	4.3mm B Type	3	W/ Cap	1	W/ Locating peg	10
		4.5mm C Type	4	W/O Cap	2	W/O Locating peg	00
		Plating option	Code	Packing option	Code		
		Gold plated	10	Tube	1		
		Tin plated	50	Tape & Reel	2		
		Selective gold flash plated	60				
		10U* Selective gold plated	610				
		20U* Selective gold plated	620				

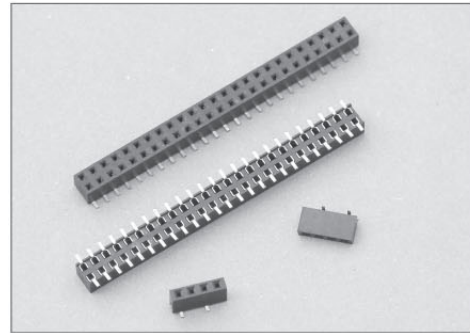


618-1

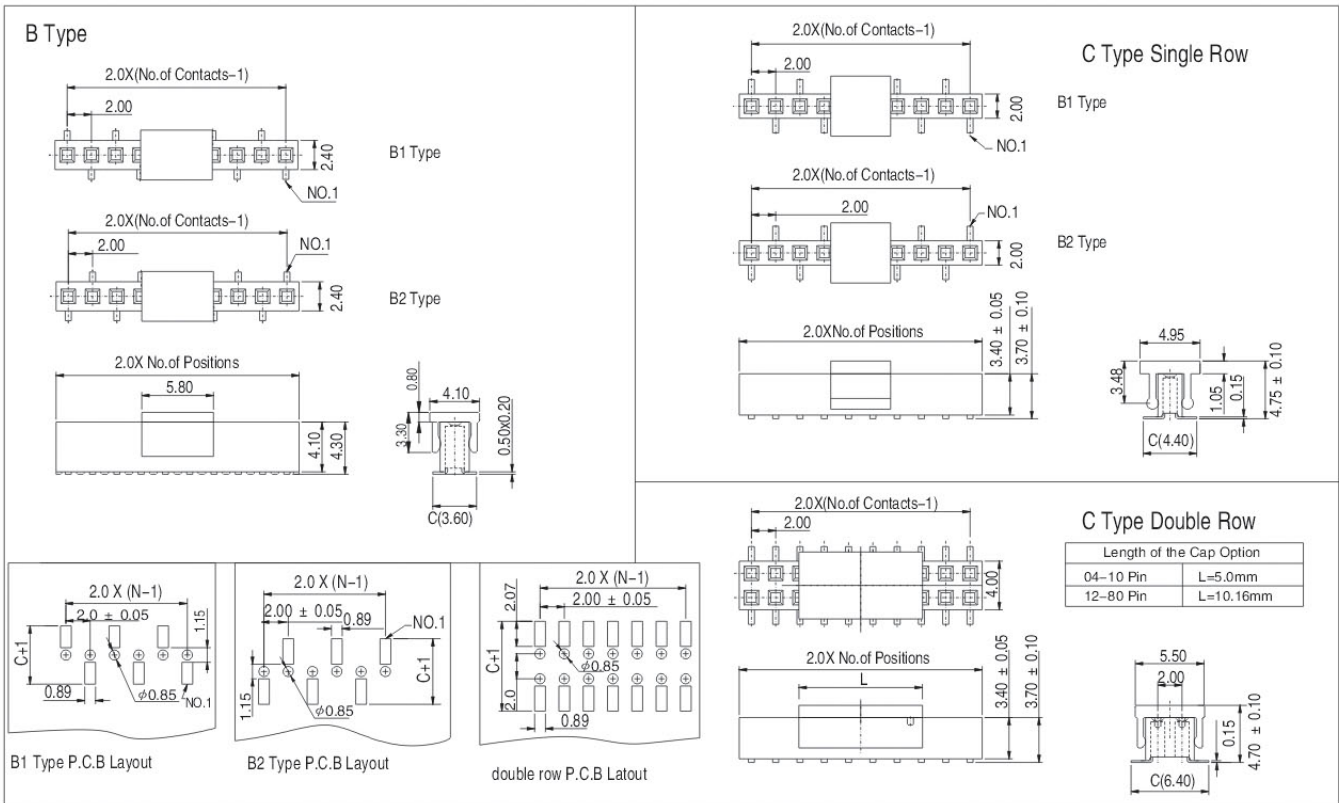
Economy Female header 2.00mm pitch SMT Type Height 3.70mm&4.30mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant



How to order



Number of contact	Code
B Type Single Row	04-40
C Type Single Row	04-40
C Type Double Row	06-80

Connector Type	Code
B Type B2 Layout	3
B Type B1 Layout	4
C Type B2 Layout	5
C Type B1 Layout	6
Double Row	7

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10U* Selective gold plated	610
20U* Selective gold plated	620

Pick & Place	Code
W/ Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

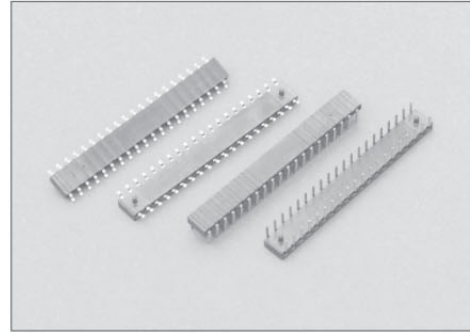
W.E.

619

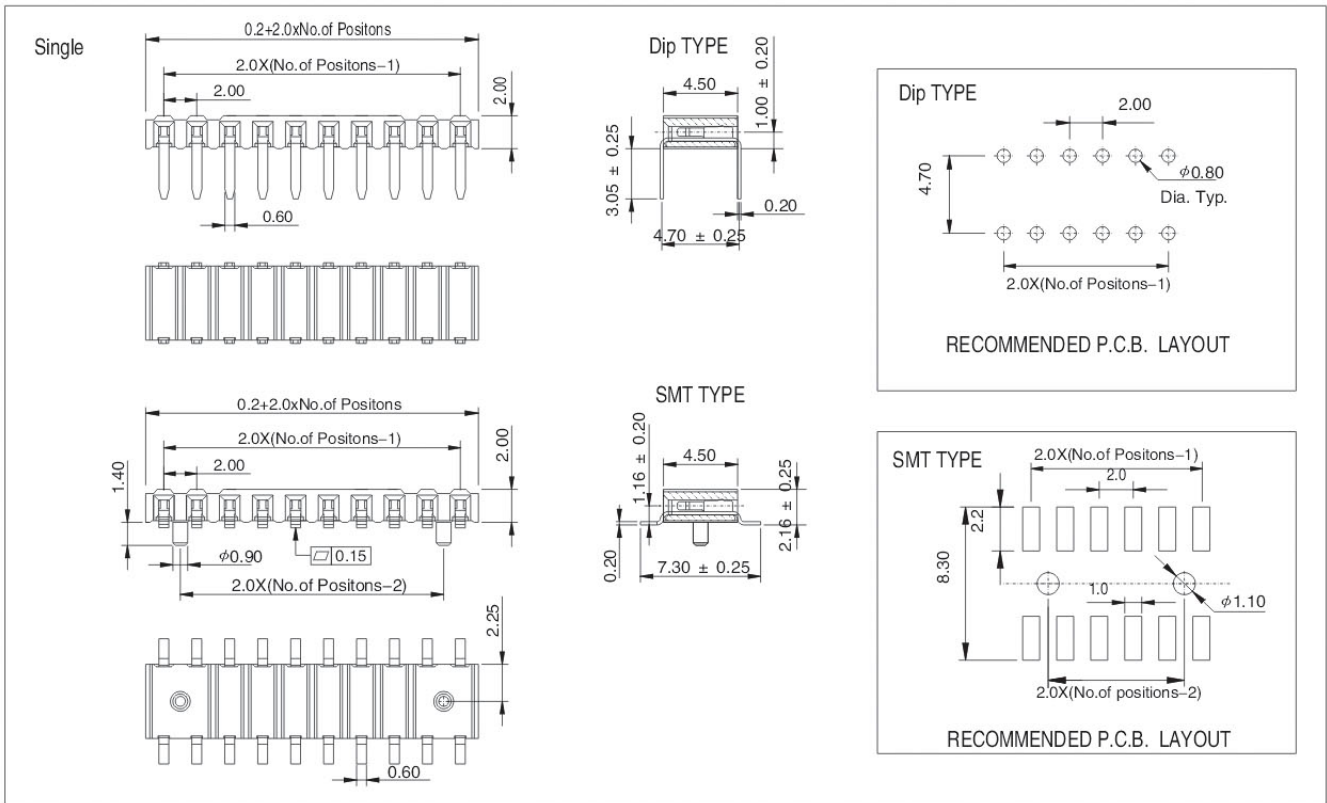
Side entry female header 2.0mm pitch single row

Technical Data :

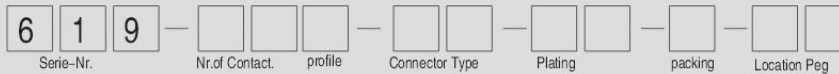
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant



How to order



Number of contact	Code	Profile	Code	Plating option	Code	Packing option	Code	Location Peg	Code
single 02-30 poles(Dip type)	02-30	2.0mm single	3	Gold plated	10	Tube	1	W/ Location Peg	10
single 02-20 poles(SMT type)	02-20			Tin plated	50	Tape & Reel	2	W/O Location Peg	00
				Selective gold flash plated	60				

Connector Type	Code
Dip Type	10
SMT Type	20

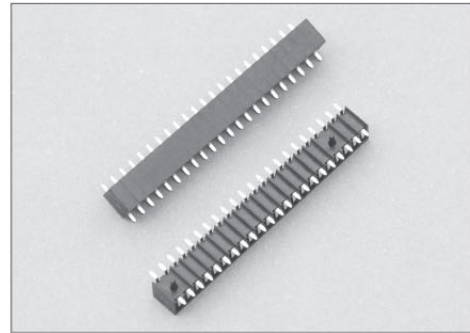
W.E.

619

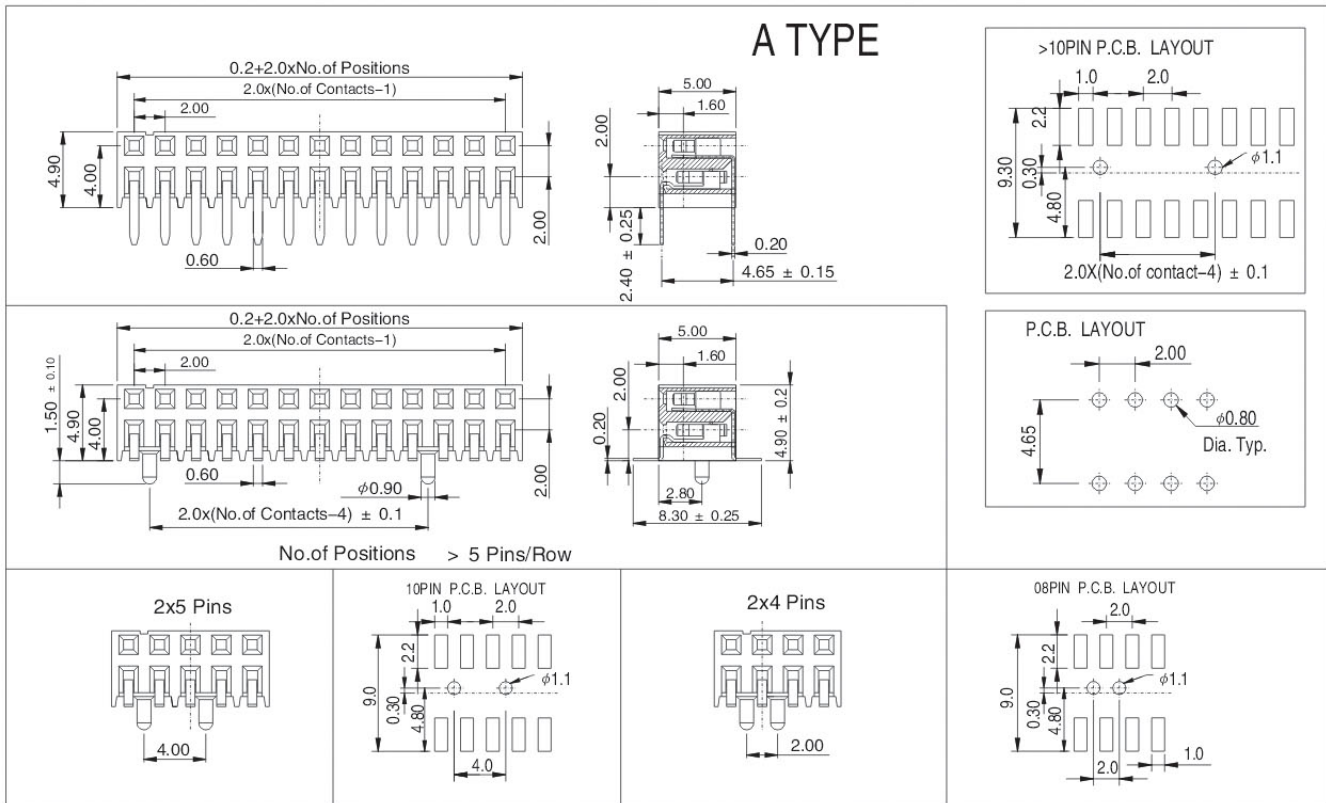
Side entry female header 2.0mm pitch double row A Type

Technical Data :

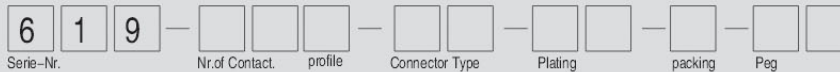
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant



How to order



Number of contact	Code
06-50 poles	06-50

Profile	Code
4.9mm A Type	1
4.3mm B Type	2

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10U* Selective gold plated	610
20U* Selective gold plated	620

Packing option	Code
Tube	1
Tape & Reel	2

Connector Type	Code
Dip Type	10
SMT Type	20

Location Peg	Code
W/ Location Peg	10
W/O Location Peg	00

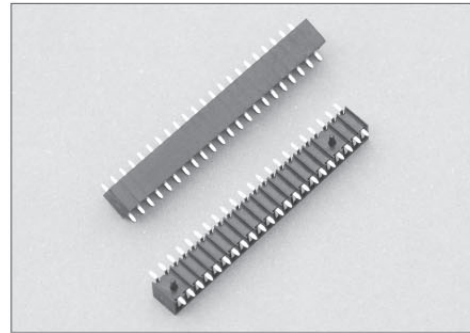
W.E.

619

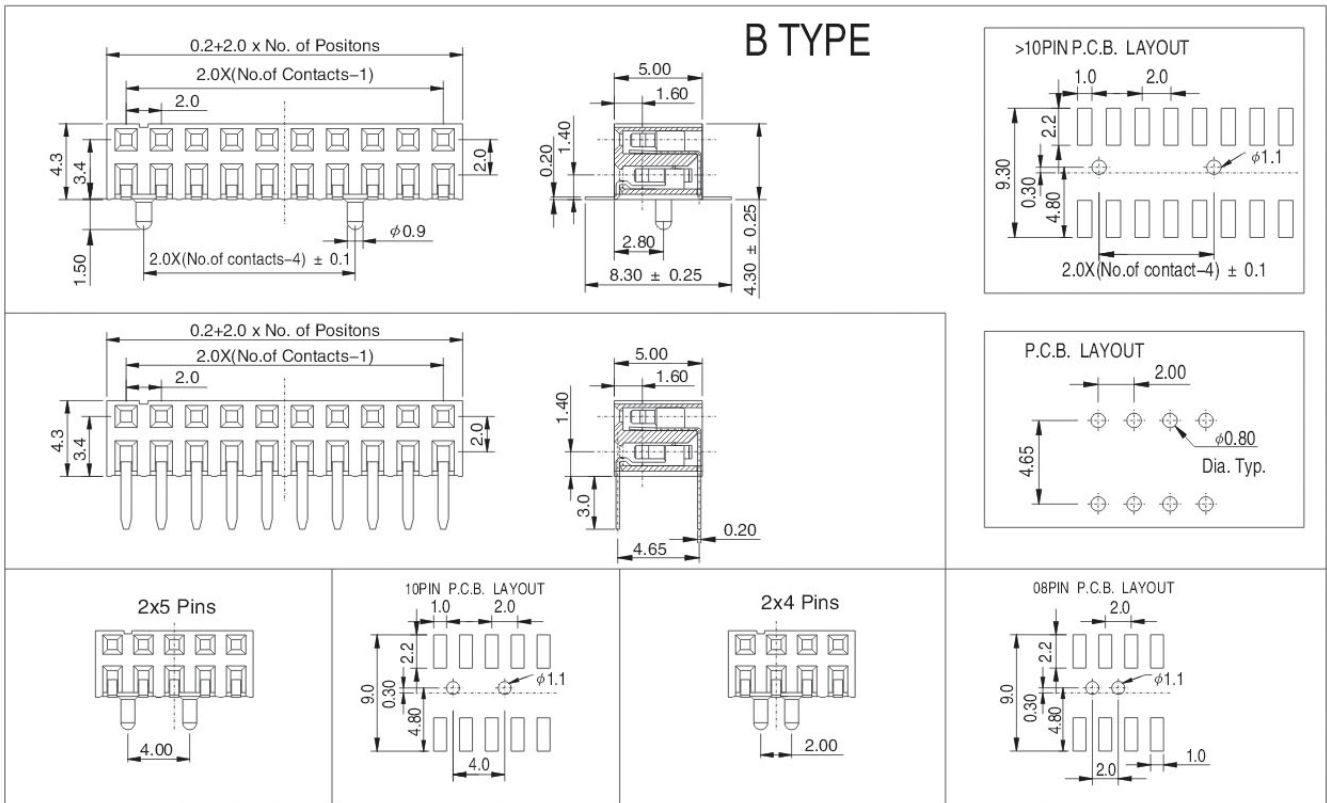
Side entry female header 2.0mm pitch double row B Type

Technical Data :

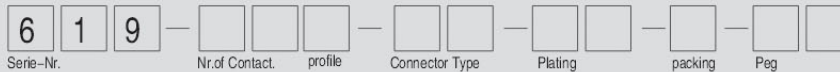
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant



How to order



Number of contact	Code
06-50 poles	06-50

Profile	Code
4.9mm A Type	1
4.3mm B Type	2

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10U* Selective gold plated	610
20U* Selective gold plated	620

Packing option	Code
Tube	1
Tape & Reel	2

Connector Type	Code
Dip Type	10
SMT Type	20

Location Peg	Code
W/ Location Peg	10
W/O Location Peg	00

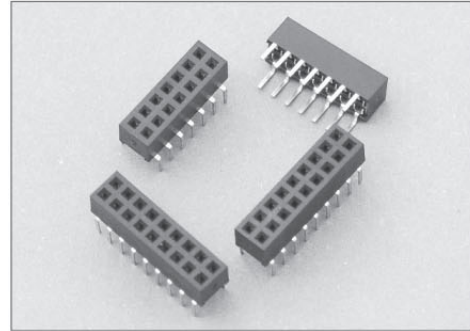
W.E.

620

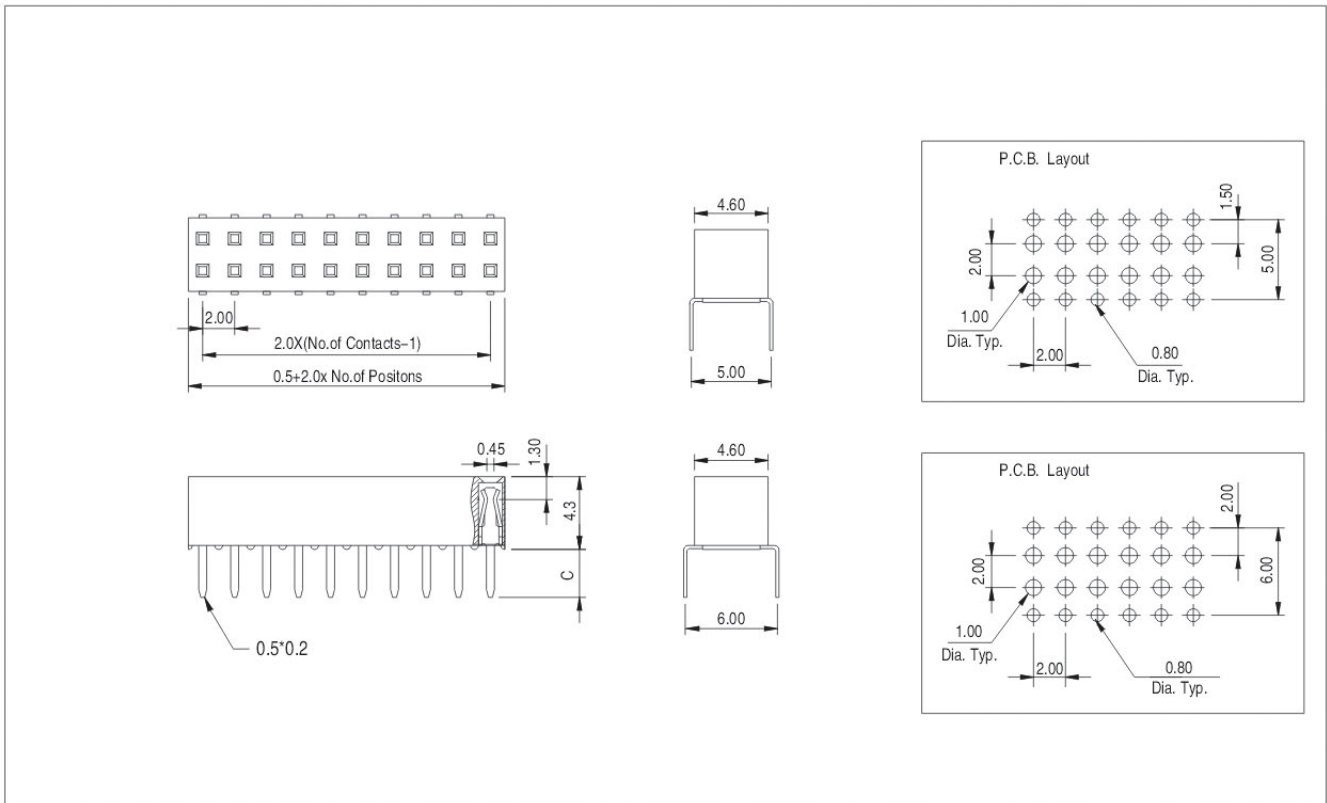
Female Header DUAL Entry Type 2.0mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm , □ 0.50mm male header.



