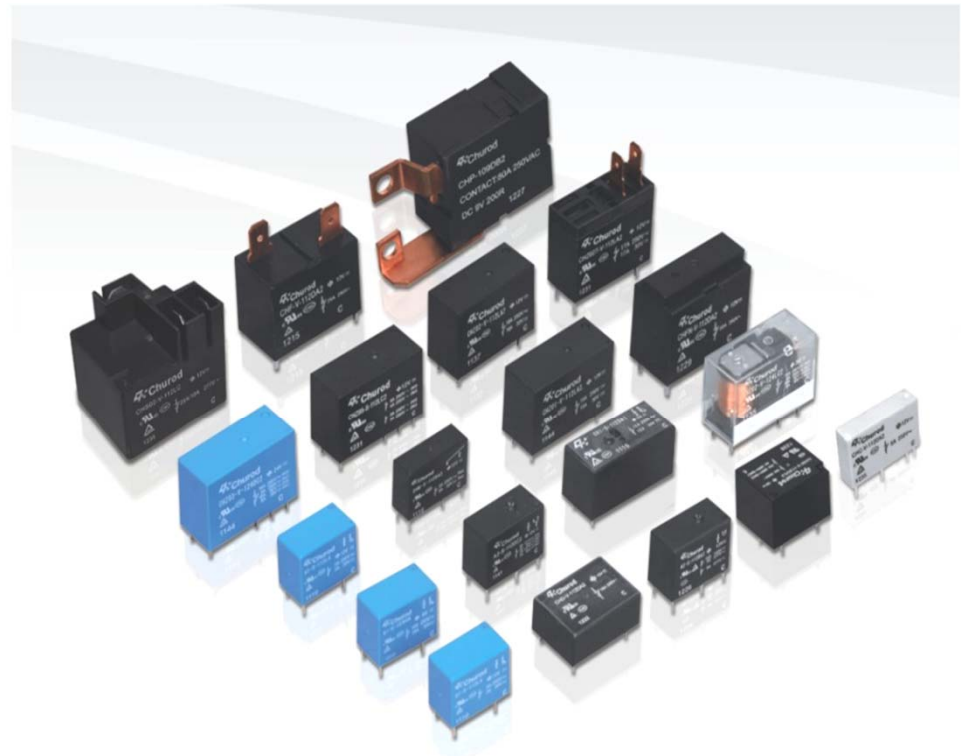


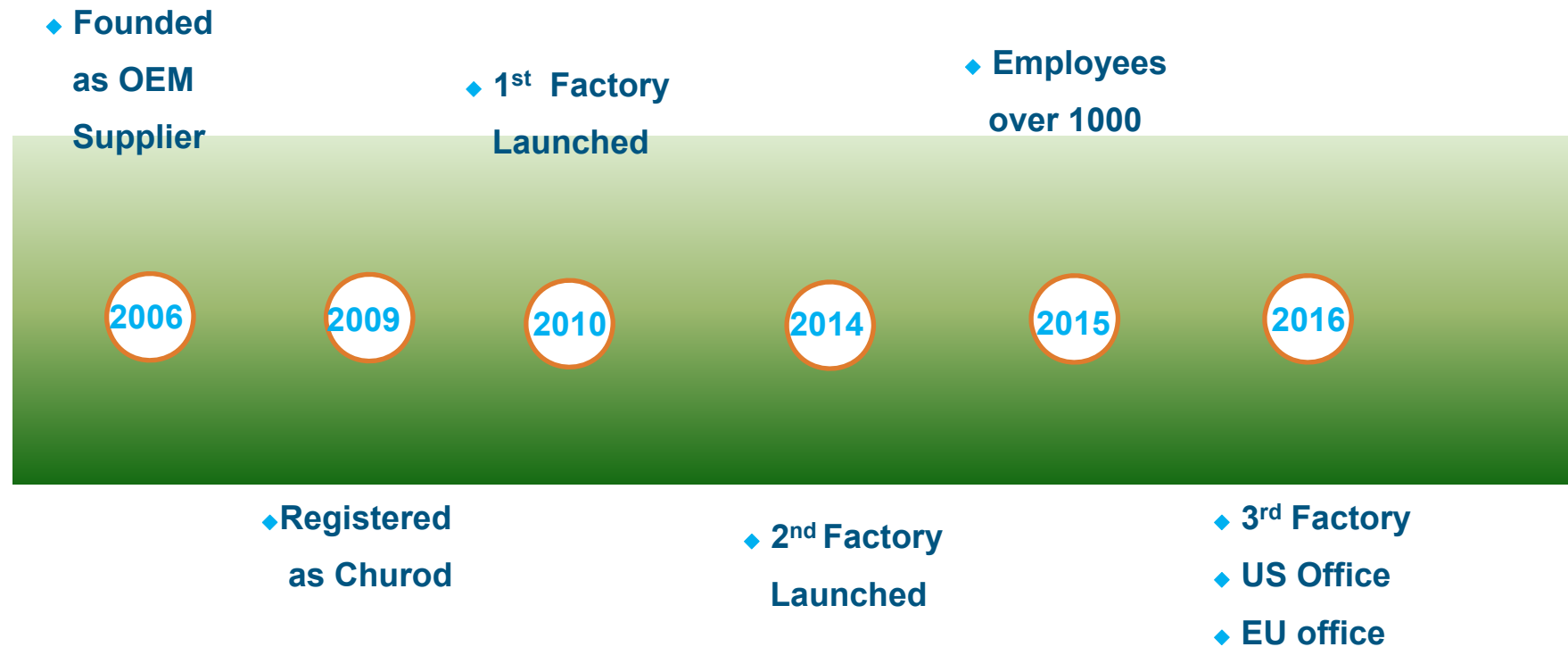


# Corporate Overview



3/20/2018

# Milestones



# Churod Factories



## 1<sup>st</sup> Factory

**Space:** 12,000 square meters  
(130,000 square feet)

**Plant area:** 6,000 square meters  
(65,000 square feet)

**Production capacity:** 400KU/day,  
150MU/year

## 2<sup>nd</sup> Factory

**Space:** 35,000 square meters  
(380,000 square feet)

**Plant area:** 20,000 square meters  
(220,000 square feet)

**Capacity forecast:** 800KU/day,  
300MU/year

**Lab – UL Certified.**



# 3<sup>rd</sup> Factory – Production in Q12016



Production: Q1 2016

Employees: 1,000 ( 100 Engineers )

Space: 25,000m<sup>2</sup> (300,000 square feet)

Output Capacity: 350 Mpcs/yr ( Churod reaches a total of 800Mpcs/yr )

Product: General Purpose

Relays

Key Functions:

- Product Design
- Heat Treatment
- Punching/Molding
- Assembly & Test
- **Quality Lab (1000m<sup>2</sup>)**

**Location: Wuhu, Anhui Province**



# 3<sup>rd</sup> Factory – injection modeling Plant

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Injection plant in Wuhu factory

# Wuhu factory



# Company Culture

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## Operation Philosophy

- Excellent products for customers, good career planning for employees and attractive ROI for shareholders

