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HUAWEI



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PART 1 Company Profile

Company Profile



Changzhou Huawei Electronics was established in 1987. It is a professional high-tech enterprise engaged in the research & design, manufacturing and marketing of Aluminum electrolytic capacitors. The annual output is 6 billion pieces. It is also the top-100 enterprises of China's Electronic Component Industry



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Company Culture



Core Value

Integrity Harmony
Excellence Mutual Benefits



Quality Polices

Customer First Full Participation
Constant Innovation Pursuit of Excellence



Company Mission

Based on the global electronics industry, providing capacitors and energy storage solutions and services, and continues to create maximum value for customers, employees, shareholders and other relevant parties.



Company Vision

Become the world leader in aluminum electrolytic capacitors field

Production Base

CHANGZHOU HUAWEI



Add : 300 Shiqiao, ZouQu Town,
Zhonglou District, Changzhou

Area : 50,000m²

Employee : about 800

Productivity : 3 billion pcs per year

Type : radial, snap-in, lug , screw and
solid capacitor

HUA WEI ELECTRONICS

CHANGZHOU HUARONG



Add : 196 Huanghe Road, High-tech
Industrial Zone, Changzhou

Area : 20,000m²

Employee : about 250

Productivity: 1.2 billion pcs per year

Type : SMD capacitor

HUA RONG ELECTRONICS

HUAIAN HUAYAO



Add : Xucheng Industrial area, XuYi
County, HuaiAn City, Jiangsu Province

Area : 20,000m²

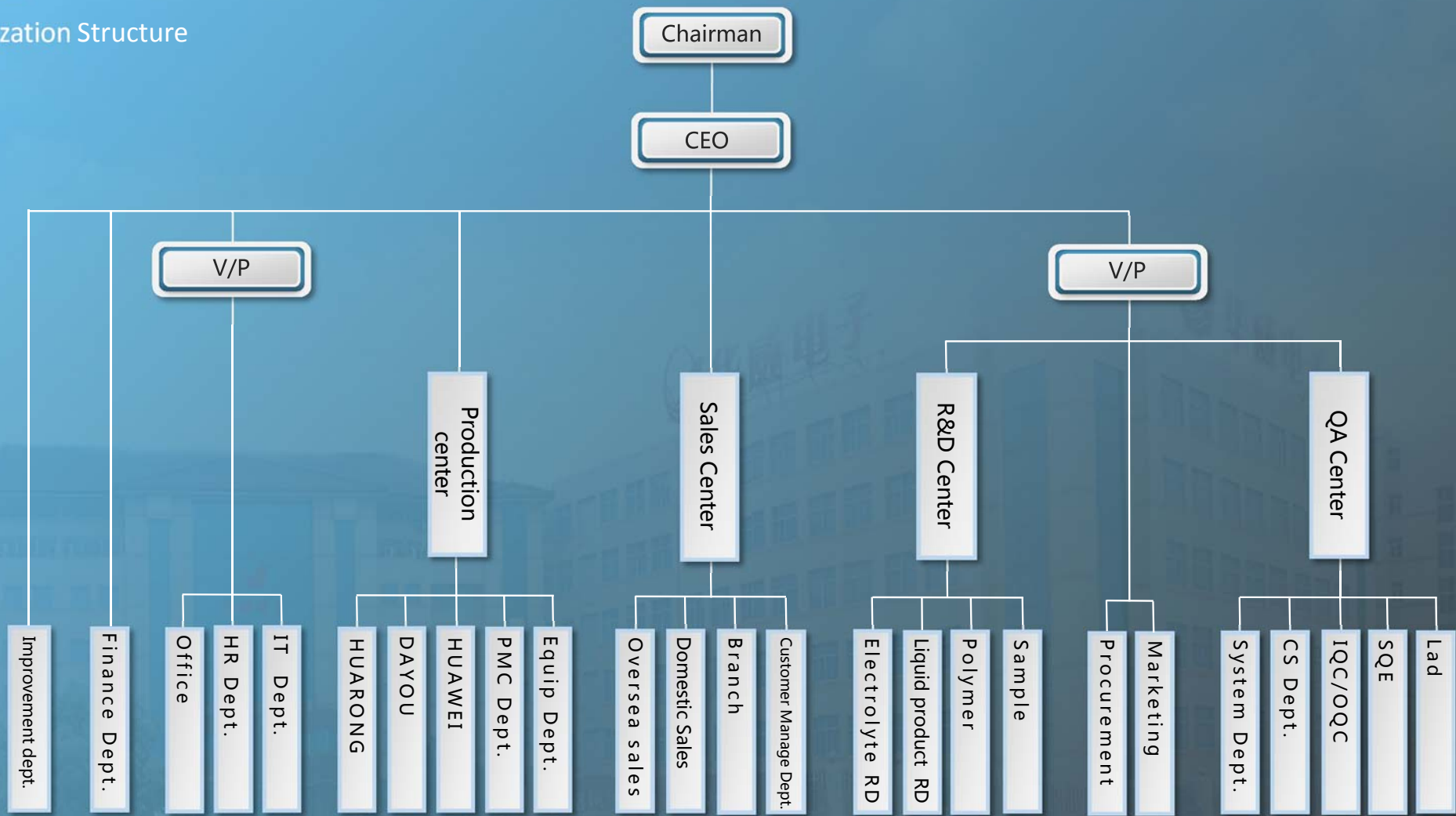
Employee : about 250

Productivity: 1.8 billion pcs per year

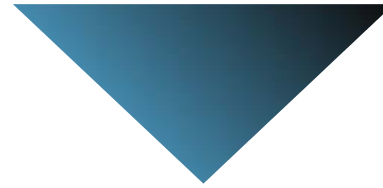
Type : radial type capacitor

HUA YAO ELECTRONICS

Organization Structure