RoHS Compliant



How to order



Number of contact	Code
Double Max. 80 ploes	06-80

Spacing option	Code
5.0 mm C=3.6	1
6.0 mm C=3.0	2

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60
10U" Selective gold plated	610
20U" Selective gold plated	620

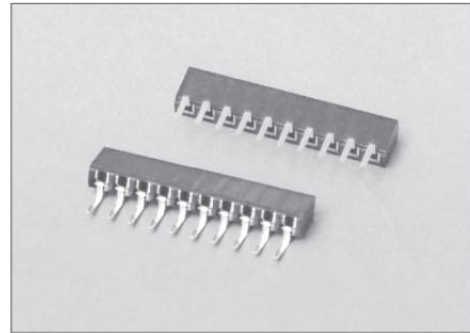
W.E.

620

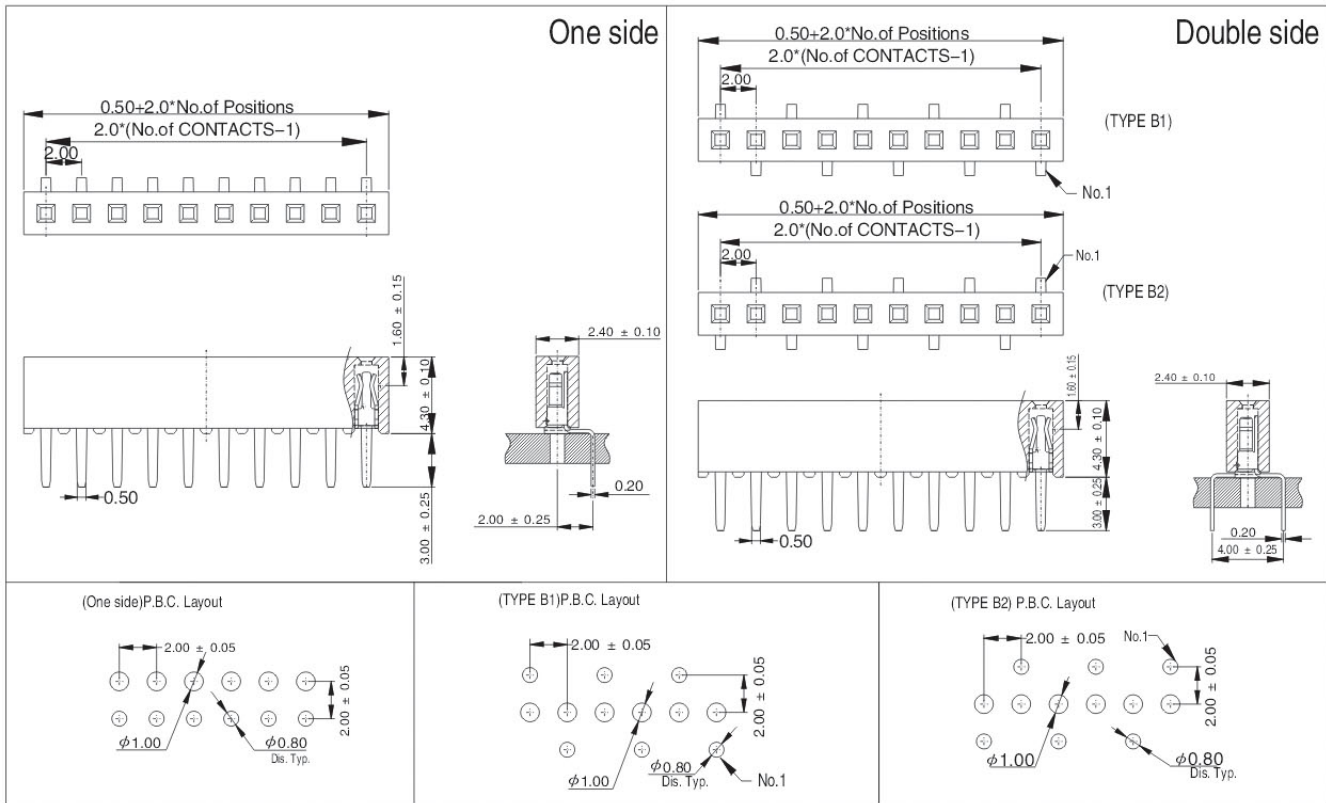
Female Header DUAL Entry Type 2.0mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm ,□0.50mm male header.



RoHS Compliant



How to order



Number of contact	Code
Single max.40 poles	03-40

Spacing option	Code
Single row one side	3
Single row Double side Type B1	4
Single row Double side Type B2	5

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10U" Selective gold plated	610
20U" Selective gold plated	620

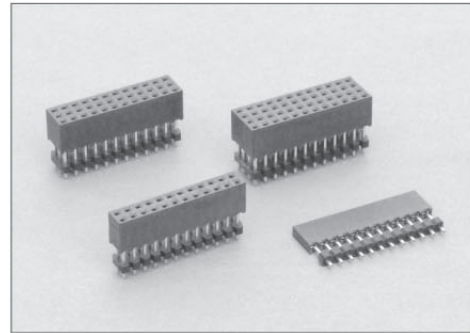
W.E.

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Elevated female header 2.0mm pitch H6.35 Dip 180 Type

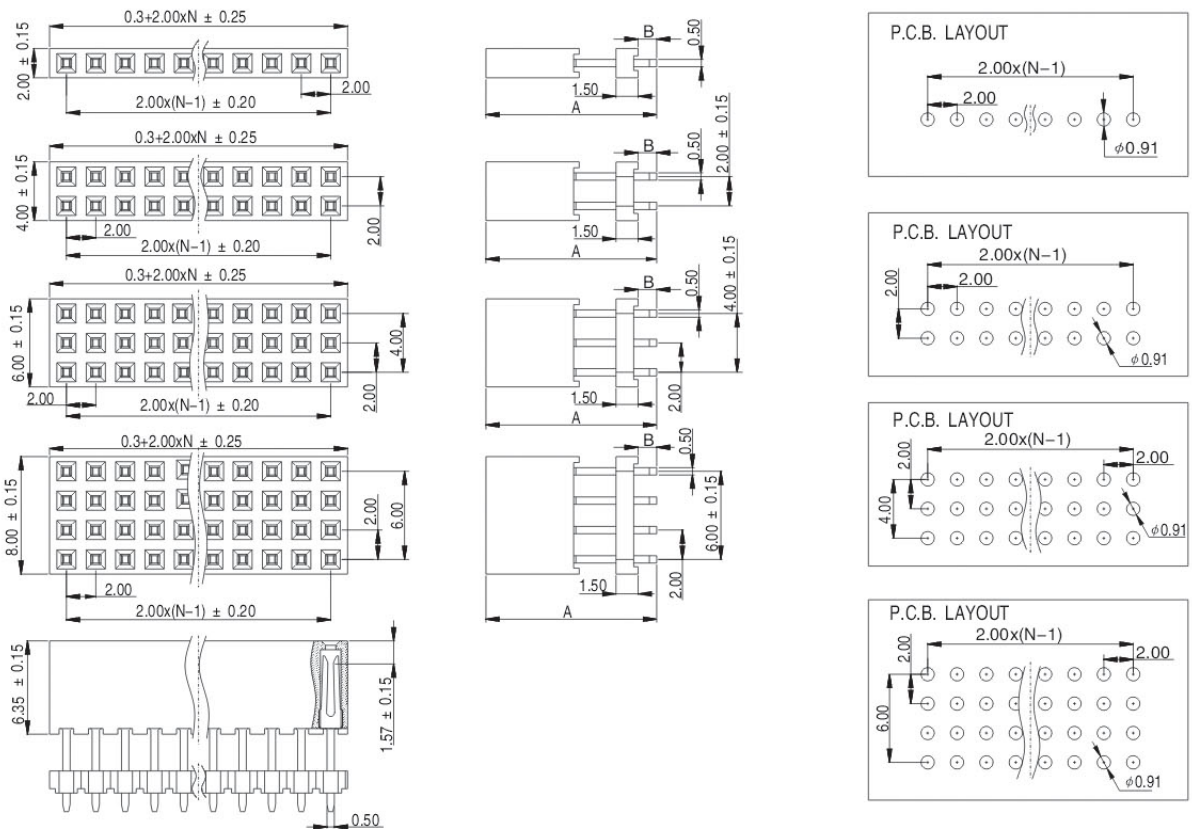
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant

DIP 180 ° TYPE



How to order



Number of contact	Code
single row	02-40
double row	04-80
triple row	06-120
four row	08-160

Nr.of Row	Code
single row	10
double row	20
triple row	30
four row	40

Connector Type		Code	
Elevated Dip 180 ° Type		11	
Dimension		Code	B MAX
A	B		
9.35	1.27	10	1.5
11.63	1.27	20	3.78
12.34	1.27	30	4.49
21.59	1.27	40	13.74
AS Request A/XXX FOR Eg. A=11.63,B=3.00 CODE Nr.=11.63/3.00			

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

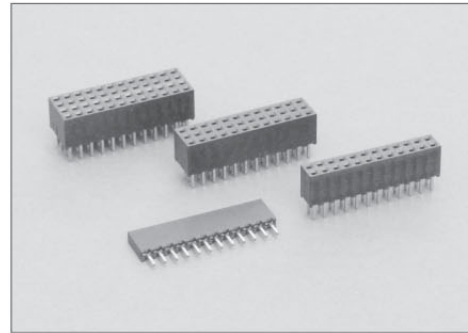
W.E.

136

Female header 2.0mm pitch H6.35 Dip 180 Type

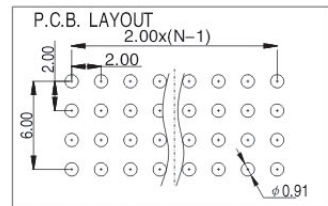
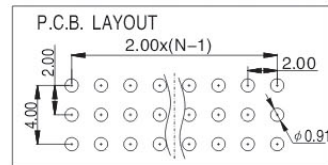
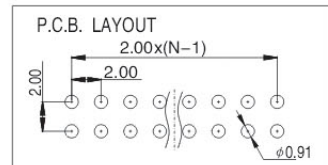
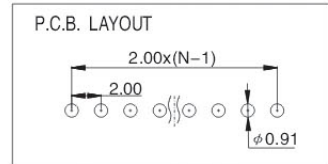
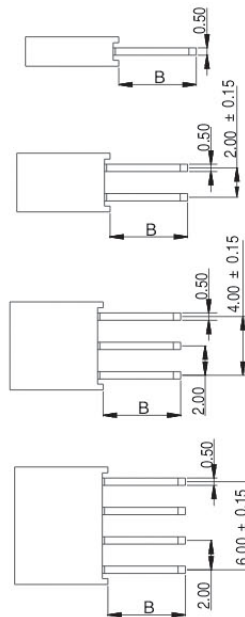
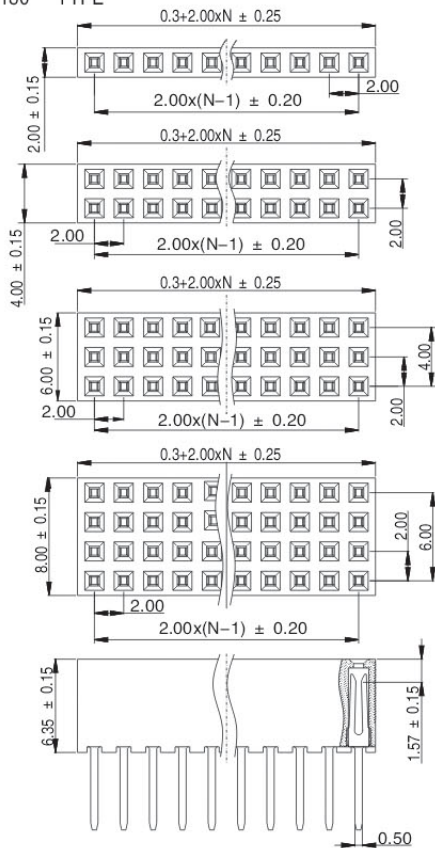
Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □0.50mm male header



RoHS Compliant

DIP 180 ° TYPE



How to order



Number of contact	Code
single row	02-40
double row	04-80
triple row	06-120
four row	08-160

Nr. of Row	Code
single row	10
double row	20
triple row	30
four row	40

Connector Type	Code
Dip 180 ° Type	10

Dimension	Code
B	
3.00	10
5.28	20
5.99	30
15.24	40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

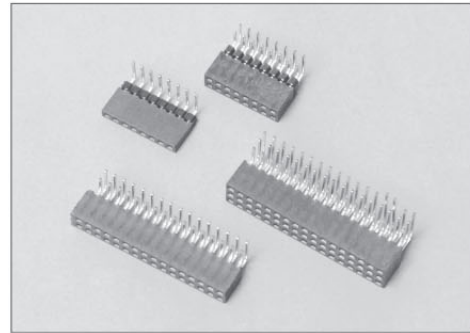
W.E.

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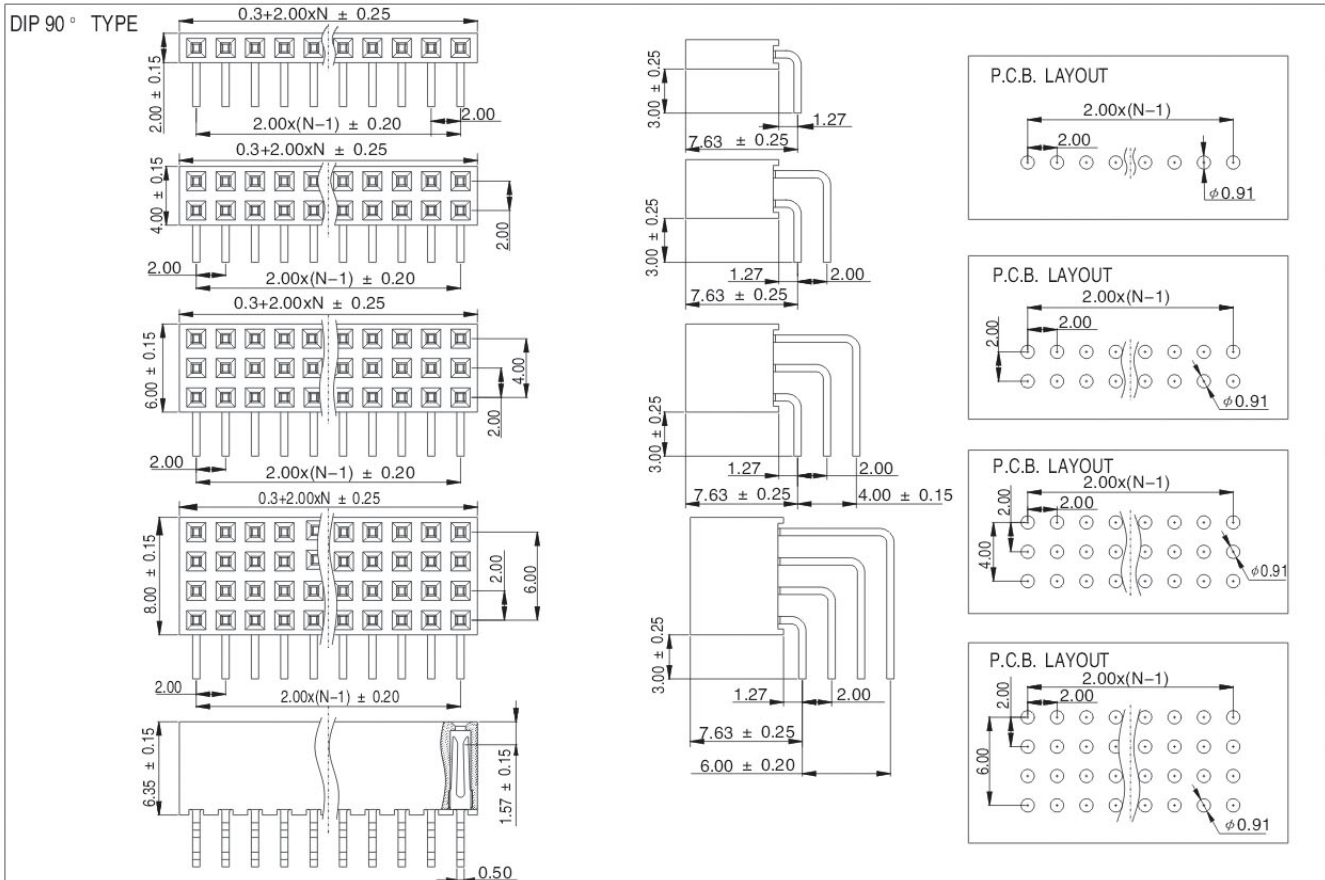
Female header 2.0mm pitch H6.35 Right angle Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant



How to order

1	3	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
Serie-Nr.			Nr.of Contact.		Connector Type		Nr.of Row		Plating	

Number of contact	Code
single row	02-40
double row	04-80
triple row	06-120
four row	08-160

Nr. of Row	Code
single row	10
double row	20
triple row	30
four row	40

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u" Selective gold plated	610
15u" Selective gold plated	615
20u" Selective gold plated	620
30u" Selective gold plated	630

Connector Type	Code
Dip 90° Type	20

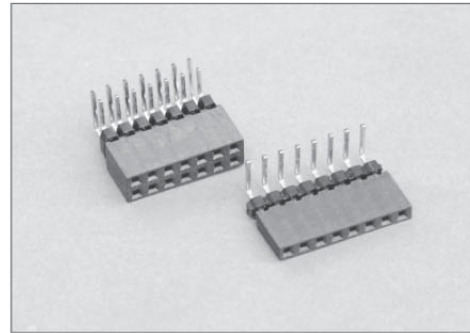
W.E.

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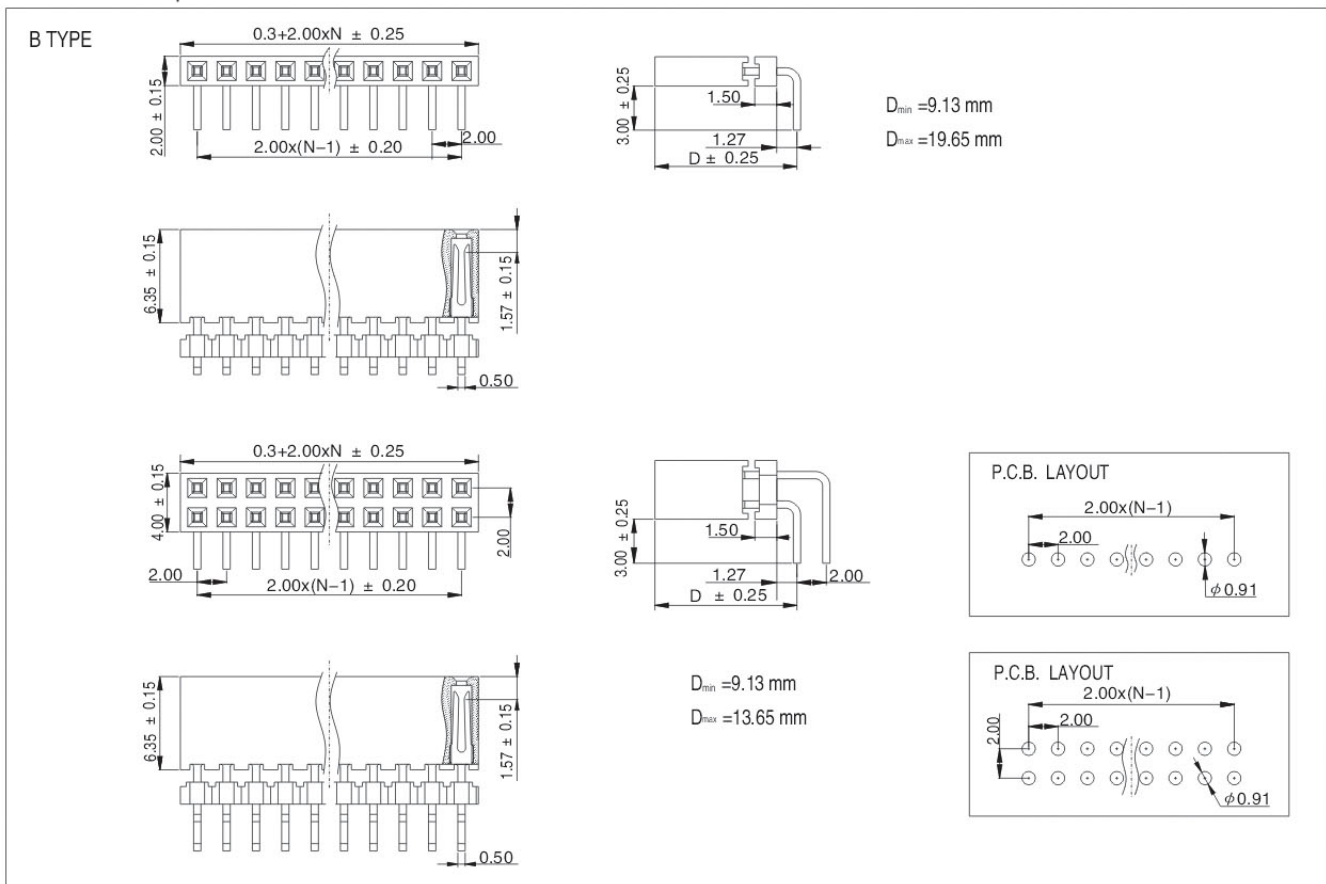
Female header 2.0mm pitch H6.35 Right angle B Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header



RoHS Compliant



How to order

1	3	6	□	□	□	□	□	□	□
Serie-Nr.	Nr. of Contact.	Connector Type	Nr. of Row	Dimensions "D"	Plating				

Number of contact	Code
single row	02-40
double row	04-80

Nr. of Row	Code
single row	10
double row	20

Dimensions "D"	Code
As request For Eg. D=9.63 Code Nr.= 9.63	XX

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Connector Type	Code
Right Angle B Type	21

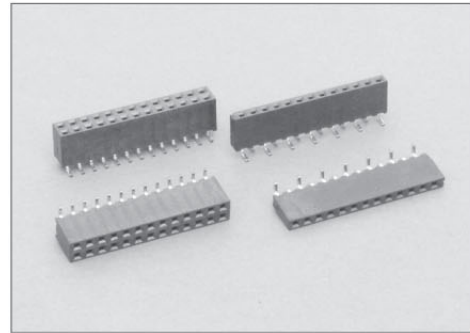
W.E.