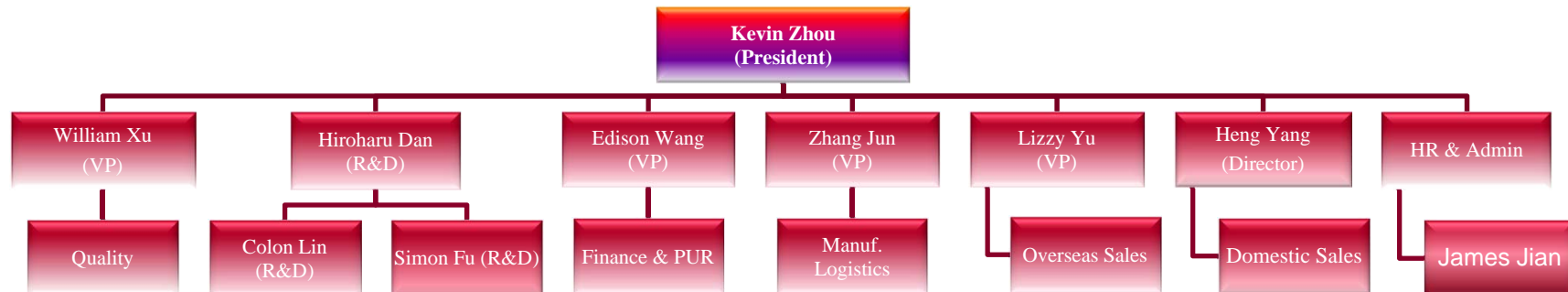
## Core Values

- Integrity, Accountability, Teamwork, Diligence and Innovation  
诚信、责任、团队合作、拼搏与创新

## Corporate Vision

- To be a respected relay manufacturer

# Organization Chart



## The management team worked in relay industry for many years:

**Kevin Zhou:** over 12 years in relay project development and supply chain management

**Hiroharu Dan:** over 35 years in R&D in Japan relay manufacturer

**Edison Wang:** over 15 years in relay manufacturing

**James Jian:** over 22 years in relay manufacturing

**William Xu:** over 20 years in relay quality management and product application

**Lizzy Yu:** over 15 years in electronic components sales and distribution management

**In addition, Churod is also cooperating with Electric & Automation School of Shenzhen University on technical support of relays.**



# Product Roadmap



(**Ň** New product under development)



# Product Roadmap (AUTO)

(✕ New product under development)