Company Record



1987.08

Changzhou Huawei Electronic was established

1998.02

ISO9001 certificate first time passed.

2003

Selected as one of China's top 100 electronic component companies for many consecutive years

2003

New factory which produce V-chip capacitor was established in Changzhou Hi-tech development Zone.

2005

ISO14001 certificate was obtained. And get the UL certificate in July for snap-in capacitors

2007.02

IECQ QC080000 certificate was obtained

2007.08

Listed in HK stock market in Aug, 2007. And in 2016 the assets were privatized

2009.09

Introduced in ERP system.

2010.05

Obtained ISO/TS16949 certificate and passed the certificate of IATF16949 version change.

2012.01

Obtained CE certificate for snap-in & screw capacitors.

Company Record



- 2012 Obtained the approval from SAMSUN & Philip.
- 2014 Huaian Huayao Electronic was established and obtained the OHSAS18001 certificate in April.
- 2016 Hybrid capacitor was successfully developed(GP series).
- 2016.06 Huawei Research Institute was established.
- 2016.07 Awarded Quality Leader certificate in capacitor industry by CAQI (Chinese Quality Inspection Association).
- 2017.04 Obtained IPMS(Intellectual Property Management System) certificate in April. And obtained the management system certificate for the integration of Information & Industrialization in the same year.
- 2017.12 Obtained the quality award by District mayor of Changzhou Zhonglou District.
- 2018.02 Obtained the measurement management system certificate, and achieved the advanced unit of quality management in Changzhou in in the same year
- 2018.09 Developed and entered Volkswagen
- 2019.04 The company comprehensively promotes Six Sigma and lean production
- 2019.12 Won the Changzhou Mayor Quality Award

Wonderful Continue.....