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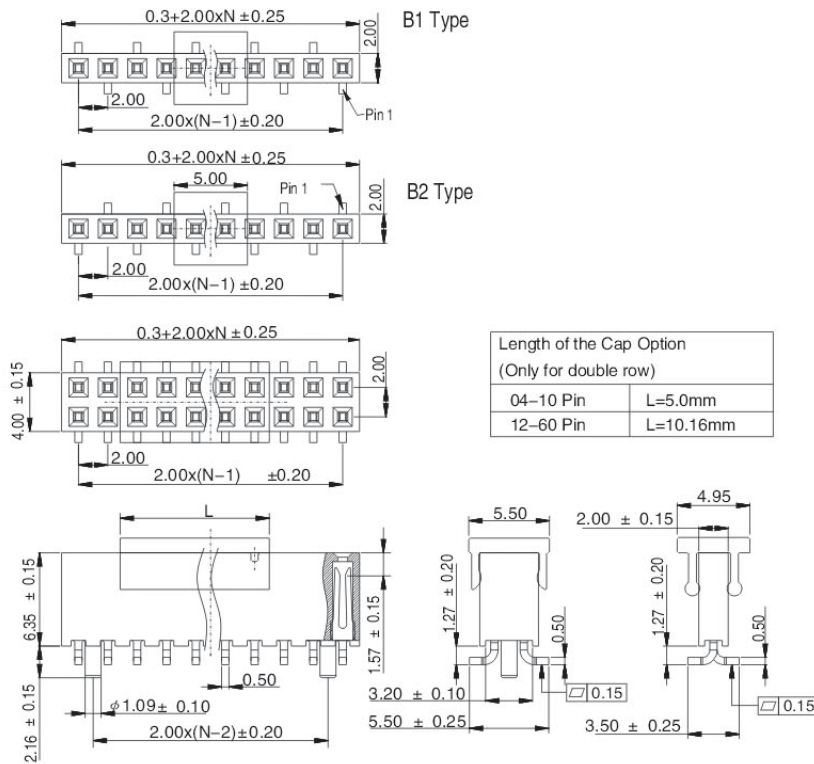
Female header 2.0mm pitch H6.35 Vertical SMT Type

Technical Data :

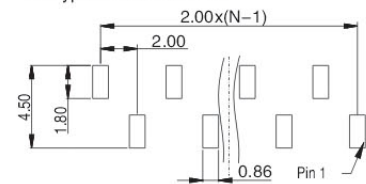
Insulator Material: High Temperature Thermoplastic, UL 94V-0
 Contact : stamped and formed, Phosphor Bronze
 Plating: Au or Sn over Nickel
 Current Rating : 1 Amp
 Contact resistance: 20 milliohms Max.
 Insulator resistance : 1000 Megohms min.
 Dielectric withstanding : AC 500V for 1 Minute.
 Operating Temperature: -55 °C to +105 °C .
 Max. processing Temp: 230 °C for 30-60 seconds.
 260 °C for 10 seconds.
 Mates with : Pitch 2.0mm, □0.50mm male header



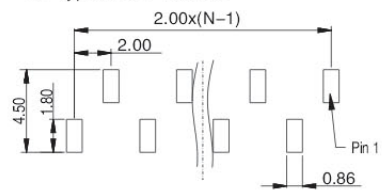
Vertical SMT TYPE



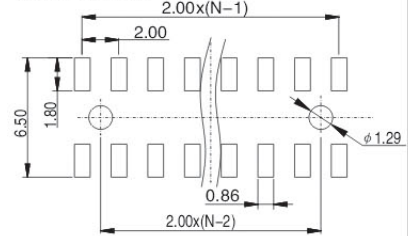
B1 Type P.C.B. LAYOUT



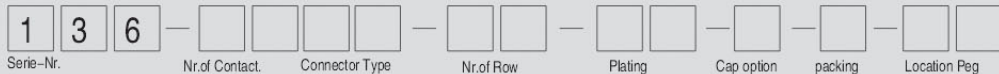
B2 Type P.C.B. LAYOUT



P.C.B. LAYOUT



How to order



Number of contact	Code
single row	02-30
double row	04-60

Connector Type	Code
Vertical Type	30

Nr.of Row	Code
B1 single row	10
B2 single row	11
double row	20

Pick & Place	Code
W/ Cap	1
W/O Cap	2

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

Location Peg	Code
W/ Location Peg only for double row	10
W/O Location Peg	00

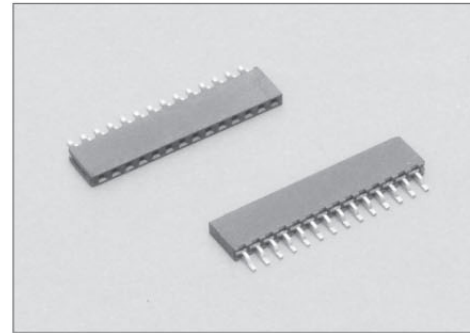
W.E.

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Female header 2.0mm pitch H6.35 Horizontal SMT Type

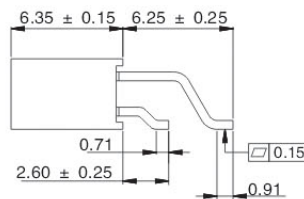
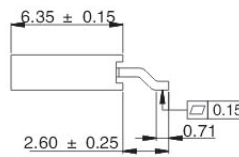
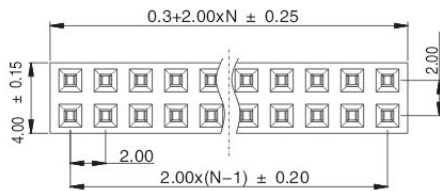
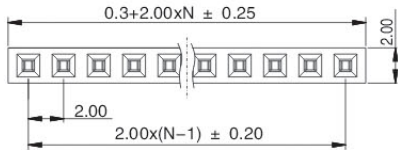
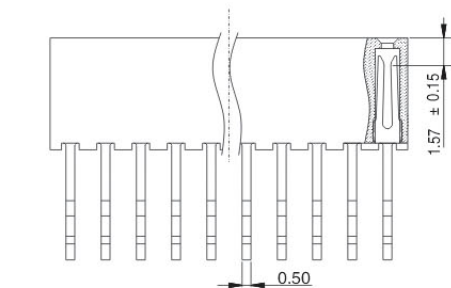
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.0mm, □ 0.50mm male header

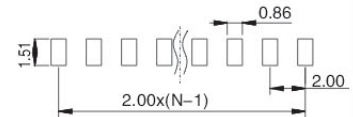


RoHS Compliant

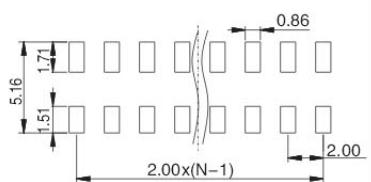
Horizontal SMT TYPE



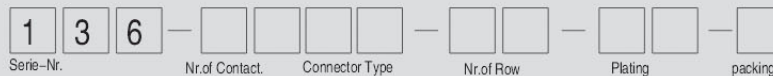
Single P.C.B. LAYOUT



Double P.C.B. LAYOUT



How to order



Number of contact	Code
single row	02-30
double row	04-60

Nr.of Row	Code
single row	10
double row	20

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630

Packing option	Code
Tube	1
Tape & Reel	2

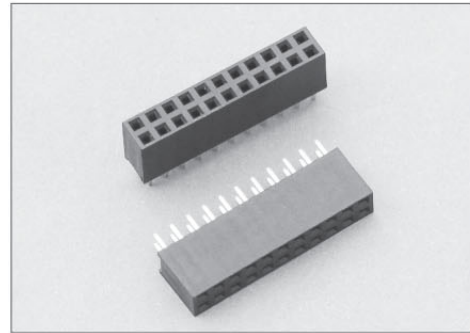
Connector Type	Code
Horizontal Type	31

W.E.

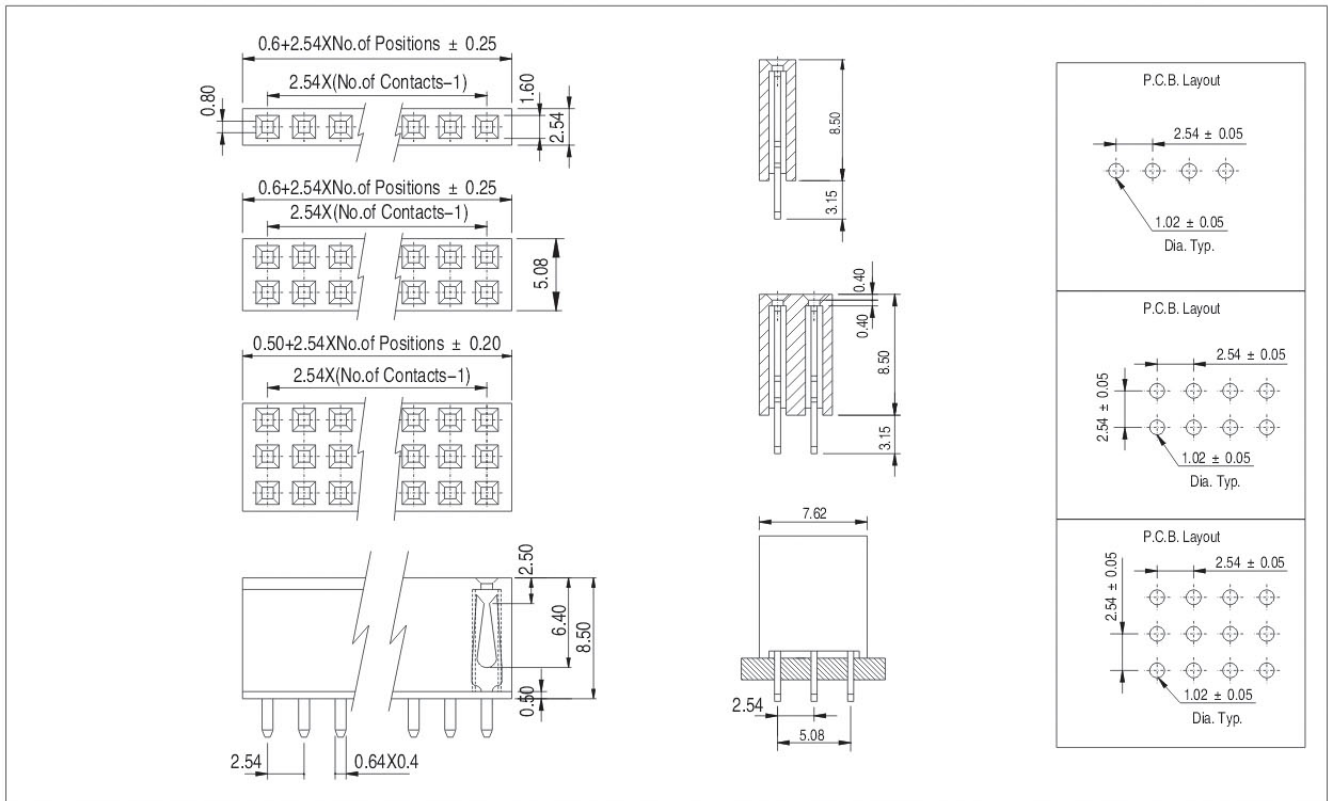
Economy Female-Headers-2.54mm pitch Height 8.5 mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 – single max. 40 poles	02-40
2 – double max. 80 poles	04-80
3 – triple max. 96 poles	09-96

Number of row	Code
1 – single	1
2 – double	2
3 – triple row	3

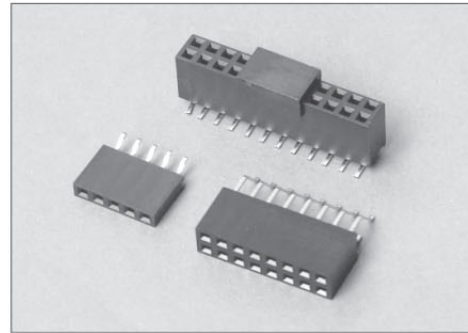
Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

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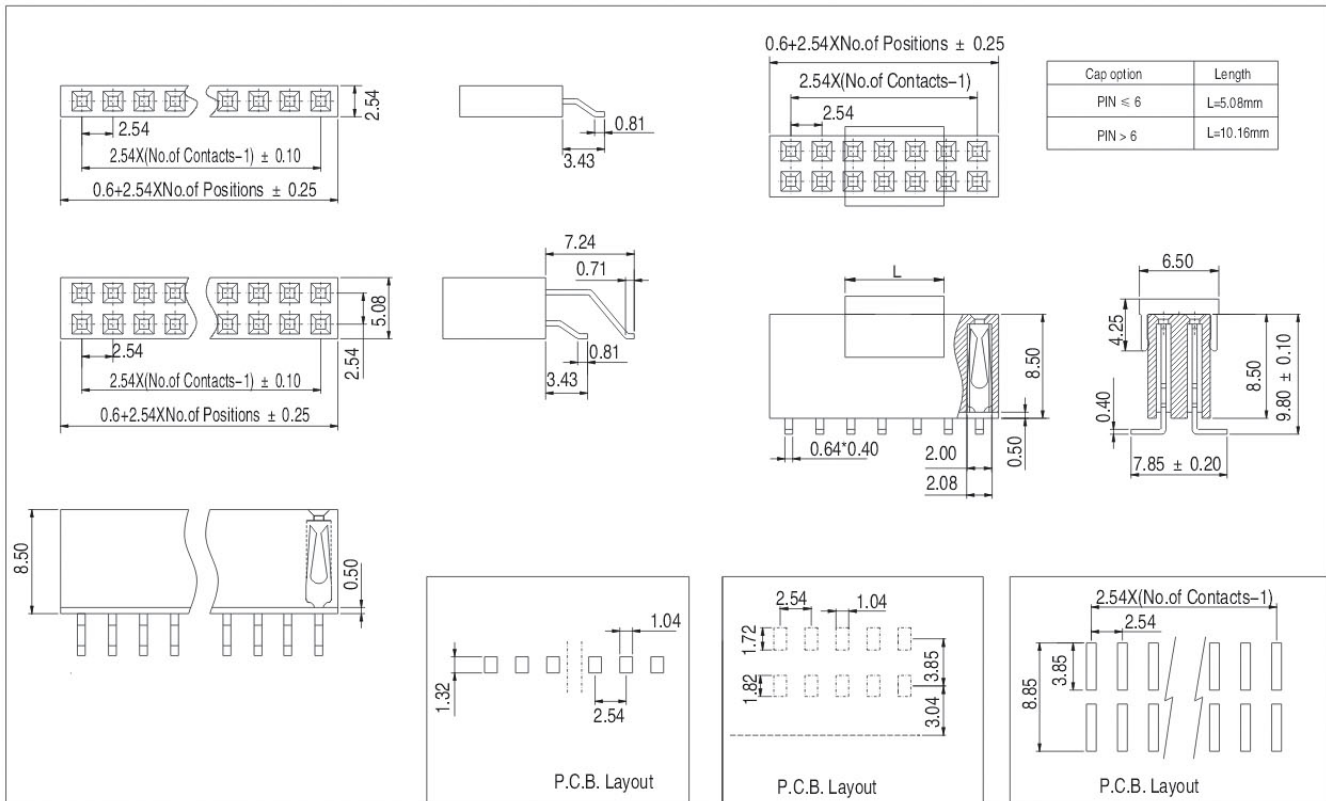
Economy Female-Headers-2.54mm pitch Height 8.5 mm SMT Type

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 - Single 2-20 poles	02-20
2 - double 4-40 poles	04-40

Number of row	Code
double row	13
single row	14

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

Cap Option	Code
W/ Cap	1
W/O Cap	2

Layout	Code
Horizontal TYPE	10
Vertical TYPE	20

Packing Option	Code
Tube	1
Tape & Reel	2

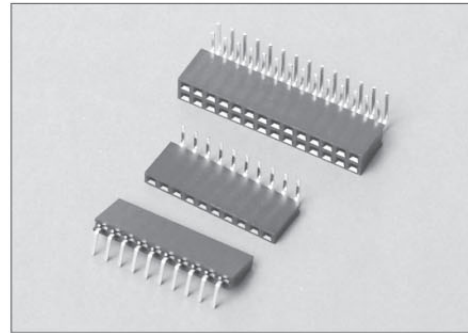
W.E.

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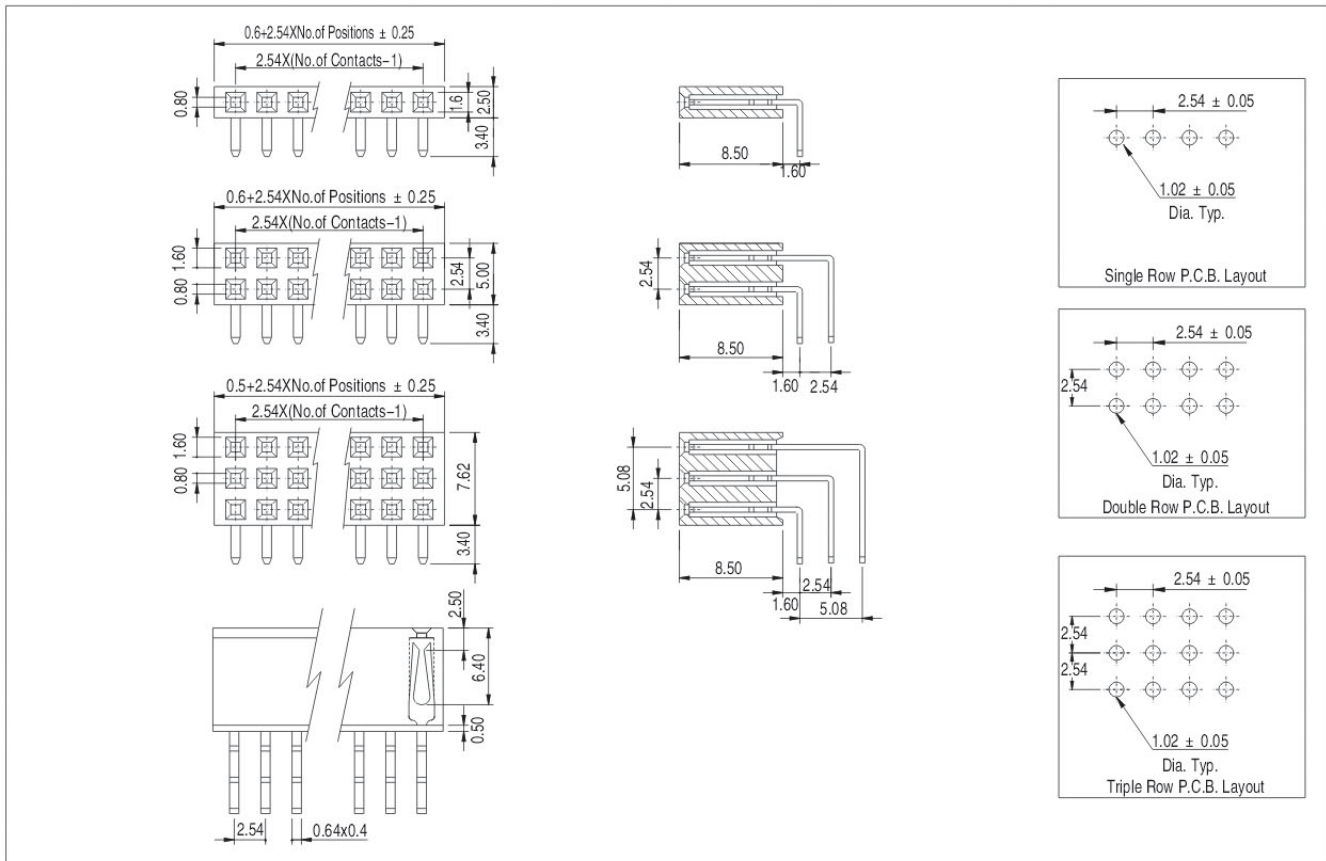
Economy Female-Headers-2.54mm pitch Height 8.5 mm tail Right angle

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 – single max. 40 poles	02-40
2 – double max. 80 poles	04-80
3 – triple max. 96 poles	09-96

Number of row	Code
1 – single R.A.	11
2 – double R.A.	12
3 – triple R.A.	15

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

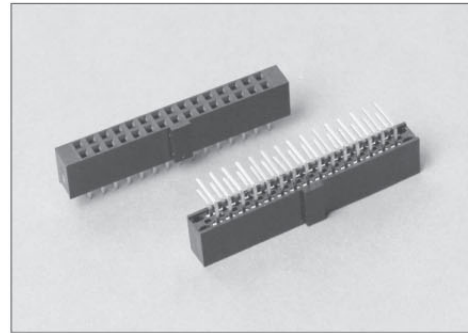
W.E.