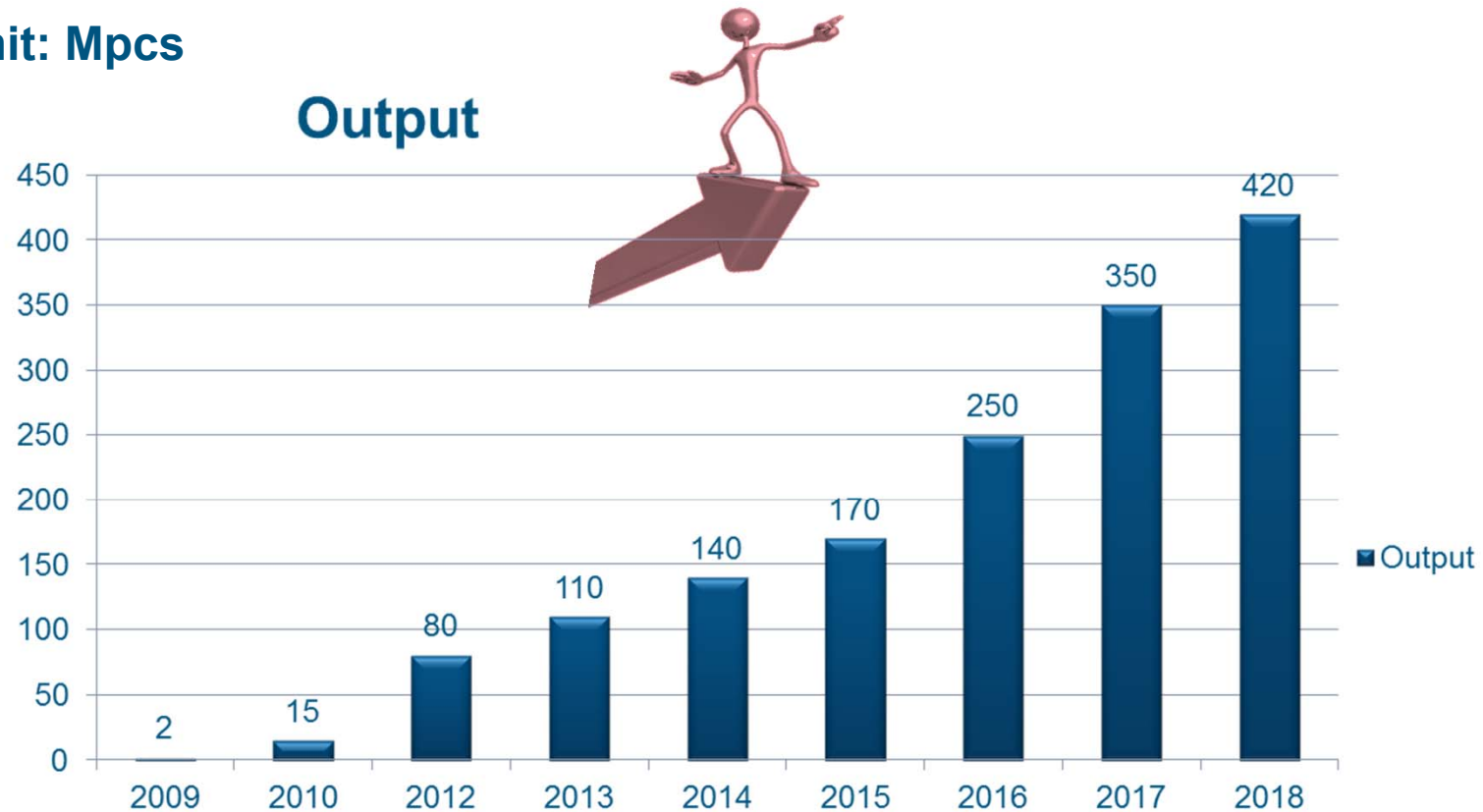


# Annual Output



Unit: Mpcs

Output



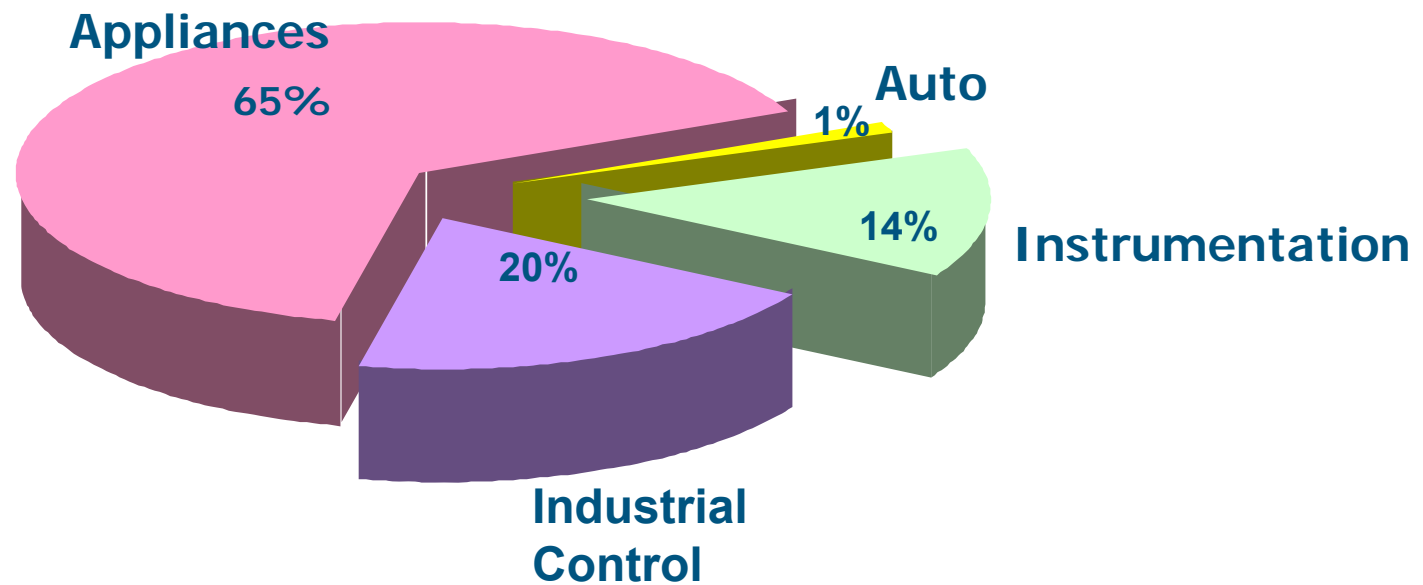
# Churod Relay Applications



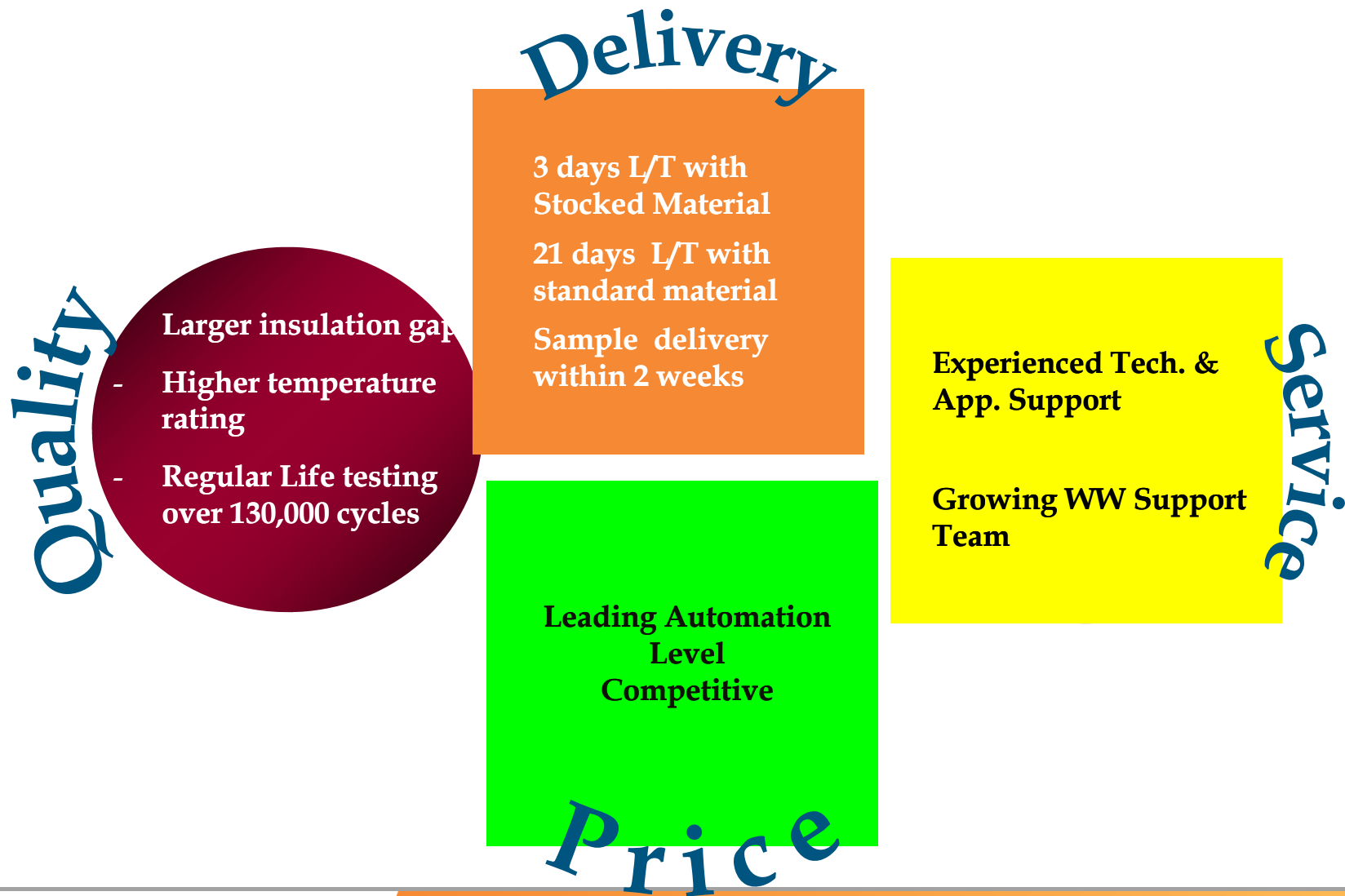


# Revenue by Segment

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# Churod Strengths



# Quality



## Quality Policy:

- Quality First
- Delivery On Time
- Continuous Improvement
- Unity and Win-Win



## Quality Advantage

1. Quality team is managed by experts with years of experience in quality management in relay manufacturers.
2. Reliable quality system, certified for ISO 9001 & ISO 14001, cULus, TUV and CQC
3. Reliable material/component supplier. Our suppliers are specialized in relay material/component manufacturing for many years.
4. Regular electrical life testing of 130,000 cycles – comparing to industrial standard of 100,000 cycles.
5. Higher temperature rating – Class F coil, 155C

# QUALITY SYSTEM CERTIFICATION



ISO9001



## CERTIFICATE OF REGISTRATION

Certificate No.: 117 13 QU 0220-05 R1M

This is to certify the quality management systems of