PART 2 Product & Market

Product Type

Polymer



- Voltage : 2.5 ~ 100V
- Temperature: -55 ~ 125°C
- Life: 2000 ~ 5000Hrs

SMD



- Voltage : 6.3 ~ 450V
- Temperature: -55 ~ 125°C
- Life: 1000 ~ 5000Hrs

Radial



- Voltage : 6.3 ~ 600V
- Temperature: -55 ~ 150°C
- Life: 1000 ~ 20000Hrs

Snap in/Screw

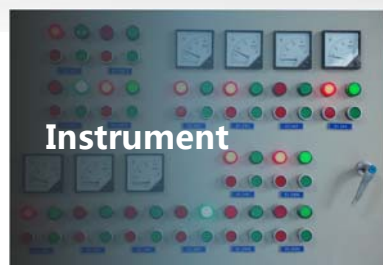


- Voltage : 10 ~ 600V
- Temperature: -40 ~ 125°C
- Life: 2000 ~ 10000Hrs

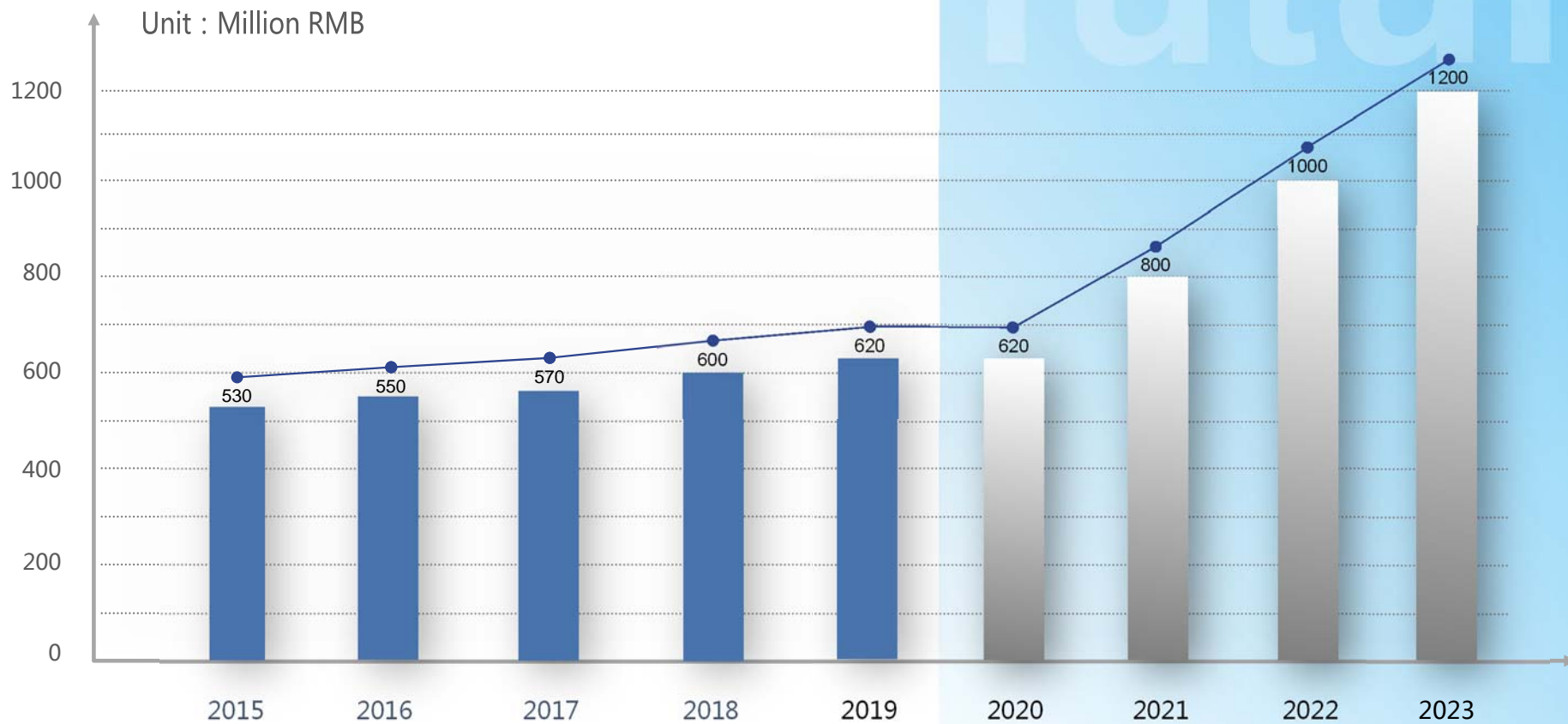
Application Field



Product Application



Sales Performance

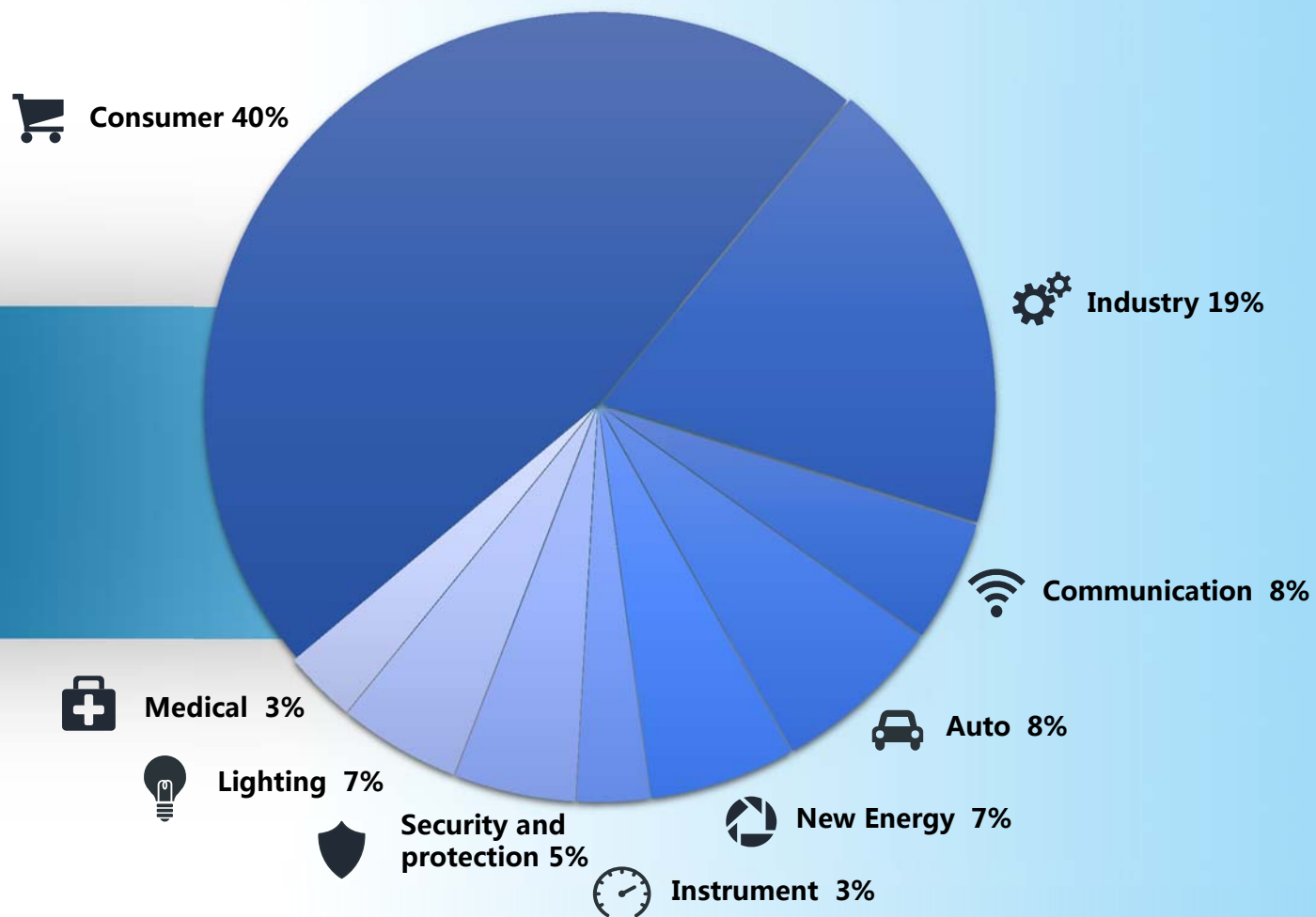


Sales Target

future

Market Distribution

Market distribution ratio



Application Field



Domestic Branch



Agent Abroad