157,159

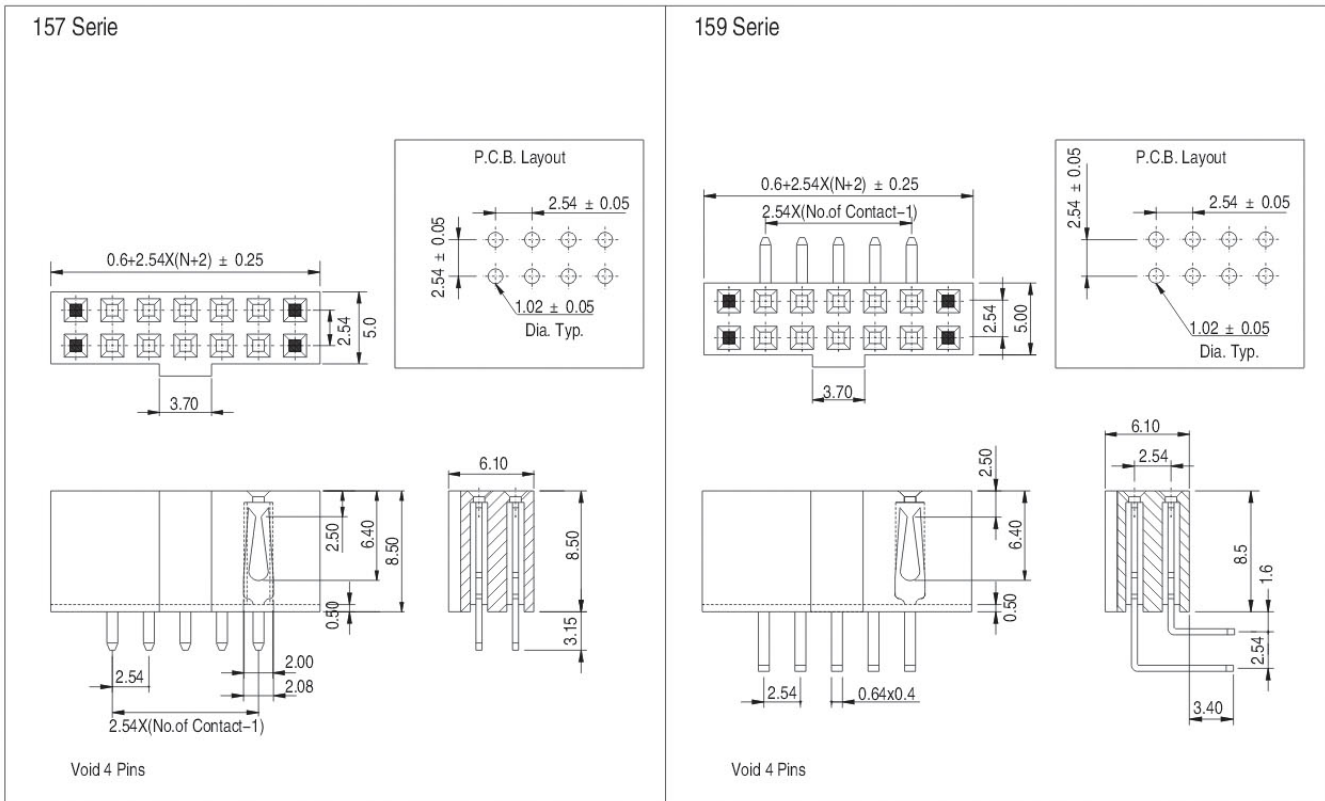
Economy Female-Headers-2.54mm pitch Height 8.5 mm With Polarization Bump

Technical Data :

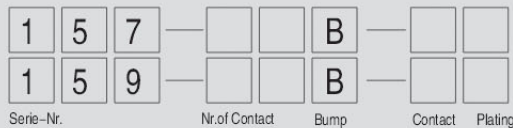
Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
06,08,10,14,16,20,24,26	06B-64B
30,34,40,44,48,50,60,64	

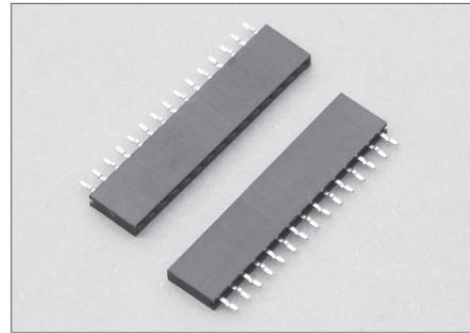
Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

W.E.

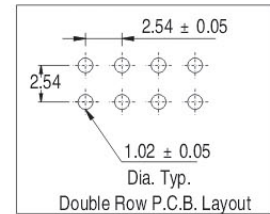
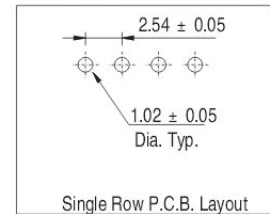
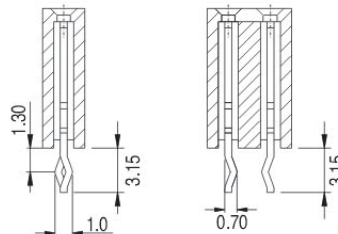
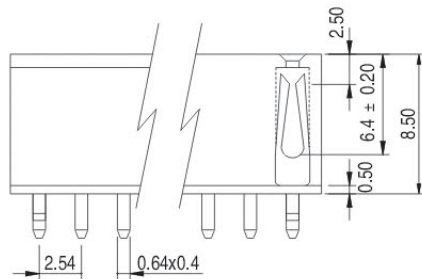
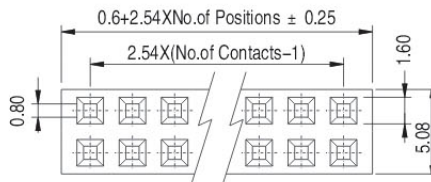
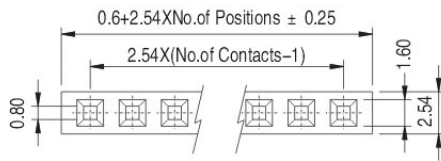
Economy Female-Headers-2.54mm pitch Height 8.5 mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 – single max. 40 poles	02-40
2 – Double max. 80 poles	04-80

Number of row	Code
1 – single	1
2 – Double	2

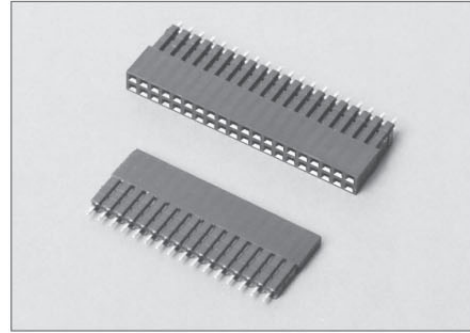
Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

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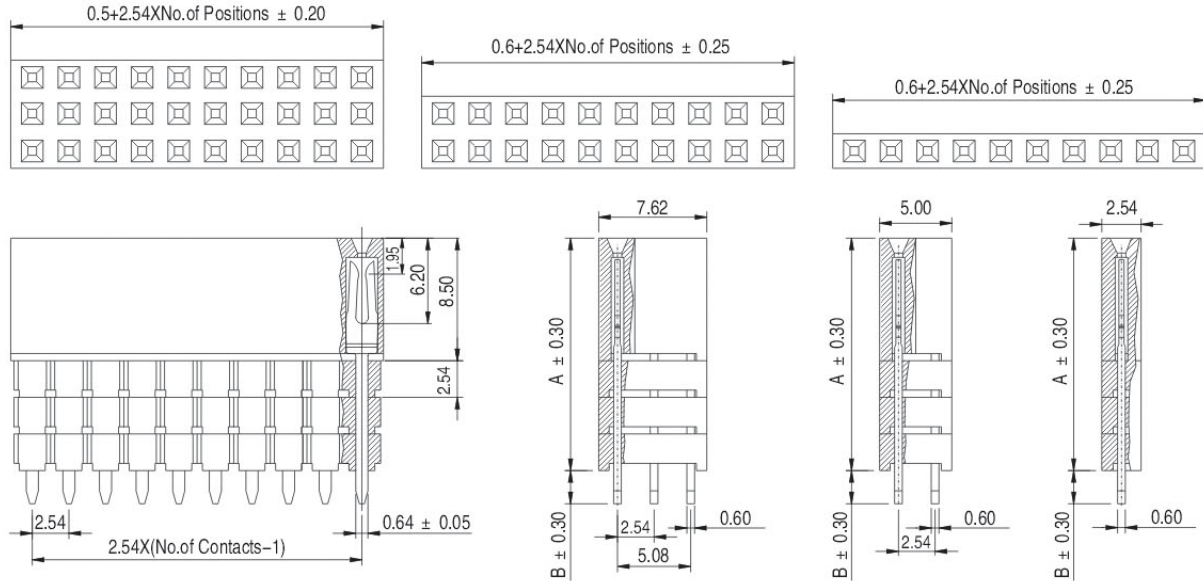
High-Density Female Headers Height 8.5mm-Economy Version 2.54mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	Brass
Plating:	Au or Sn over Nickel
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 - Single max. 40 poles	03-40
2 - Double max. 80 poles	06-80
3 - Triple max. 96 poles	09-96

Number of Row	Code
1 - Single Row	1
2 - Double Row	2
3 - Triple Row	3

Dimension		Code
A	B	
11.05	2.30	10
11.05	7.35	20
11.05	12.20	30
13.59	4.85	40
13.59	9.65	50
16.13	2.30	60
16.13	7.10	70
18.67	4.60	80
21.21	2.06	90

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

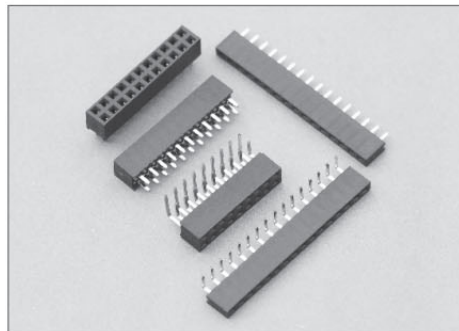
W.E.

160,162

Economy Female-Headers-2.54mm pitch Hight 5.7 mm Straight/Right angle

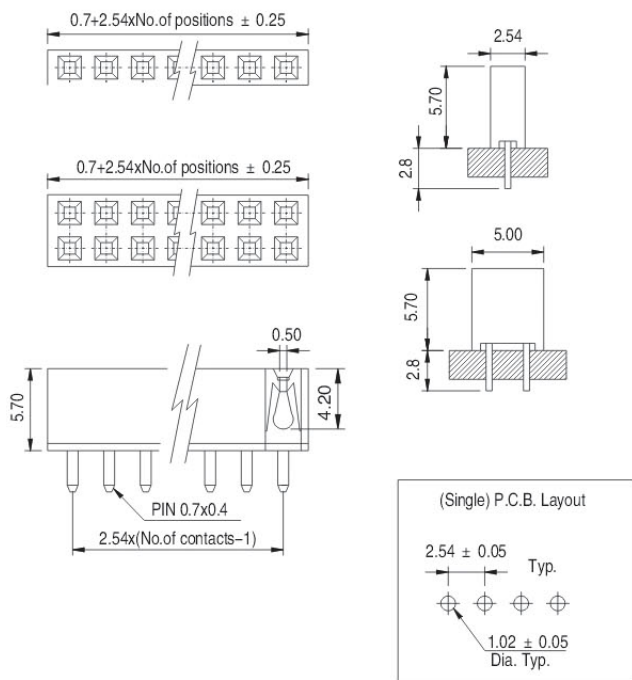
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header

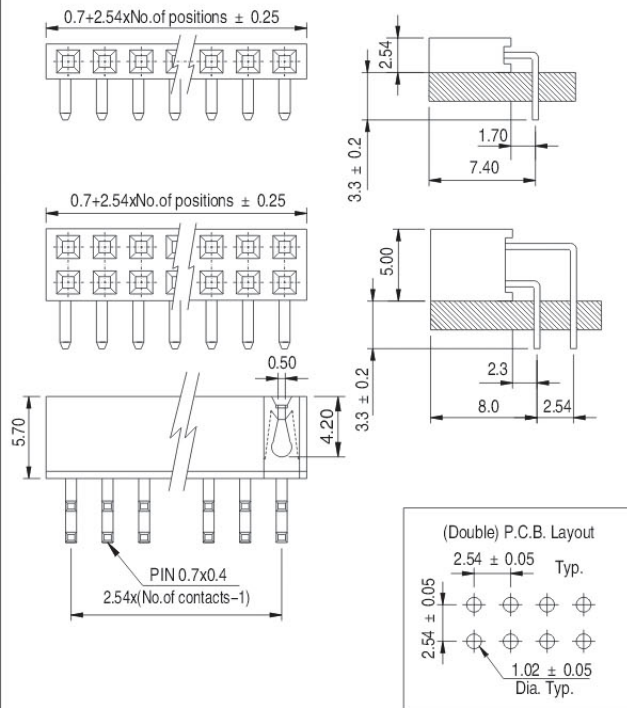


RoHS Compliant

160 serie



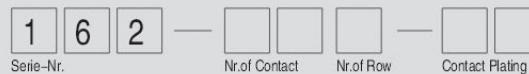
162 serie



How to order



How to order



Number of contact	Code
1 – single max. 40 poles	02-40
2 – double max. 80 poles	04-80

Number of row	Code
1 – single	1
2 – double	2

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

Number of contact	Code
1 – single max. 40 poles	02-40
2 – double max. 80 poles	04-80

Number of row	Code
1 – single R.A.	1
2 – double R.A.	2

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

W.E.

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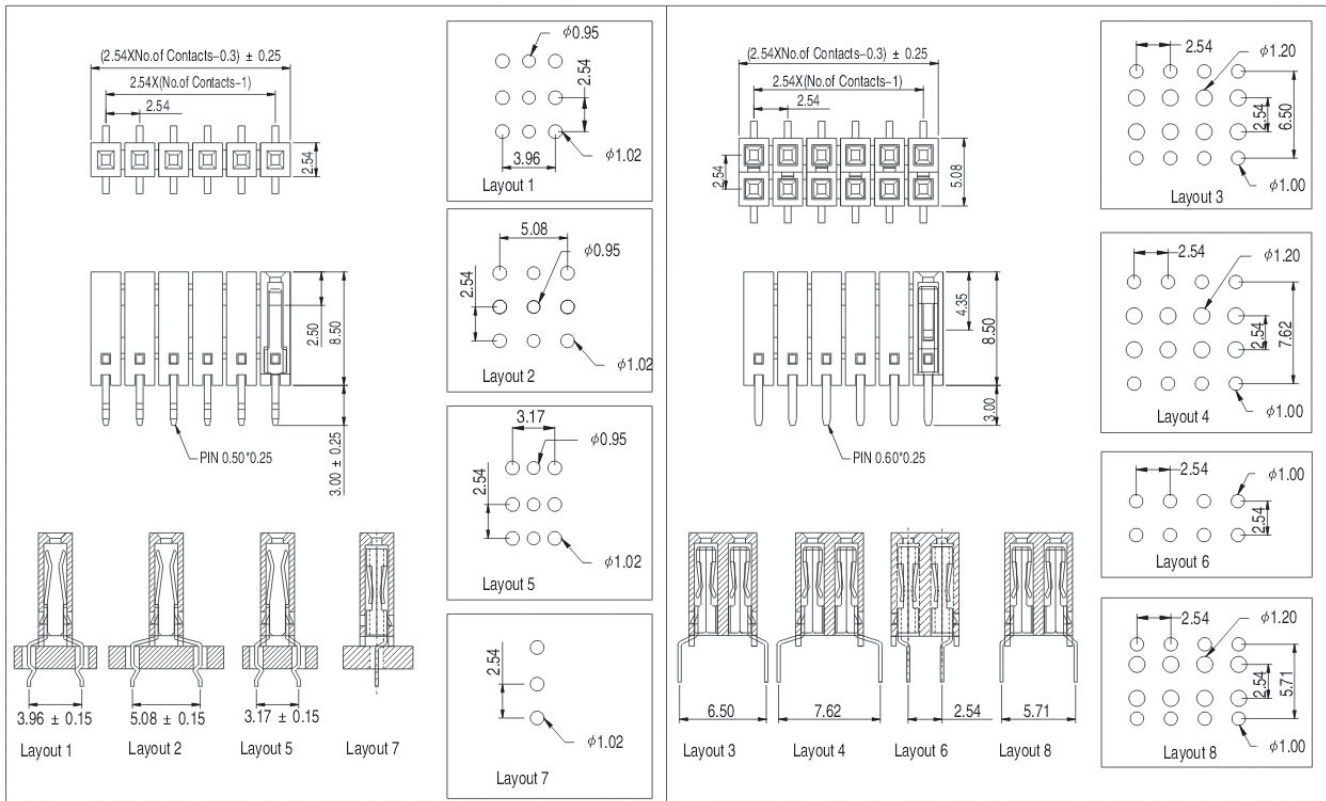
2.54mm SOCKET

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
Single Row 02 to 45 Contacts	02-45
Double Row 04 to 90 Contacts	04-90

Number of Row	Code
Single Row	1
Double Row	2

Dip spacing	Code
Layout 1 - 3.96mm	1
Layout 2 - 5.08mm	2
Layout 3 - 6.50mm	3
Layout 4 - 7.62mm	4
Layout 5 - 3.17mm	5
Layout 6 - 2.54mm	6
Layout 7 - DIP	7
Layout 8 - 5.71mm	8

Plating option	Code
Full gold flash plated	10
Tin plated	50
Selective gold flash plated	60
10u"Selective gold plated	610
15u"Selective gold plated	615
20u"Selective gold plated	620
30u"Selective gold plated	630
Note:Selective gold plated only for single row layout 1,2,5	

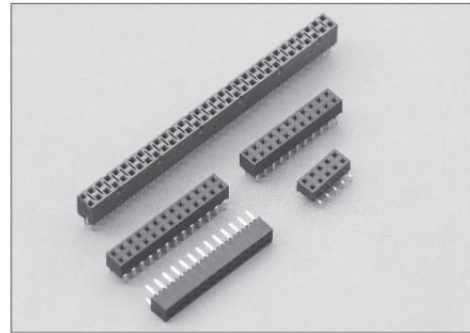
W.E.