Dongguan Churod Electronics Co., Ltd.

Dongguan LingKev Electronics Co., Ltd.

Organization code 78924153-X/31052630-7

Registered Address No. 20, Xingui Road, Lin Village, Tangxia Town,  
Dongguan City, Guangdong, P. R. China

Auditing Address (Block 12) No. 9, Xinlong Road, Lin Village, Tangxia  
Town, Dongguan City, Guangdong, P. R. China  
(Block 112) No. 20, Xingui Road, Lin Village, Tangxia  
Town, Dongguan City, Guangdong, P. R. China  
(Block 12) No. 9, Xinlong Road, Lin Village, Tangxia  
Town, Dongguan City, Guangdong, P. R. China

has been assessed and registered as meeting the requirements of  
ISO9001:2008

Scope of approval

Design, Production and Sales of Relays (Excluding the products Refer to CCC  
Catalog)

Signed by:



Shanghai Inger Certification Assessment Service Co., Ltd.  
Certification and Accreditation Administration of the People's Republic of China (CMAA)  
United Kingdom Accreditation Service: UKAS  
Tel.: +86 21-51141700  
Fax: +86 21-54253541  
Web: www.icasino.com  
Add: Room 801, HuaDing Mansion, 2368 West Zhongshan Rd.,  
Xuhui District, Shanghai, China, 200235

Approval Date: 21 May 2013  
Revision Date: 27 Feb. 2015  
Expiry Date: 20 May 2016  
Initial Date: 10 Jun. 2010



The certificate information can be checked on the CNCA website: WWW.CNCA.GOV.CN. The validation of the certificate also  
can be obtained through www.icasino.com or by calling ICAS' clients Services Dept. This certificate is only valid when used  
together with related permits when appropriate. This certificate holder must successfully pass yearly periodical audits to  
maintain the validity of the certificate after the certificate approval date. The Certificate remains the property of ICAS, to  
whom it must be returned if the management system of the certificate holder is approved to fail to be in conformity with the  
certification standard.

ISO14001



## CERTIFICATE OF REGISTRATION

Certificate No.: 117 13 EI 0277 ROM

This is to certify the environmental management systems of

Dongguan Churod Electronics Co., Ltd.

Dongguan LingKev Electronics Co., Ltd.