Customer Classification

Consuming Electronics



Industrial Area



Power Supply



Customer Classification

Communication



Automobile Industry



Lighting



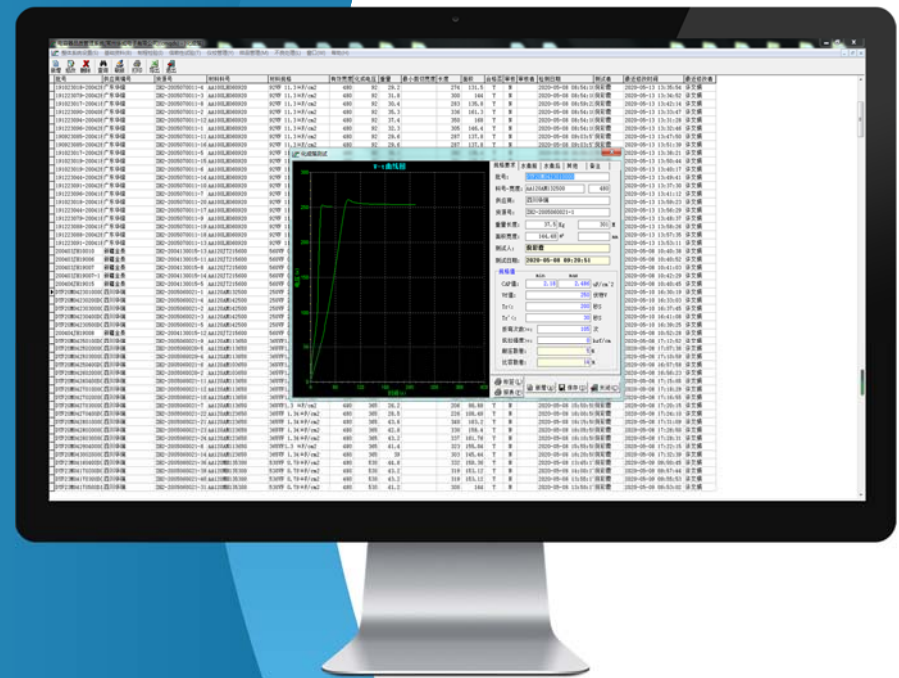
PART 3 Quality Assurance

Self-developed QA management system on Windows platform

- ◆ IQC
- ◆ PQC
- ◆ FQC
- ◆ OQC
- ◆ Reliability Test
- ◆ Calibration

Function : ERP data sharing
Remote monitoring

Automatic data recording
Convenient checking



Quality Assurance

IQC



Fluorescence spectrometer



Electrolyte detection



Electrolytic paper withstand voltage detection



Size detection projector



Quality Assurance

PQC



OQC



Video Tester



X-Ray Detector



Laboratory