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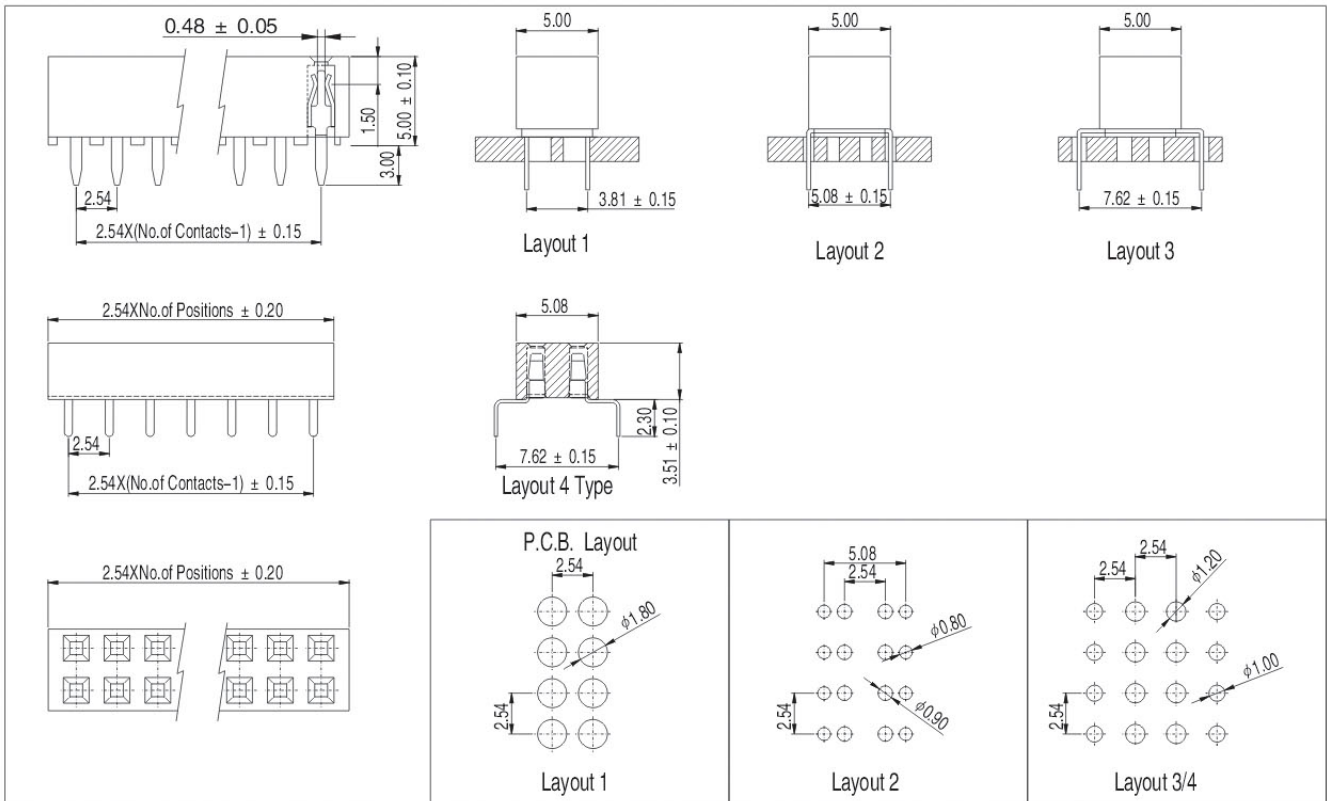
Economy Female-Headers-2.54mm pitch Height 3.51&5.0&7.30mm

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
2 - Double max. 80poles	04-80

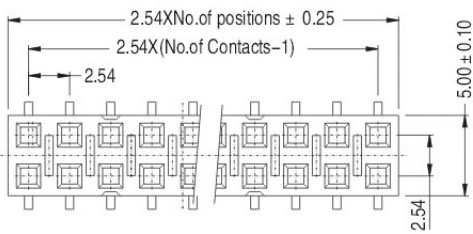
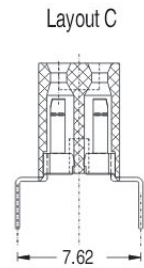
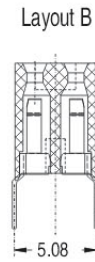
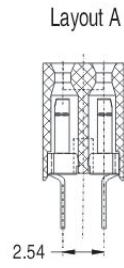
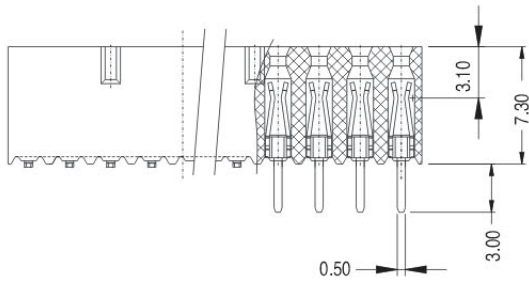
Dip spacing		Code
Layout 1 (Profile:5.0)	3.81mm (Insulator body NY-6T)	1
Layout 2 (Profile:5.0)	5.08mm (Insulator body NY-6T)	2
Layout 3 (Profile:5.0)	7.62mm (Insulator body NY-6T)	3
Layout 4 (Profile:3.51)	7.62mm (Insulator body NY-6T)	4
Layout A (Profile:7.30)	2.54mm (Insulator body LCP)	5
Layout B (Profile:7.30)	5.08mm (Insulator body LCP)	6
Layout C (Profile:7.30)	7.62mm (Insulator body LCP)	7

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60

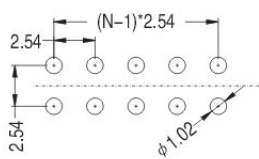
W.E.

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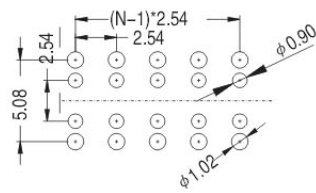
Economy Female-Headers-2.54mm pitch Height 3.51&5.0&7.30mm



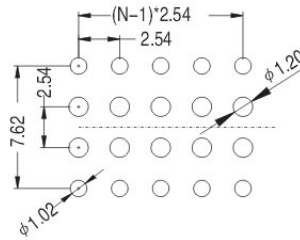
Layout A recommend P.C.B layout
Top Entry



Layout B recommend P.C.B layout
Bottom Entry



Layout C recommend P.C.B layout
Bottom Entry



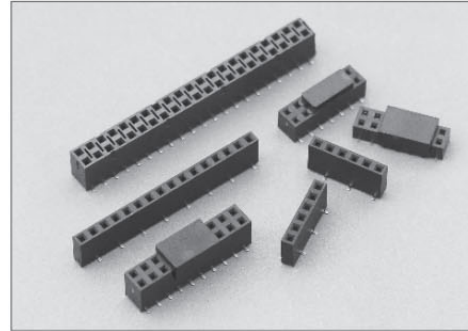
W.E.

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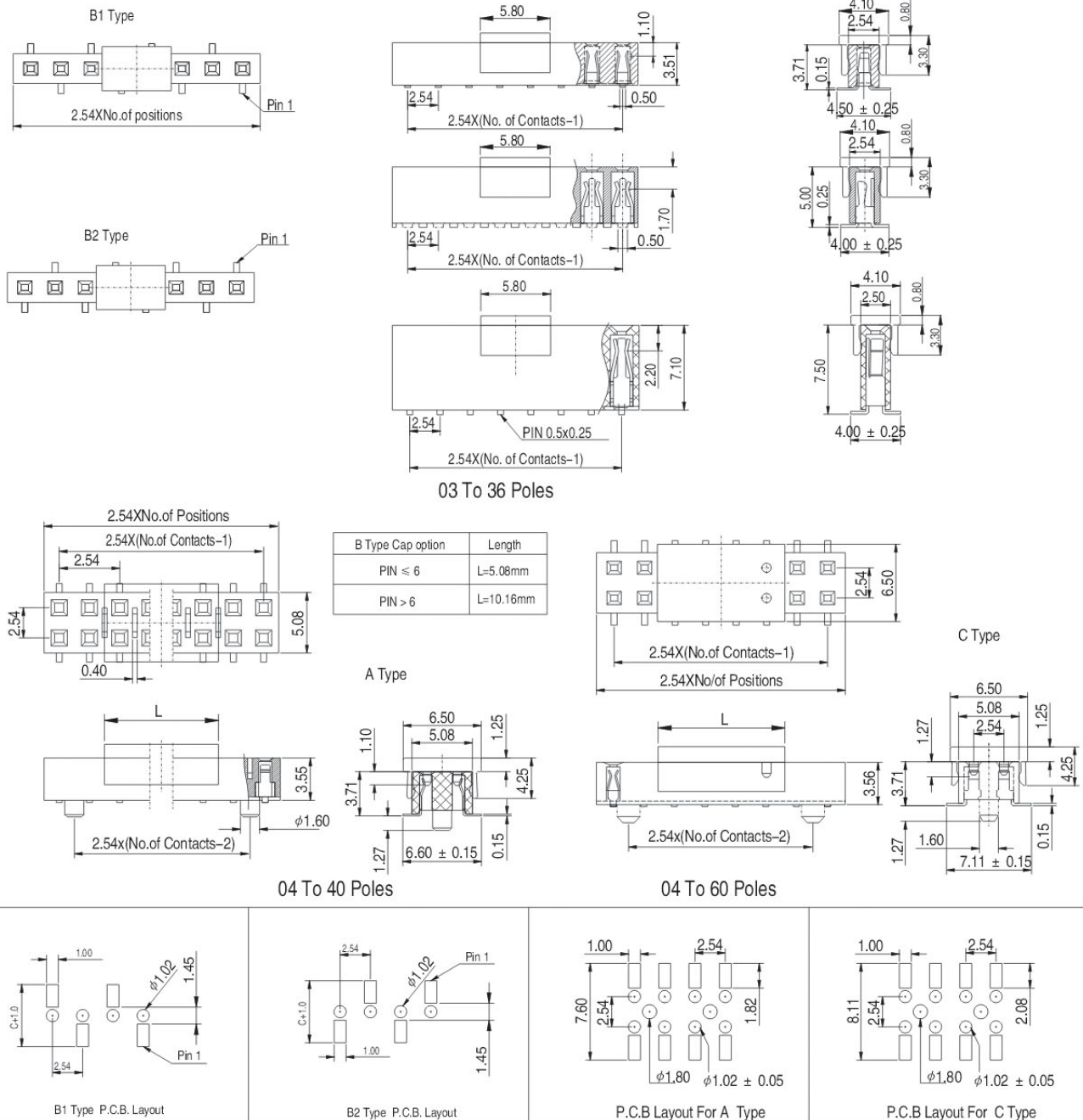
Female Header SMT type 2.54mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header

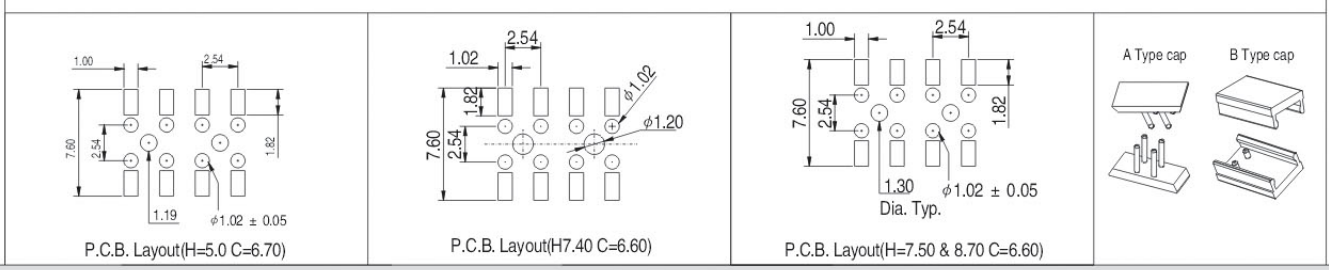
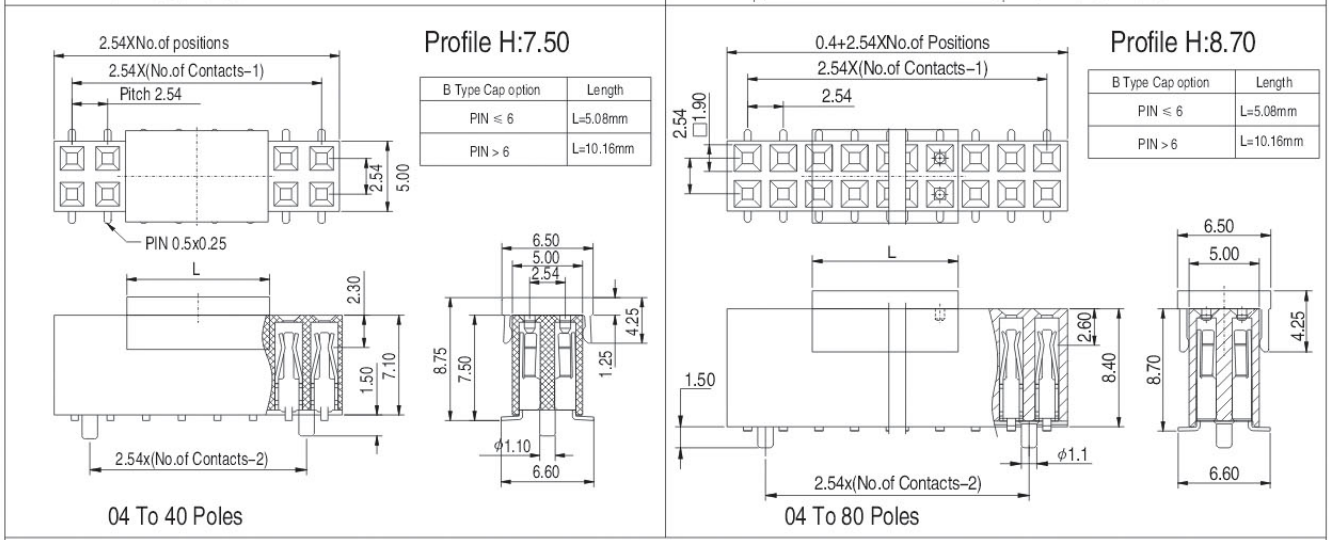
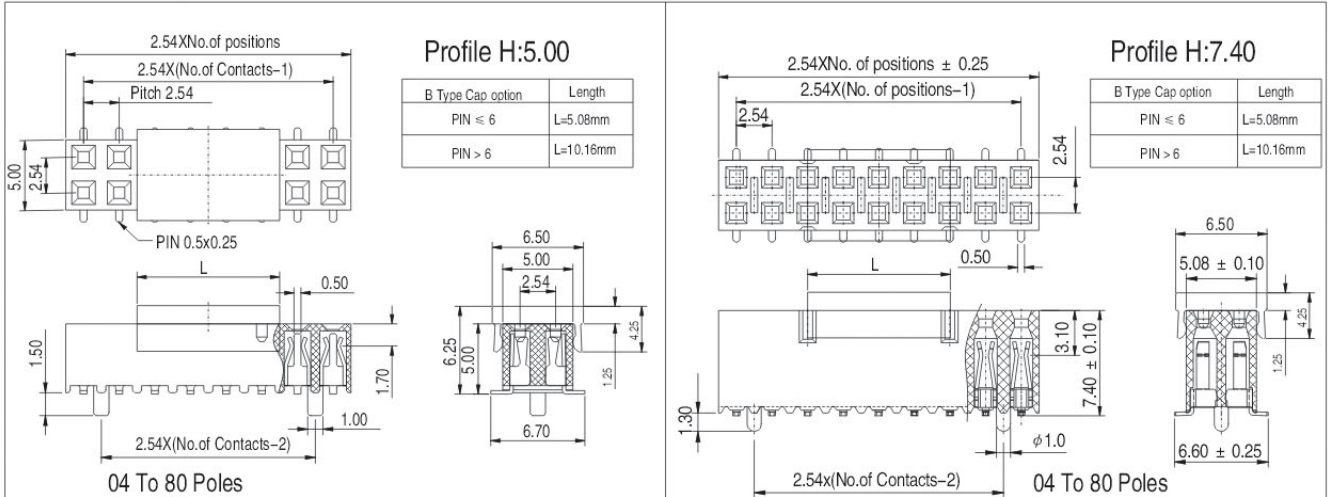


RoHS Compliant



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Female Header SMT type 2.54mm pitch



How to order

6
2
5

Serie-Nr. Nr. of Contact Nr. of Row Plating Cap Option Packing Option Location peg

Number of contact	Code	Number of row	Code	Plating option	Code	Packing option	Code
1 - single 04 to 40 poles	04-40	1-Single Row B1 Profile: 7.5mm	10	Full gold flash plated	10	Tube	1
2 - double 04 to 80poles	04-80	2-Single Row B2 Profile: 7.5mm	11	Tin plated	50	Tape & Reel	2
		3-Single Row B1 Profile:3.71mm C Type	12	Selective gold flash plated	60	Location peg option	Code
		4-Single Row B2 Profile:3.71mm C Type	13	10u"Selective gold plated	610	W/Locating peg	10
		5-Single Row B1 Profile:5.00 mm	14	15u"Selective gold plated	615	W/O Locating peg	00
		6-Single Row B2 Profile:5.00 mm.	15	20u"Selective gold plated	620	For Double only	
		7-Double Row Profile: 7.5mm	20	30u"Selective gold plated	630		
		8-Double Row Profile: 5.0mm	30				
		9-Double Row Profile: 3.71mm A Type	40				
		10-Double Row Profile: 3.71mm C Type	60				
		11-Double Row Profile: 7.40mm	75				
		12-Double Row Profile: 8.70mm	87				

Pick & Place Pad	Code	Notes
	1	Single Row
W/ Cap	1A	A Type cap, Double Row
	1B	B Type cap, Double Row
W/O Cap	2	

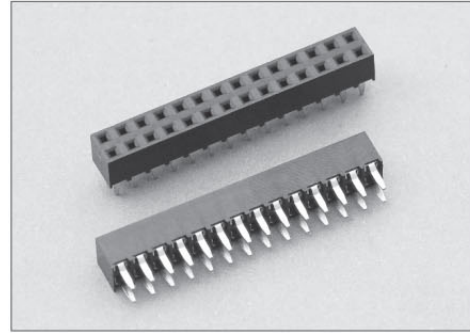


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Female-Headers-2.54mm pitch -Height 3.51 & 5.0 mm

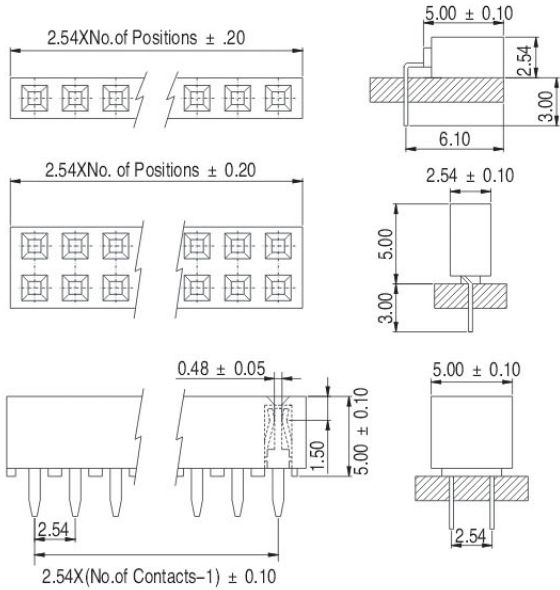
Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □0.635mm male header

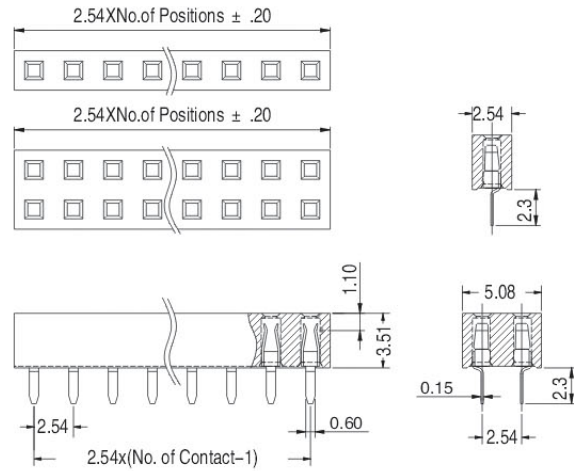


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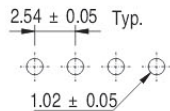
Profile H:5.0



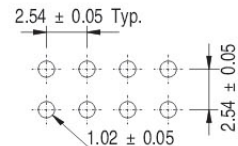
Profile H:3.51



P.C.B. Layout



P.C.B. Layout



How to order



Number of contact	Code
1 - single max. 40 poles	03-40
2 - double max. 80poles	04-80

Number of row	Code
1 single row Profile H 5.0	1
2 - double Profile H 5.0	2
3 single row Profile H 3.51	3
4 - double Profile H 3.51	4

Terminal version	Code
Straight	10
Right angle for H:5.0 single row only	20

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

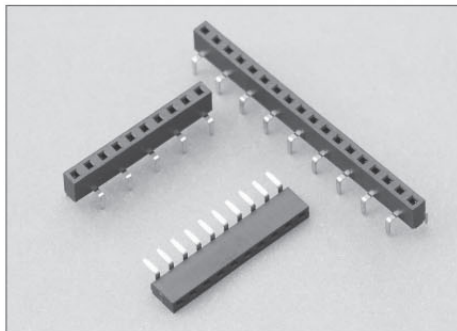
W.E.

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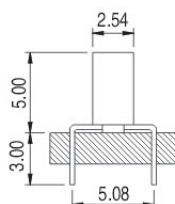
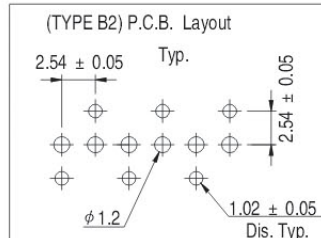
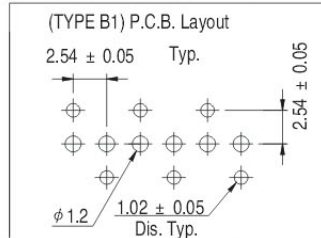
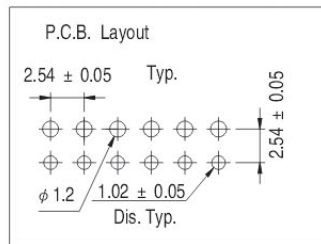
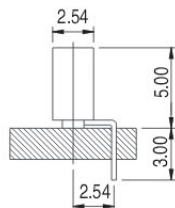
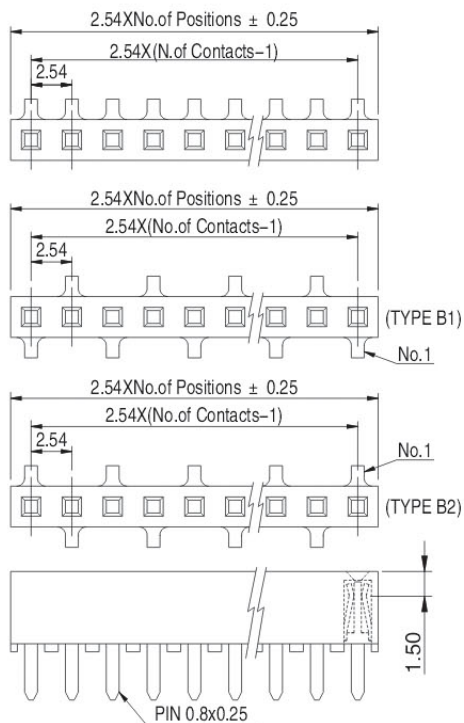
Female Header Dual Entry type 2.54mm pitch Single Row

Technical Data :

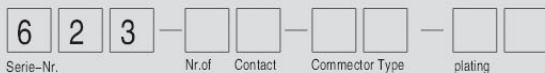
Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 - Single max. 40 poles	03-40

Connector Type Foot Rank opting	Code
one side	10
Double side Type B1	20
Double side Type B2	30

Plating option	Code
Gold plated	10
Tin plated	50
selective gold plated	60

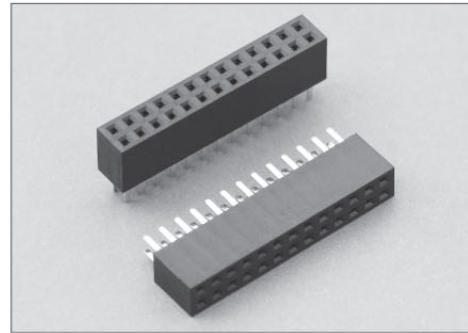
W.E.