Organization code 78924153-X/31052630-7

Registered Address No. 20, Xingui Road, Lin Village, Tangxia Town, Dongguan  
City, Guangdong, P. R. China

Auditing Address (Block 12) No. 9, Xinlong Road, Lin Village, Tangxia Town,  
Dongguan City, Guangdong, P. R. China  
(Block 112) No. 20, Xingui Road, Lin Village, Tangxia Town,  
Dongguan City, Guangdong, P. R. China  
(Block 12) No. 9, Xinlong Road, Lin Village, Tangxia Town,  
Dongguan City, Guangdong, P. R. China

has been assessed and registered as meeting the requirements of  
GB/T24001-2004/ISO14001:2004

Scope of approval

The Related Environmental Management Activities of Design, Production and Sales of  
Relays (Excluding the products Refer to CCC Catalog) for Dongguan Churod Electronics  
Co., Ltd./Dongguan LingKev Electronics Co., Ltd. Located in (Block 112) No. 20, Xingui  
Road, Lin Village, Tangxia Town, Dongguan City, Guangdong, P. R. China/(Block 12) No.  
9, Xinlong Road, Lin Village, Tangxia Town, Dongguan City, Guangdong, P. R. China

Signed by:



Shanghai Inger Certification Assessment Service Co., Ltd.  
Certification and Accreditation Administration of the People's Republic of China (CMAA)  
China National Accreditation Service for Conformity Assessment: CNAS C1174E  
Tel.: +86 21-51141700  
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whom it must be returned if the management system of the certificate holder is approved to fail to be in conformity with the  
certification standard.



# ISO/TS-16949 Certification



- Passed TS-16949 audit in December 2016
- Certificate available in February 2017.



# Automation



## ◆ Factory Show

Automation level

in relay industry of China



3<sup>rd</sup> Factory -  
Injection Molding

Auto Winding  
machine

Auto gluing  
machine

Auto pin  
Inserting machine

Auto spring  
inserting machine

Auto blowing & case  
input machine

Auto fringing  
Machine

Auto pad printing  
machine

Auto finished/semi-finished  
Product testing machine

Fully automated line - less than  
6 people

Equal to 95% automation

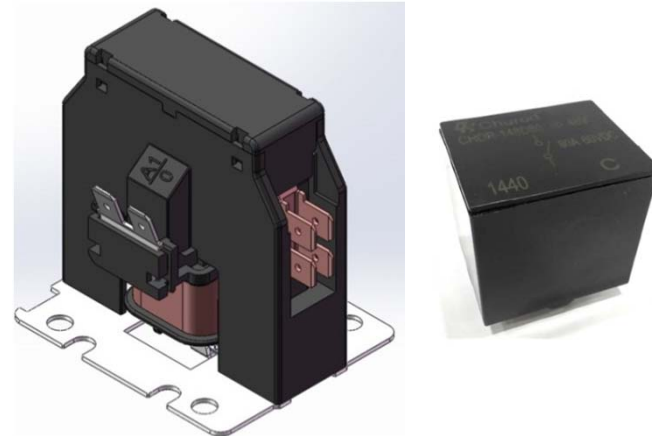
Leading  
position



# R&D Capability and Plan



- Expert team in relay development
- Fully equipped with reliability testing instruments, including:
  1. Electrical life cycle tester
  2. Environmental reliability tester
  3. Various material tester
- Full series of products from 3A to 40A general purpose relay, and 60A~120A relay for E-meter industry.
- Promote high-current relays to replace current AC contactors.
- Developing relays for automotive (EV & HEV), solar and industrial market





# TESTING LAB



## Testing Capability

- Reliability tests required by new product development
- Regular test of products in mass production
- Specific tests required by customer



**Churod Lad was awarded the certification issued by UL and TUV**





# Sales & Service WW Locations



# Marcom Activities



**ELECTRONICA MUNICH**



**ELECTRONICA SHANGHAI**



**KES SEOUL**



**CES LAS VEGAS**

# Our Valued Customers



GE APPLIANCES



EMERSON™



PHILIPS



AUX 奥克斯



三星电子

WKK



JABIL



HeT



FLEXTRONICS X



HITACHI



# Churod - Your Reliable Partner

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**Focusing on customer  
needs, seeking for win-  
win partnership !**

**THANK YOU!**