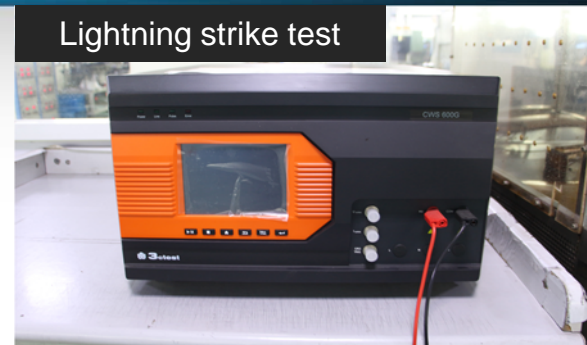
Reliable Laboratory



Laboratory

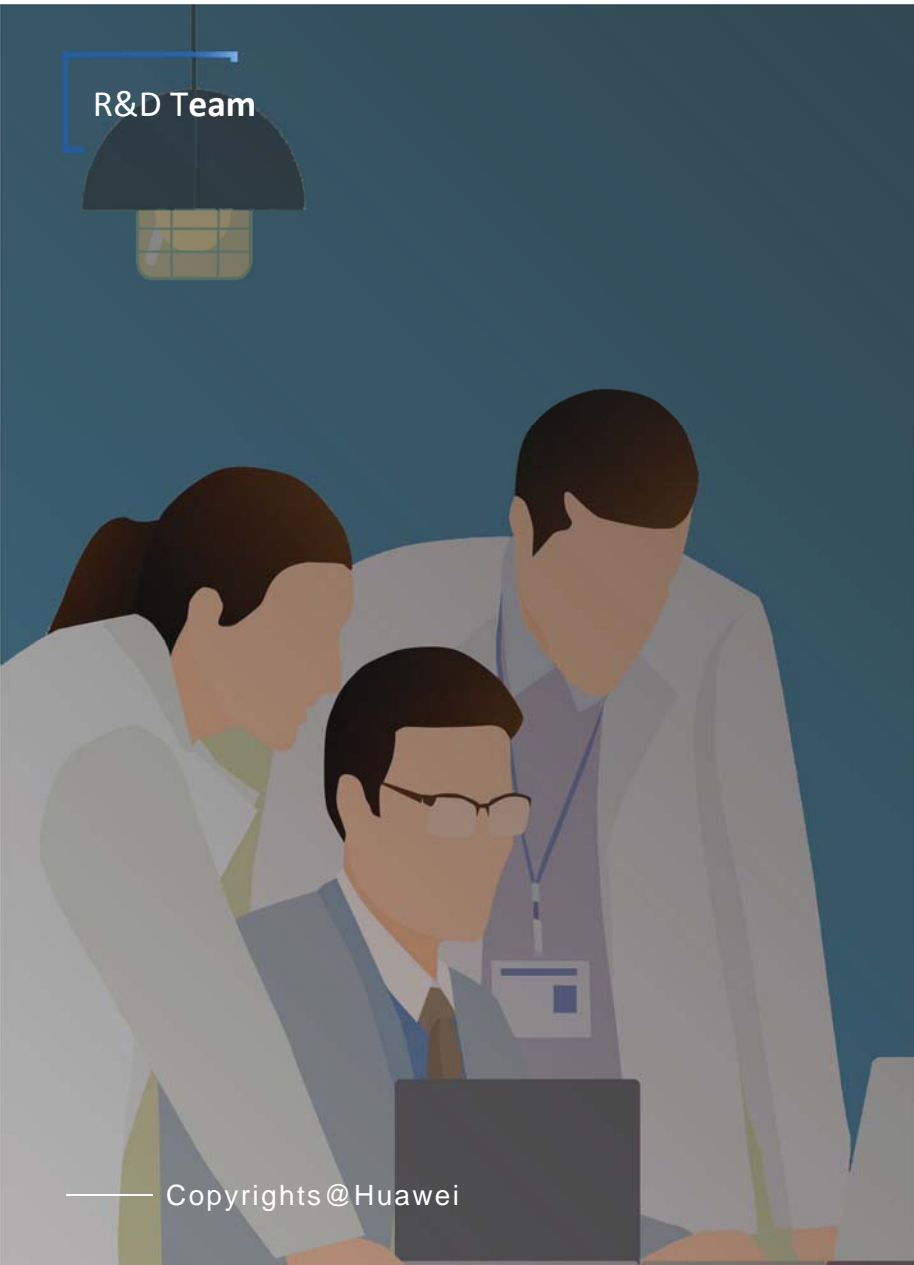


Applied Laboratory



PART 4 Research & Development

R&D Team



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Full time R&D Team

More than 50 R&D staffs

Among them, 2 doctors and 8 masters



Partner institutions



SEU



Yangzhou University



UESTC



Changzhou University



Professional research institution

China Fifth Institute of Electronics

Jiangsu Electronic Products Research Institute

Chang[®]

Engineering Technology Research Center



Established Jiangsu
Enterprise
Technology Center

2006



Established Jiangsu Province
New Aluminum Electrolytic
Capacitor Engineering