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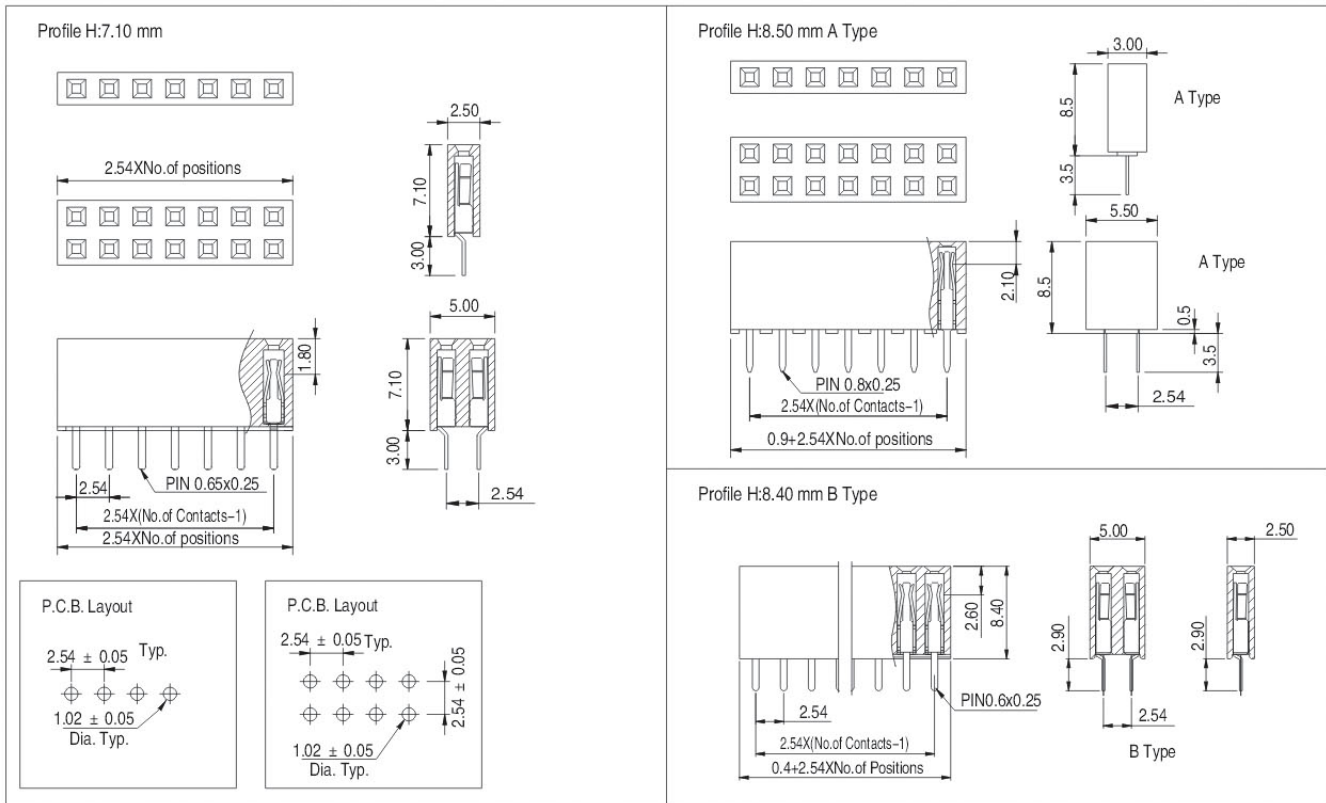
Female Headers Height 7.1 mm & 8.5mm 2.54mm pitch

Technical Data :

Insulator Material:	High Temperature Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	Pitch 2.54mm, □ 0.635mm male header



RoHS Compliant



How to order



Number of contact	Code
1 – single 03 to 40 poles	03-40
2 – double 06 to 60poles	06-80

Number of row	Code
1 – single	1
2 – double	2

Commecotr Type	Code
7.1mm height	10
8.5mm height A Type	20
8.4mm height B Type	30

Plating option contact	Code
Gold plated	10
Tin plated	50
Selective gold plated	60

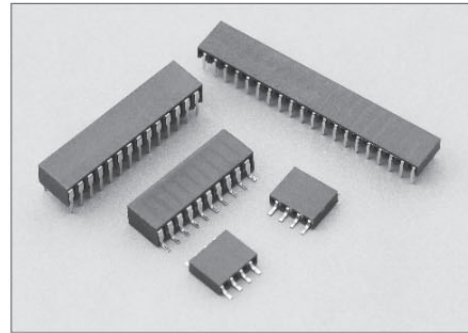
W.E.

626

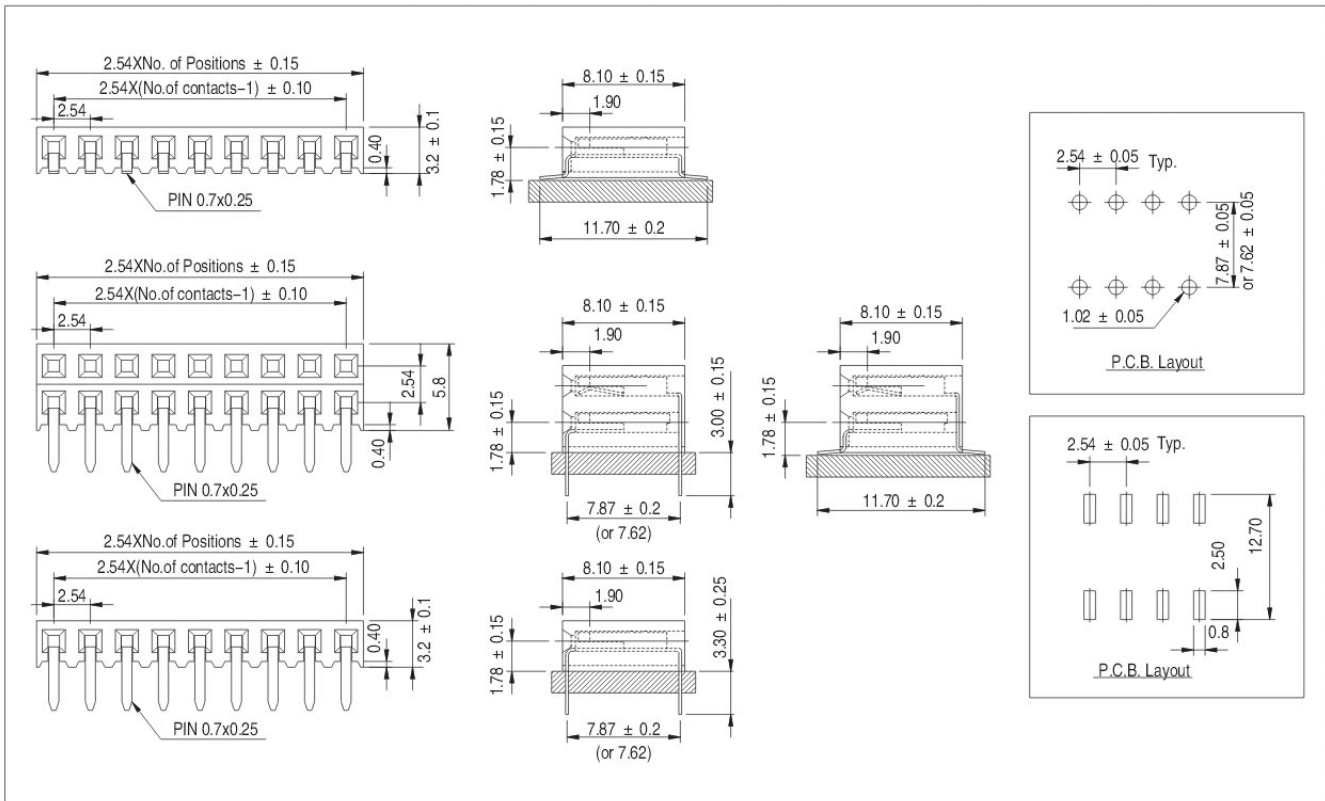
Economy Female-Headers-2.54mm x 7.87mm pitch side entry type

Technical Data :

Insulator Material:	High Temperature Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	313-XX-1,353-XX-1,146A,147A



RoHS Compliant



How to order



Number of contact	Code
1 -Single max. 40 poles	02-40
2 -Double max. 80poles	06-80

Connector type	Code
1 Single 7.87mm DIP	10
2 Single 7.62mm DIP	11
3 Double 7.87mm DIP	21
4 Double 7.62mm DIP	22
5 Single SMT type(11.7mm)	31
6 Double SMT type(11.7mm)	32

Plating option	Code
Gold plated	10
Tin plated	50
Selective gold flash plated	60

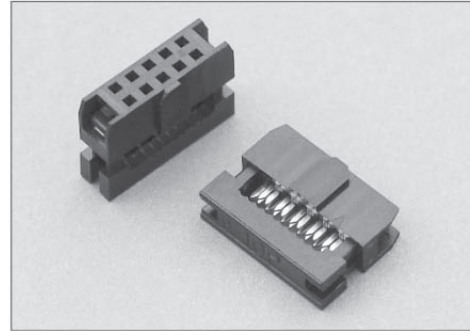
W.E.

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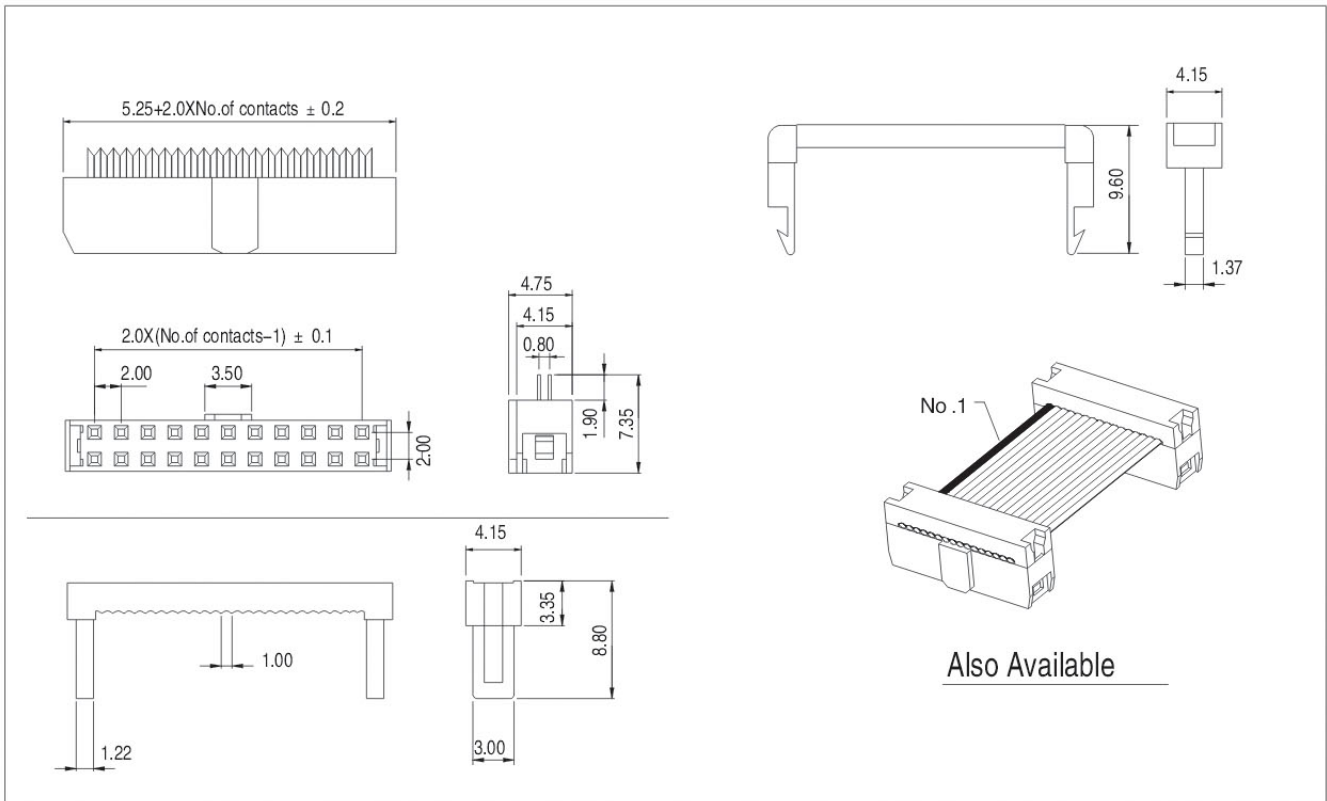
IDC Socket Connector DIN 41651 Pitch 2.00mm

Technical Data :

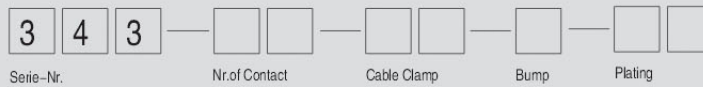
Insulator Material:	Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Wire size:	28AWG
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch 2.0mm □ 0.50mm male headle



RoHS Compliant



How to order



No.of contacts	Code
04,06,08,10, 12,14,16,18,20, 22,24,26,30, 34,40,44,50,60	04-60

Cable clamp option	Code
W/O cable clamp	00
W/ cable clamp	10

Plating Option	Code
Gold plated	10
Selective gold plated	60

Central Bump	Code
W/ Bump	1
W/O Bump	2

W.E.

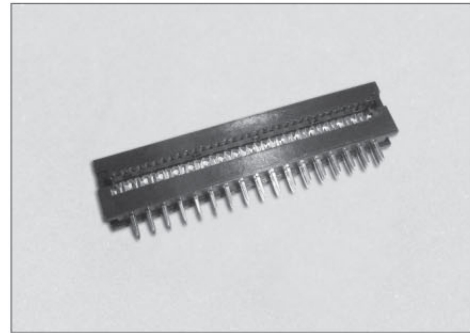
344

IDC-Printed Connector DIP Spacing 2.00mm

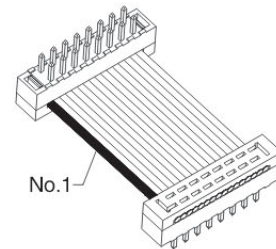
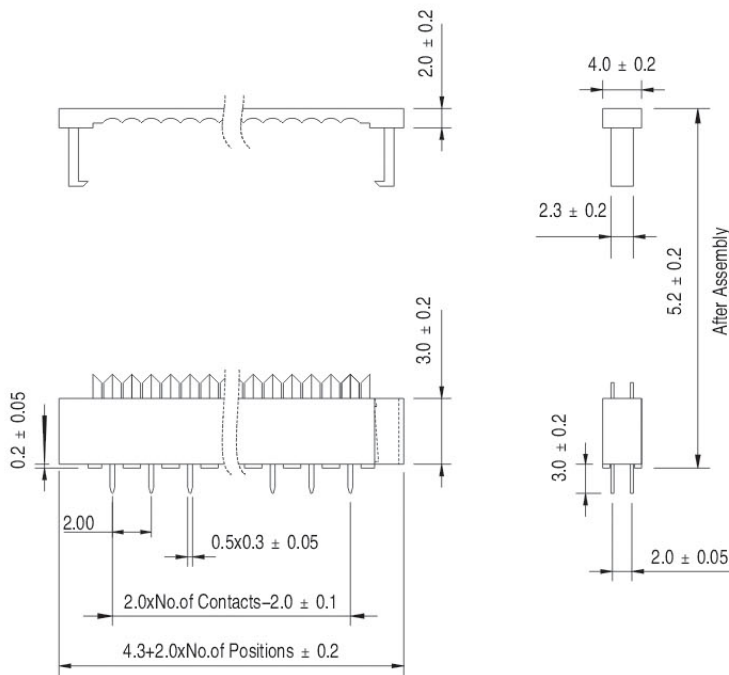
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Wire size:	28AWG
Current Rating :	1 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .

Mates with : Pitch 2.0mm □ 0.50mm male header



RoHS Compliant



Also Available

How to order



Nr. of contact	Code
10	10
12	12
16	16
20	20
24	24
26	26
30	30
34	34
40	40
44	44
50	50

Plating option	Code
Tin Plated	50
Selective gold plated	60

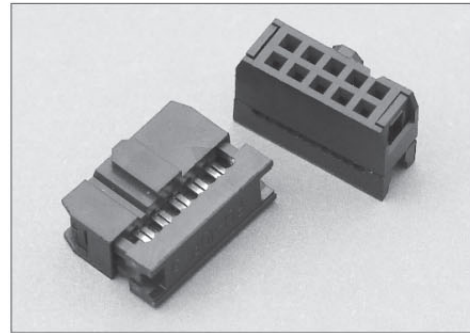
W.E.

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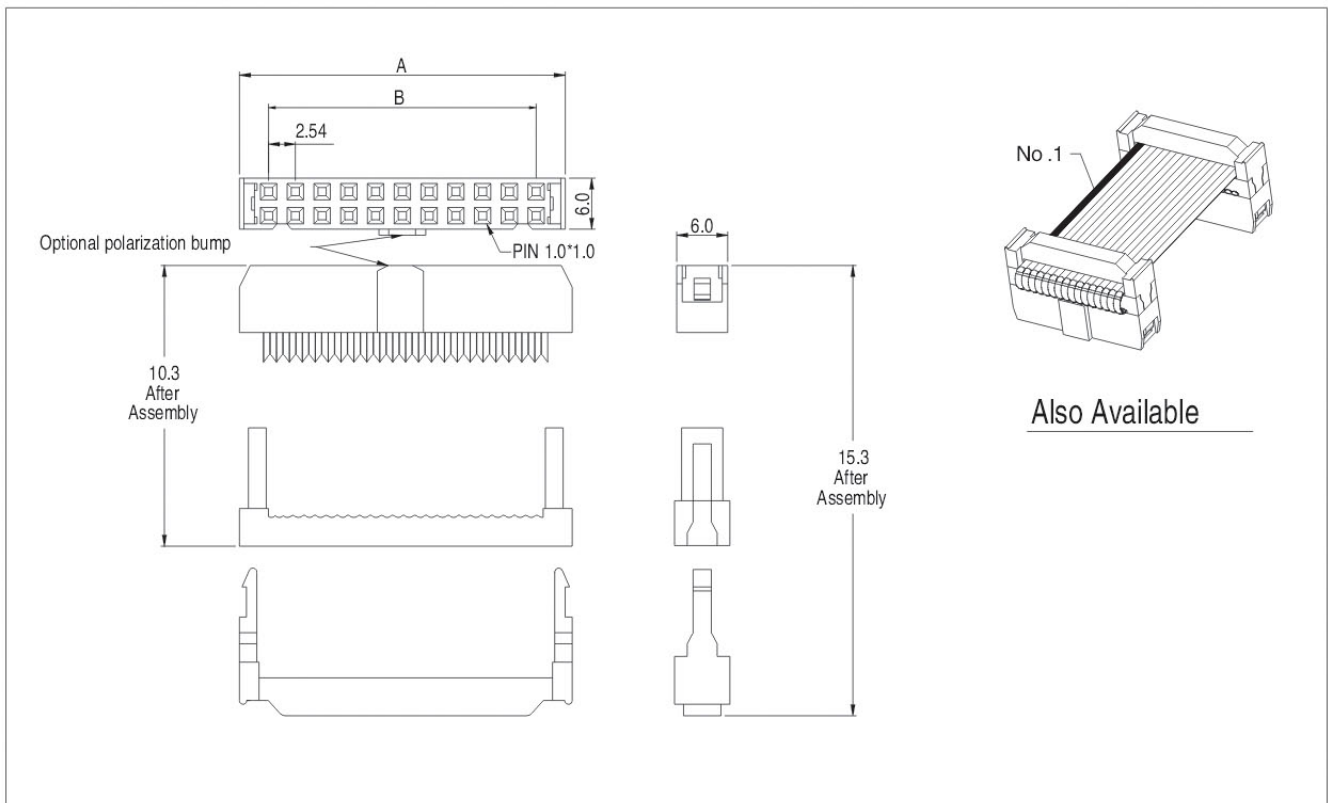
IDC Socket Connector DIN 41651 Pitch 2.54mm

Technical Data :

Insulator Material:	Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Wire size:	28AWG
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch2.54mm □0.635mm male headle

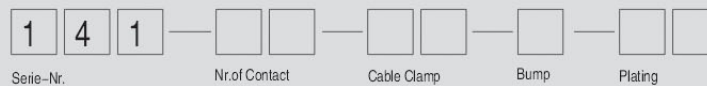


RoHS Compliant



Also Available

How to order



Nr. of contact	Dimensions(mm)		Code	Nr. of contact	Dimensions(mm)		Code
	A	B			A	B	
06	12.16	5.08	06	30	42.66	35.56	30
08	14.74	7.62	08	34	47.80	40.64	34
10	17.20	10.16	10	40	55.42	48.26	40
12	19.80	12.70	12	44	60.56	53.34	44
14	22.50	15.24	14	50	68.28	60.96	50
16	24.94	17.78	16	56	75.74	68.58	56
20	30.08	22.86	20	60	80.96	73.66	60
24	35.16	27.94	24	62	83.32	76.20	62
26	37.58	30.48	26	64	85.94	78.74	64

Cable clamp option	Code
Without cable clamp	00
With cable clamp	10

Plating Option	Code
Selective gold plated	60

Central Bump	Code
W/ Bump	1
W/O Bump	2

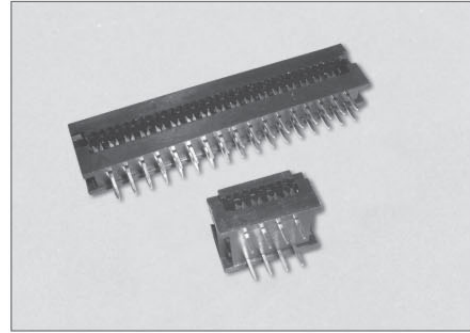
W.E.