Technology Research Center

2010



Approved the establishment
of a national post-doctoral
research station

2015



Established Huawei Research
Institute,
7 doctors at the station

2016



Passed the review of
high-tech enterprises
in Jiangsu province

2017



Polymer Cap



- High V : 250 V
- Hybrid : Vibration resistance and low leakage
- High polymer: high frequency low resistance

Lead Cap



- Flat : $\Phi 10 \times 8$ mm
- Slim : $\Phi 8 \times 60$ mm
- High V : 700 V
- Long life : 105°C 20000 h

Large Cap



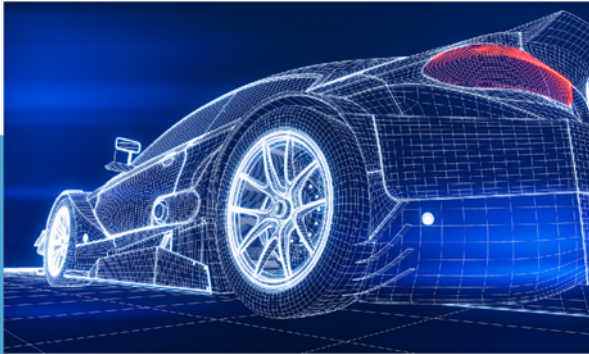
- Large capacity : 820000 μF
- Large Size : $\Phi 100 \times 230$ mm
- Long life : 105°C 10000 h
- Customization : Fool proof design