139,140

IDC Connector DIP Type & Printed Circuit Type Pitch 2.54 mm

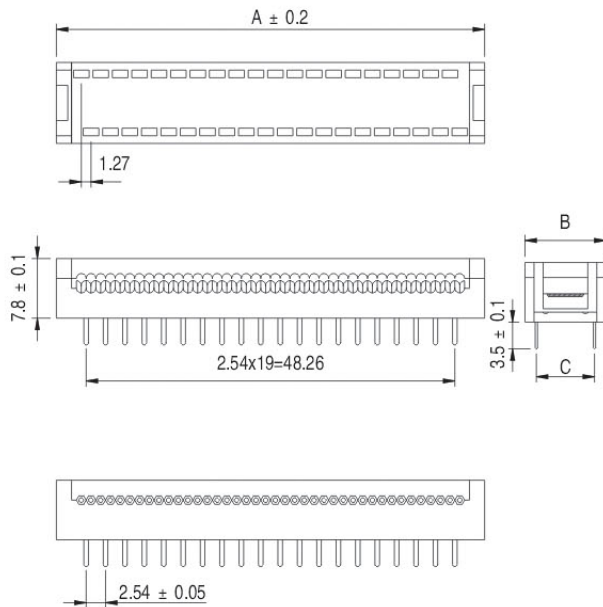
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Wire size:	28AWG
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .

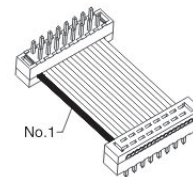
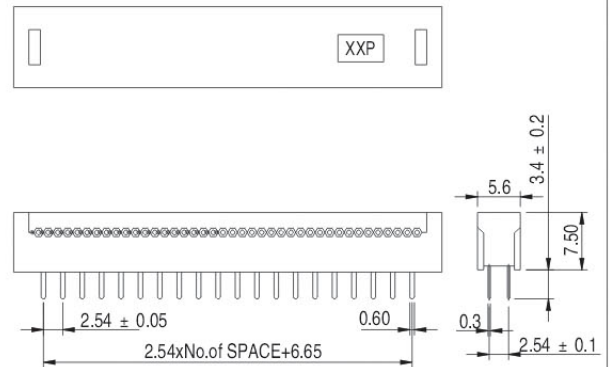


RoHS Compliant

139



140



Also Available

How to order



How to order



Nr. of contact	Dip spacing	Dimensions(mm)			Code	Plating Option	Code
		A	B	C			
08	7.62mm	15.40	10.60	7.62	083		
10	7.62mm	17.95	10.60	7.62	103		
14	7.62mm	23.03	10.60	7.62	143		
16	7.62mm	25.57	10.60	7.62	163		
18	7.62mm	28.11	10.60	7.62	183		
20	7.62mm	30.65	10.60	7.62	203		
24	7.62mm	35.73	10.60	7.62	243		
40	7.62mm	56.06	10.60	7.62	403		
24	15.24mm	35.73	18.20	15.24	246		
28	15.24mm	40.81	18.20	15.24	286		
40	15.24mm	56.06	18.20	15.24	406		

Nr. of contact	Plating Option	Code
08,10,14,16,18,20 24,26,28,30,34,40 50,60,64	Tin Plated	50
	Selective gold plated	60

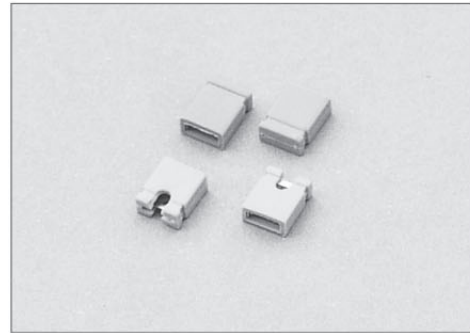
W.E.

165

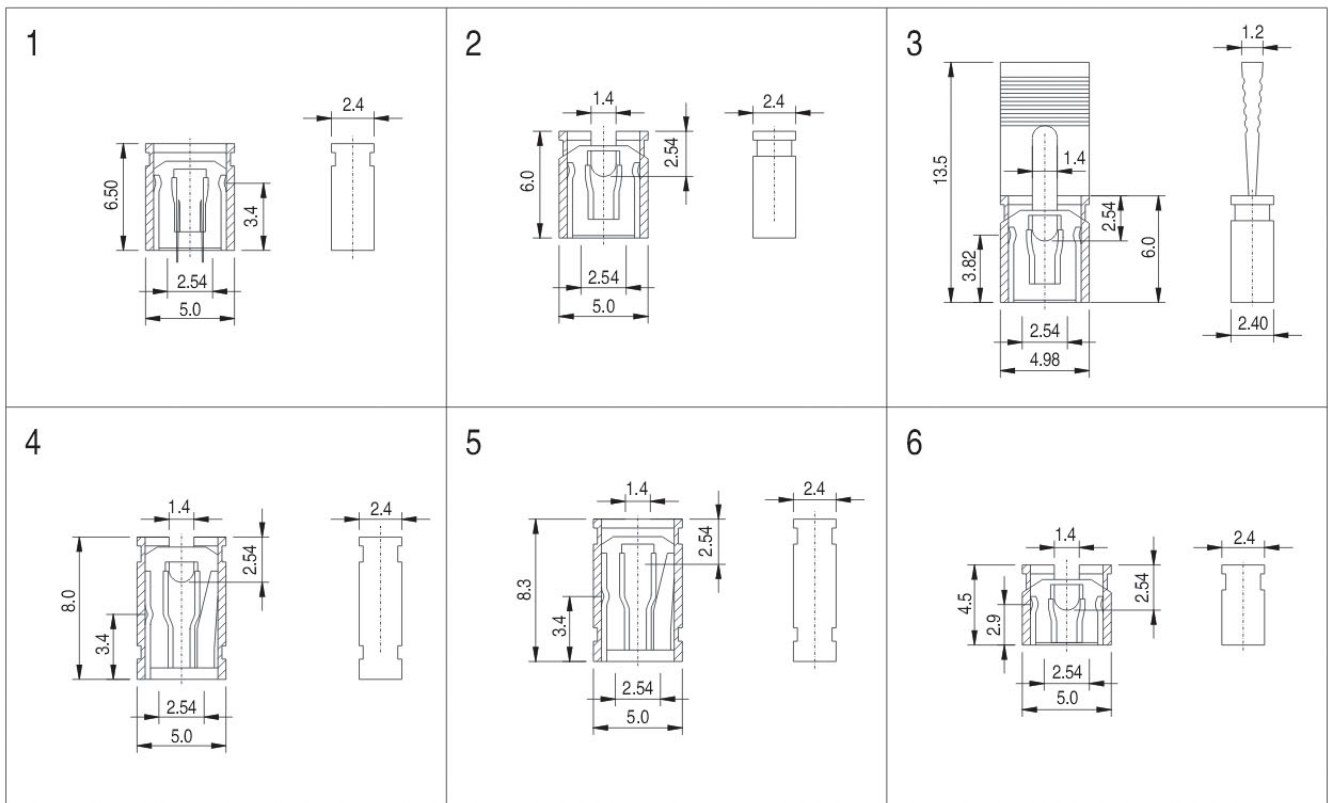
Jumper open and closed pitch 2.54mm for Square pins

Technical Data :

Insulator Material:	Thermoplastic,UL 94V-0
Contact :	stamped and formed,Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch 2.54mm, □0.635mm male header



RoHS Compliant



How to order

— — —

Serie-Nr. Jumper type Color of Insulator Clip Plating

Jumper type	Code	Color of insulator	Code	Plating option clip	Code
Closed housing 6.5mm	101	Black	10	Gold plated	10
Open housing 6.0mm	201	Red	20	Tin plated	50
Open housing W/Latch	301	Blue	30		
Open housing 8.0mm	401	Green	40		
Close housing 8.3mm	501	Yellow	50		
Open housing 4.5mm	601	Grey	60		

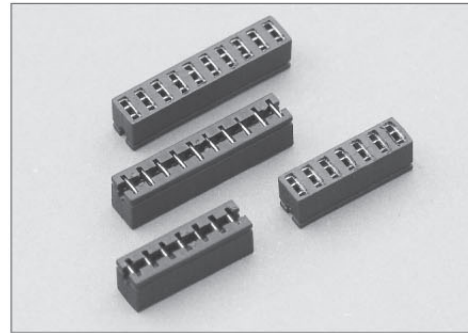
W.E.

365

Multi Jumper for Square

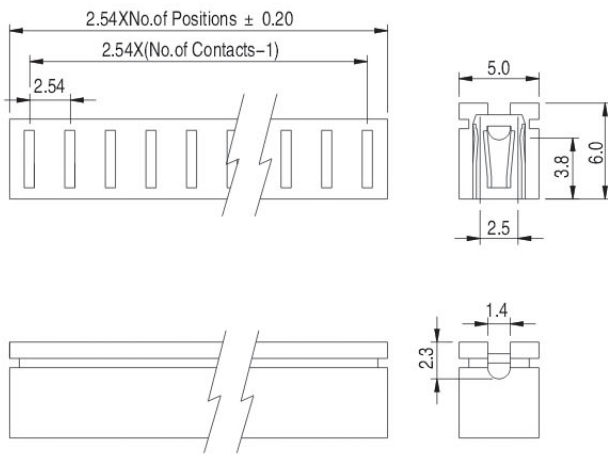
Technical Data :

Insulator Material:	Thermoplastic, UL 94V-0
Contact :	stamped and formed, Phosphor Bronze
Plating:	Au or Sn over Nickel
Current Rating :	3 Amp
Contact resistance:	20 milliohms Max.
Insulator resistance :	1000 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-40 °C to +105 °C .
Mates with :	Pitch 2.54mm, □ 0.635mm male header

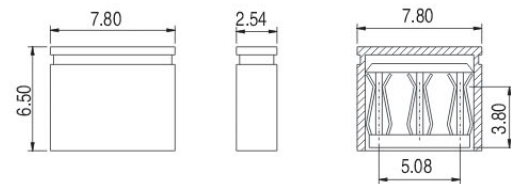


RoHS Compliant

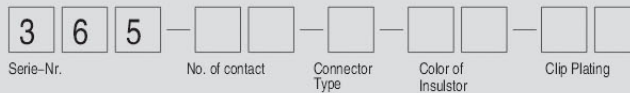
A Type



B Type



How to order



No. of contact	Code
3 Poles B Type	03
04-20 A Type (2-10 Units)	04-20

Color of insulator	Code
Black	10

Plating option clip	Code
Gold plated	10
Tin plated	50

Connector Type	Code
A Type	1
B Type	2

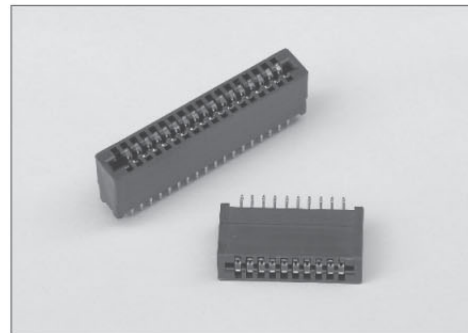
W.E.

119,120

PCB-Edge-Card Connector pitch 2.54mm

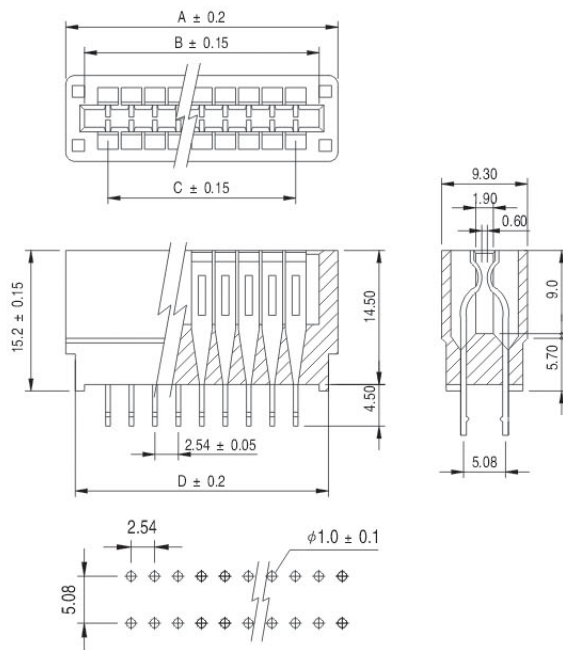
Technical data :

Insulator	Thermoplastic polyester
Color Insulator	Black
Burning properties	Self extinguishing to UL94 V-0
Contact	Phosphor bronze
Contact surface	Mating area gold over nickel Solder area tin over nickel
Operating temperature	-40 °C to +105 °C
Electrical data :	
Current rating	1 A
Electrical rating	min. 500V
Insulation resistance	min. 1000 MOhm

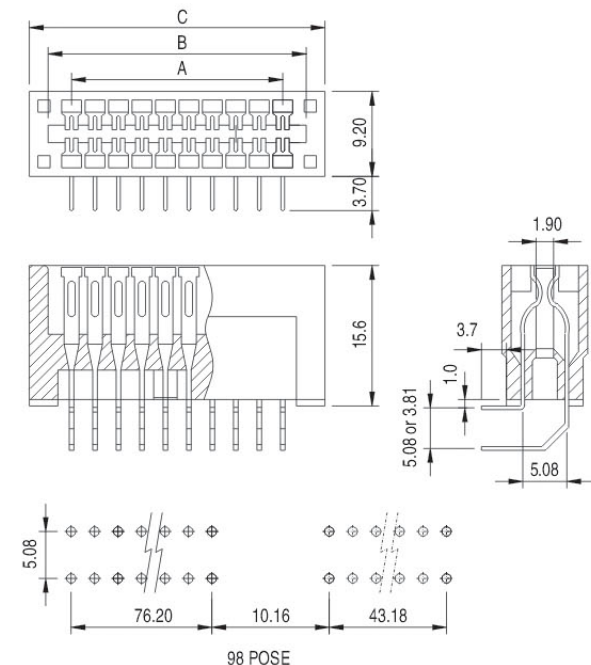


RoHS Compliant

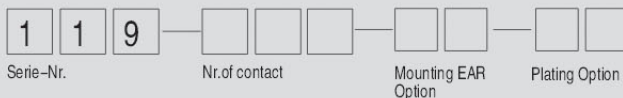
119



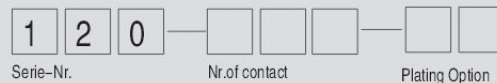
120



How to order



How to order



Nr. of contact	Dimensions(mm)				Code
	A	B	C	D	
12	21.84	17.78	12.70	19.24	012
20	32.00	27.94	22.86	29.40	020
24	37.08	33.02	27.94	34.48	024
30	44.70	40.64	35.56	42.10	030
36	52.32	48.26	43.18	49.72	036
44	62.48	58.42	53.34	59.88	044
46	65.02	60.96	55.88	62.42	046
50	70.10	66.04	60.96	67.50	050
56	77.72	73.66	68.58	75.12	056
60	82.80	78.74	73.66	80.20	060
62	85.34	81.28	76.20	82.74	062
64	87.88	83.82	78.74	85.28	064
72	98.04	93.98	88.90	95.44	072
80	108.20	104.14	99.06	105.60	080
86	115.82	111.76	106.68	113.22	086
98	138.68	134.62	129.54	136.08	098
100	133.60	129.54	124.46	131.00	100
120	159.00	154.94	149.86	156.40	120

Mounting EAR option	Code
W/O mounting EAR	10
Plating Option	Code
Selective gold plated	60

Nr. of contact	Dimensions(mm)			Code
	A	B	C	
12	12.70	17.98	21.84	012
20	22.86	28.14	32.00	020
24	27.94	33.22	37.08	024
26	30.48	35.56	39.62	026
28	33.02	38.30	42.16	028
30	35.56	40.64	44.70	030
32	38.10	43.18	47.24	032
34	40.64	45.92	49.78	034
36	43.18	48.46	52.32	036
38	45.72	51.00	54.86	038
40	48.26	53.24	57.40	040
44	53.34	58.32	62.48	044
50	60.96	66.04	70.10	050

Nr. of contact	Dimensions(mm)			Code
	A	B	C	
60	73.66	78.64	82.80	060
62	76.20	81.40	85.46	062
64	78.74	83.94	88.00	064
72	88.90	93.98	98.04	072
80	99.06	104.04	108.20	080
86	106.68	111.66	115.82	086
98	129.54	134.80	138.85	098
100	124.46	129.44	133.60	100
104	129.54	134.80	138.85	104

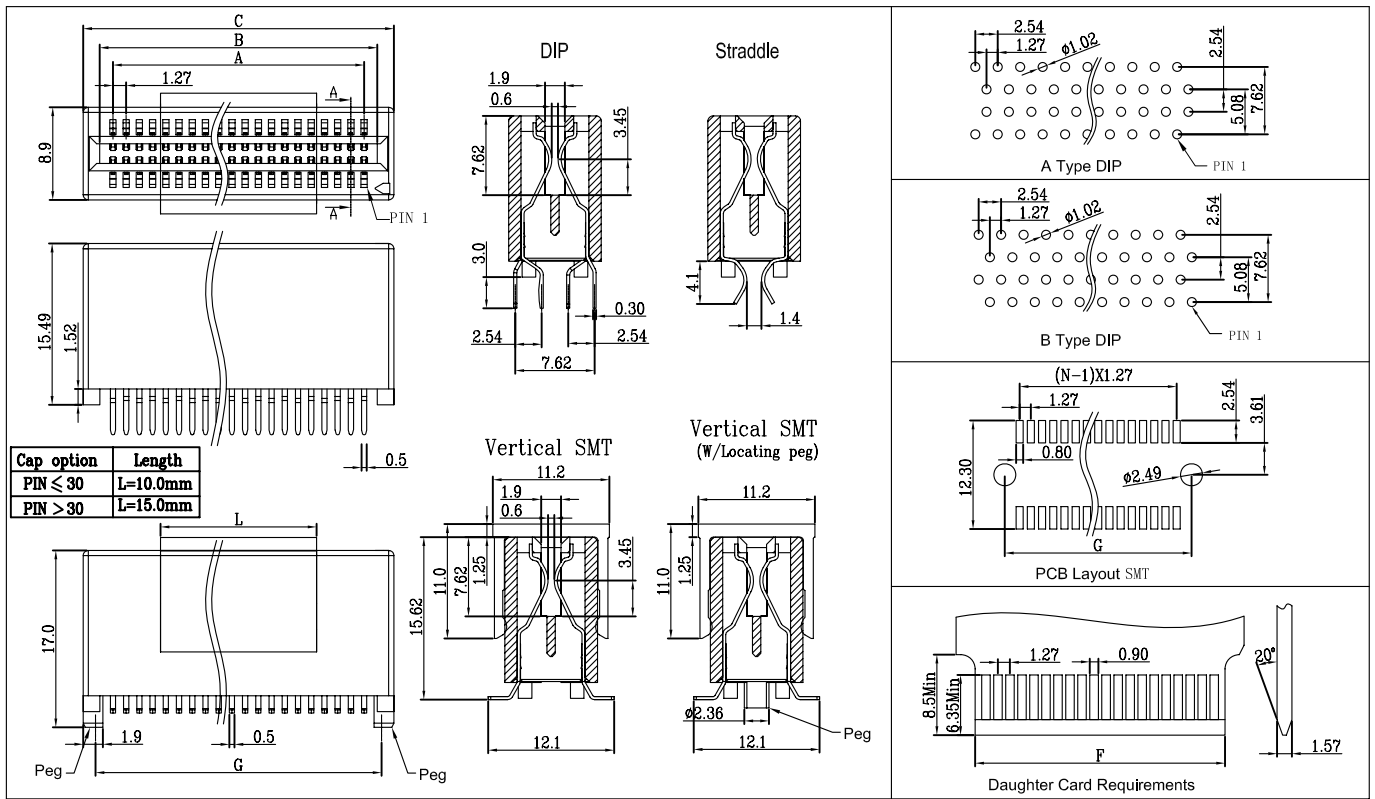
Plating Option	Code
Selective gold plated	60

W.E.

High-Density Edge-Card Connectors Pitch 1.27mm 1 slot

Technical data :

Insulator	High temperature thermoplastic, UL 94V-0,Black
Contact	Copper alloy
Plating	Mating area gold over nickel Solder area tin over nickel
Operating temperature	-55°C to +105°C
Current rating	1 A
Operation Voltage	125VAC max
Contact Resistance	30 Milliohms max initial, 10 Milliohms max increase through testing,
Insulation resistance	min. 1000 MOhm
Dielectric Withstanding Voltage	500VAC
Capacitance	2 pF max
Contact Normal Force	75 Grams min
Insertion Force	7 oz max per mated pair
Withdrawal Force	1 oz min per mated pair
Contact Retention	1 lb min
Mating Durability	100 cycles



How to order — — — — — — —

Serie-Nr. Nr.of contact PCB Pattern Plating Cap option Packing option Locating peg

Nr. of contact	Dimensions(mm)					Code
	A	B	C	F	G	
10	5.08	7.62	10.80	7.37	8.44	010
12	6.35	8.89	12.07	8.64	9.71	012
20	11.43	13.97	17.15	13.72	14.79	020
26	15.24	17.78	20.96	17.53	18.60	026
30	17.78	20.32	23.50	20.07	21.00	030
36	21.59	24.13	27.31	23.88		036
40	24.13	26.67	29.85	26.42	27.49	040
50	30.48	33.02	36.20	32.77	33.84	050
60	36.83	39.37	42.55	39.12	40.19	060
64	39.37	41.91	45.09	41.66		064
80	49.53	52.07	55.25	51.82	52.89	080
100	62.23	64.77	67.95	64.52	65.59	100
120	74.93	77.47	80.65	77.22	78.29	120

PCB pattern	Code
A Type DIP	10
B Type DIP	20
Straddle	30
Vertical SMT	40

Plating	Code
Selective gold flash plated	60

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

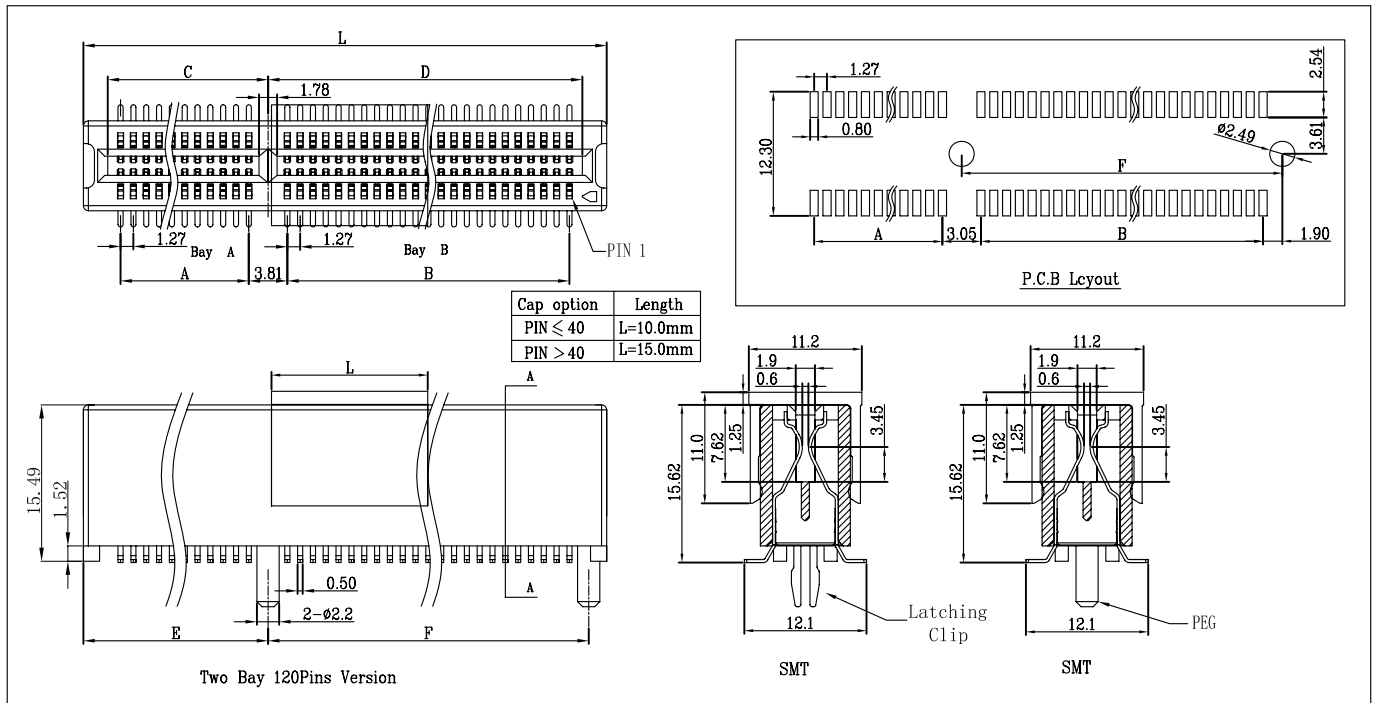
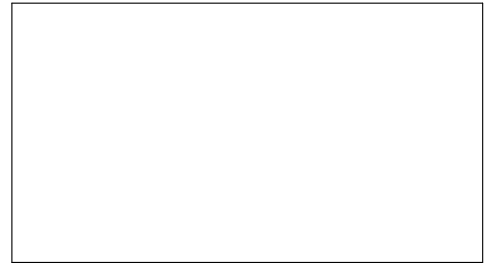
Locating peg option	Code
W/Locating peg	PEG
Omit for W/O Locating peg	

W.E.

High-Density Edge-Card Connector Pitch 1.27mm 2 slot

Technical data :

Insulator	High temperature thermoplastic, UL 94V-0,Black
Contact	Copper alloy
Plating	Mating area gold over nickel Solder area tin over nickel
Operating temperature	-55°C to+105°C
Current rating	1 A
Operation Voltage	125VAC max
Contact Resistance	30 Milliohms max initial, 10 Milliohms max increase through testing,
Insulation resistance	min. 1000 MOhm
Dielectric Withstanding Voltage	500VAC one minute or 1000VAC one seconds.
Capacitance	2 pF max
Contact Normal Force	75 Grams min
Insertion Force	198 Grams max
Withdrawal Force	28 Grams min
Contact Retention	1 lb min
Mating Durability	100 cycles



How to order — — — — — —

Series-Nr. Nr.of contact location option PCB Type Plating Cap option Packing option

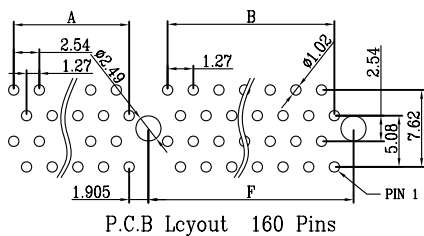
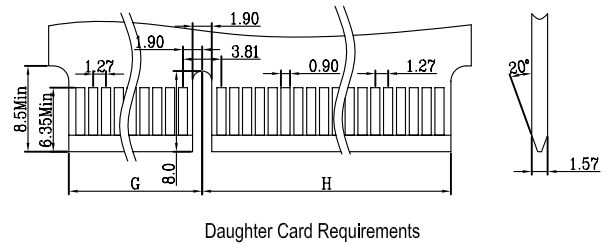
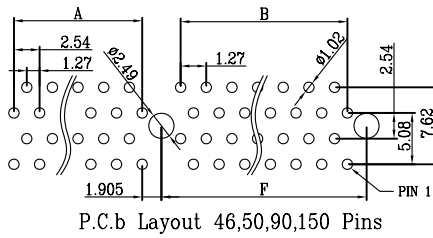
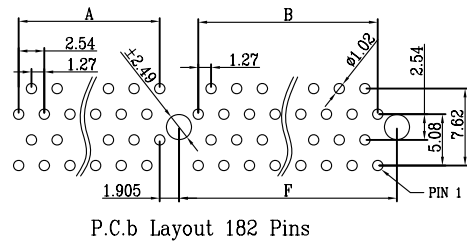
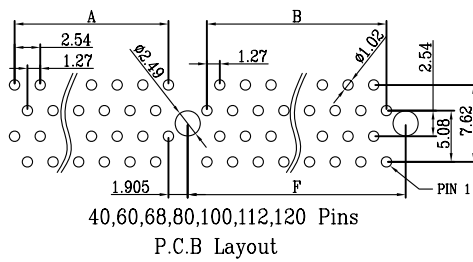
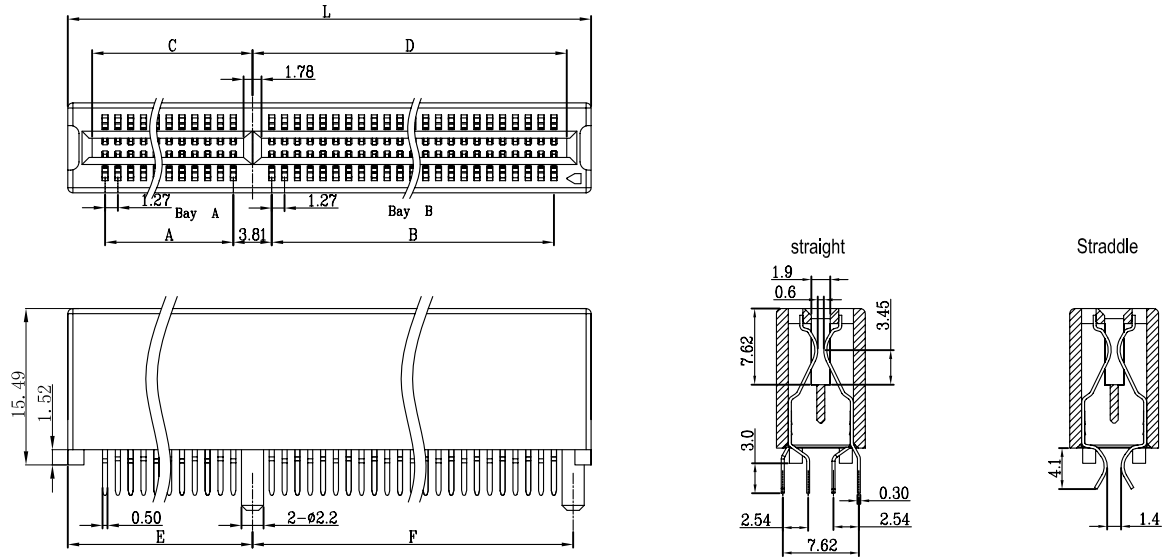
Nr. of contact	contact Per Row	Bay A	Bay B	Dimensions(mm)									Code
				A	B	C	D	E	F	G	H	L	
40	20/40	11/22	9/18	12.70	10.16	15.88	13.34	18.29	13.97	15.49	12.95	34.04	40
46	23/46	11/22	12/24	12.70	13.97	15.88	17.15	18.29	17.78	15.49	16.76	37.85	46
50	25/50	11/22	14/28	12.70	16.51	15.88	19.69	18.29	20.32	15.49	19.30	40.37	50
60	30/60	11/22	19/38	12.70	22.86	15.88	26.04	18.29	26.67	15.49	25.65	46.74	60
68	34/68	11/22	23/46	12.70	27.94	15.88	31.12	18.29	31.75	15.49	30.73	51.82	68
80	40/80	11/22	29/58	12.70	35.56	15.88	38.74	18.29	39.37	15.49	38.35	59.44	80
90	45/90	11/22	34/68	12.70	41.91	15.88	45.09	18.29	45.72	15.49	44.70	65.79	90
100	50/100	11/22	39/78	12.70	48.26	15.88	51.44	18.29	52.07	15.49	51.05	72.14	100
112	56/112	11/22	45/90	12.70	55.88	15.88	59.06	18.29	59.69	15.49	58.67	79.76	112
120	60/120	11/22	49/98	12.70	60.96	15.88	64.14	18.29	64.77	15.49	63.75	84.84	120
150	75/150	37/74	38/76	45.72	46.99	48.90	50.17	51.31	50.80	48.51	49.78	103.89	150
160	80/160	38/76	42/84	46.99	52.07	50.17	55.25	52.58	55.88	49.78	54.86	110.24	160
164	82/164	42/84	40/80	52.07	49.53	55.25	52.71	57.66	53.34	54.86	52.32	112.78	164
182	91/182	42/84	49/98	52.07	60.96	55.25	64.14	57.66	64.77	54.86	63.75	124.21	182

location option	Code	▼
Vertical with Peg	10	
Vertical with Latching Clip	11	
Without Location	20	
Solder PCB Type	Code	▼
PCB straight	10	
PCB Straddle	20	
PCB SMT	30	
Plating option	Code	▼
Selective gold flash plated	60	

Cap option	Code	Packing option	Code
W/Cap	1	Tube	1
W/O Cap	2	Tape & Reel	2

W.E.

High-Density Edge-Card Connector Pitch 1.27mm 2 slot

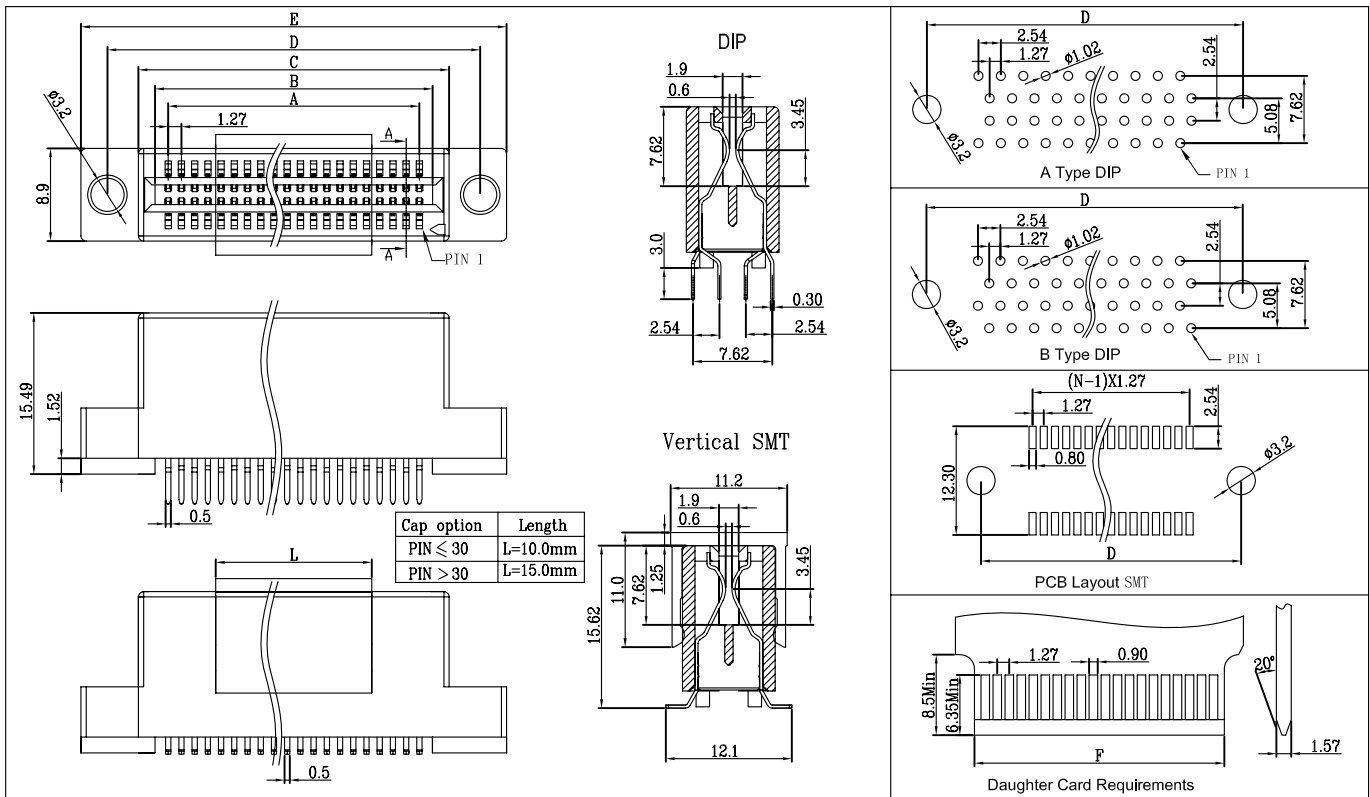


121-1

High Density Edge Connectors with Mounting Ears

Technical data :

Insulator	High temperature thermoplastic, UL 94V-0,Black
Contact	Copper alloy
Plating	Mating area gold over nickel Solder area tin over nickel
Operating temperature	-55°C to+105°C
Current rating	1 A
Operation Voltage	125VAC max
Contact Resistance	30 Milliohms max initial, 10 Milliohms max increase through testing,
Insulation resistance	min. 1000 MOhm
Dielectric Withstanding Voltage	500VAC
Capacitance	2 pF max
Contact Normal Force	75 Grams min
Insertion Force	7 oz max per mated pair
Withdrawal Force	1 oz min per mated pair
Contact Retention	1 lb min
Mating Durability	100 cycles



How to order - - - - -

Serie-Nr. Nr.of contact PCB Pattern Plating Cap option Packing option

Nr. of contact	Dimensions(mm)						Code
	A	B	C	D	E	F	
10	5.08	7.62	10.08	16.76	21.84	7.37	010
12	6.35	8.89	12.07	18.03	23.11	8.64	012
20	11.43	13.97	17.15	23.11	28.19	13.72	020
26	15.24	17.78	20.96	26.92	32.00	17.53	026
30	17.78	20.32	23.50	29.46	34.54	20.07	030
40	24.13	26.67	29.85	35.81	40.89	26.42	040
50	30.48	33.02	36.20	42.16	47.24	32.77	050
60	36.83	39.37	42.55	48.51	53.59	39.12	060
80	49.53	52.07	55.25	61.21	66.29	51.82	080
100	62.23	64.77	67.95	73.91	78.99	64.52	100
120	74.93	77.47	80.65	86.61	91.69	77.22	120

PCB pattern	Code
A Type DIP	10
B Type DIP	20
Vertical SMT	30

Cap option	Code
W/Cap	1
W/O Cap	2

Plating	Code
Selective gold flash plated	60

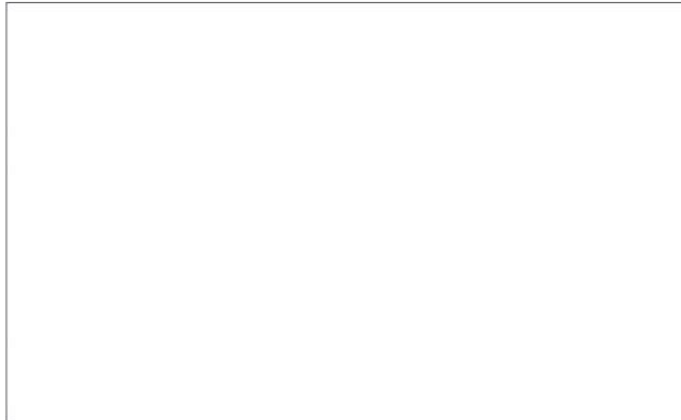
Packing option	Code
Tube	1
Tape & Reel	2

W.E.

A1(2013) SERIES LIST

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145	114	539B	22	866	5
151	114	539C	23	867	6
146	115	539D	24	868	7
146-1	118	595	62	873	3
146-2	119	596	59-60	912	8
146A	116	596-DB	61	913	9
146B	117	597	138	914	10
146PF	111	600	84	915	11
146PF-N	113	600-3	83	920 Vertical Type	25
147	115	600-4	83	920 Right Angle Type	26
147-1	118	600-5	81	921 Vertical Type	27
147-2	119	600-6	81	921 Right Angle Type	28
147A	116	600-7	82	922 Vertical Type	29
147B	117	601	86	922 Right Angle Type	30
147PF	111	601-1	87	923 Vertical Type	31
147PF-N	113	602	85	923 Right Angle Type	32
148	120	603	139	924	33
148-1	120	604	147	925	34
149	121	605	140-141	926	35
150	121	606	142-143	927 Vertical Type	36
152	101	606-1	144	927 Right Angle Type	37
152-DB	101	606-2	145	928 Vertical Type	38
152-1	102	607	64	928 Right Angle Type	39
152-2	103	607-1	65	929 Vertical Type	40
152-3	104	608	63	929 Right Angle Type	41
154	134	608-2	72	930 Vertical Type	42
157	174	609	66	930 Right Angle Type	43
157 With Bump	177	609A	68-69	931 Vertical Type	44
158	178	609B	70	931 Right Angle Type	45
159 With Bump	177	609B-1	71	932 Vertical Type	46
159 SMT TYPE	175	610	67	932 Right Angle Type	47
159 Right Angle Type	176	611	74	933	48
160	180	611-1	76	934	49
162	180	611-2	75	934-1	50
165	194	611-D	73	935	51
167	156	612	77	935-1	52
313 Vertical Type	122	612-1	78	936	53
313 Horizontal Type	129	613	146	936-1	54
313-1	124	614	99	936-2	55
313A	126	615	91	937	56
313A-1	127	615-1	92	937-1	57
314	88	615-2	93		
314PF	89	616	90		

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