SMD Cap



- High V : 450 V
- Large capacity : 6800 μF
- High T : 125°C
- Automation : SMD Type

Application Field of New Products



Automotive Electronics

High stability
High temperature resist
Vibration resistance



Industrial Frequency Conversion

long life
High reliability



Consumer Electronics

Small shrinkage
SMD

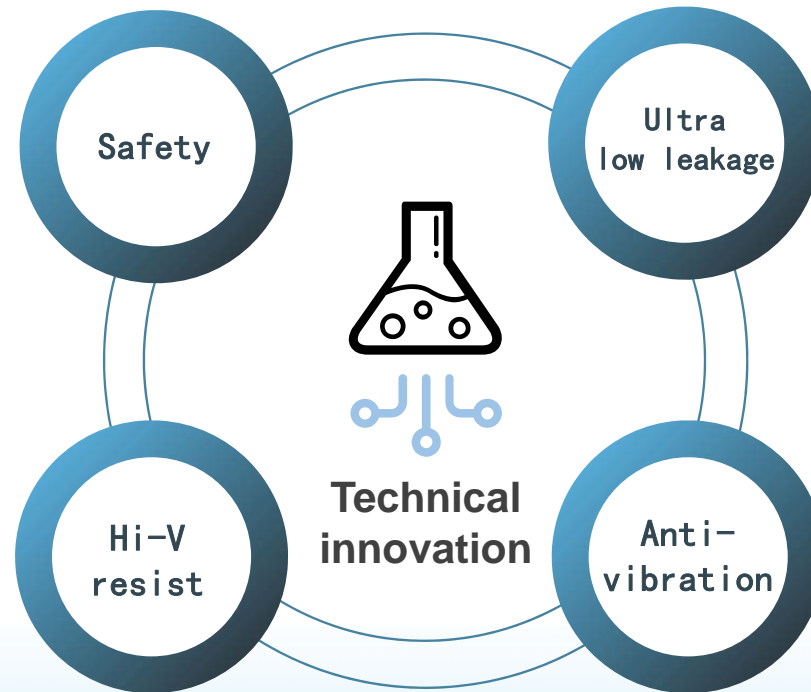


Lighting Electronics

High Voltage
SMD

Anti-Flaming safety design technology
High voltage radial products

Ultra high Voltage product development technology
Radial, Snap in, Screw type high voltage product



Polymer capacitor low leakage technology
EA leakage $\leq 0.1\text{CV}$,
max size 10*16mm

Anti-vibration design technology
Snap in type product

Process Innovation



Automation

Integrated manufacturing machine



Information

Data record
Traceability system



Visualization

CCD Sensor



Intelligent

Intelligent manufacturing
Monitoring equipment

PART 5 Certification & Honor

Independent Intellectual Property Rights



19 Utility model patents



13 invention patents



Quality System Certification



Integration System Certification



Authentication

Environmental safety system certification



Measurement system Certification



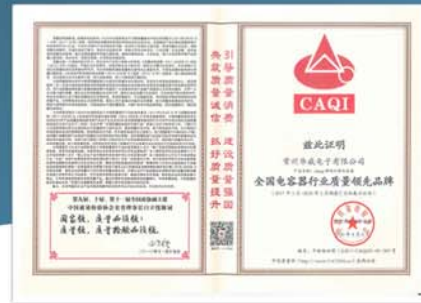
Product Certification



Honor



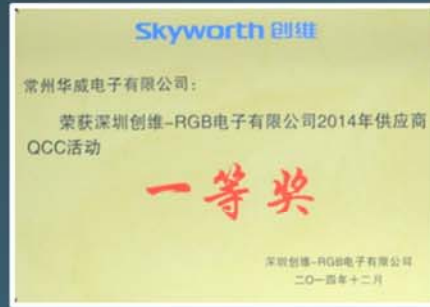
Honor



Honor



LG No.1 outstanding partner



Skyworth No.1 Prize Supplier



DX Electronics Best Supplier



Konka excellent supplier



LG Quality Excellence Award



Huntkey Efficient Delivery Award



Cultraview excellent supplier



Excellent TCL supplier for 7 consecutive years



THANK YOU