

股票代码：603678
www.torch.cn



Fujian Torch Electron Technology Co.,Ltd.



福建火炬电子科技股份有限公司
FUJIAN TORCH ELECTRON TECHNOLOGY CO.,LTD.



1

Torch Information

2

Products Series

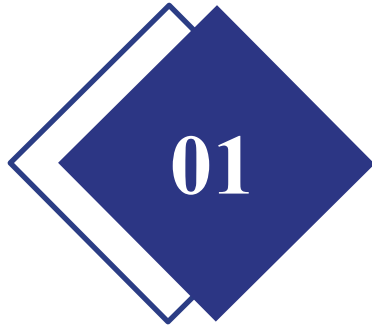
3

Qualification

4

Advantages





Torch Information



01 Basic Information



Founded in 1989

1634 employees

160,000 m²

4 production plants

7 production bases

Achievement

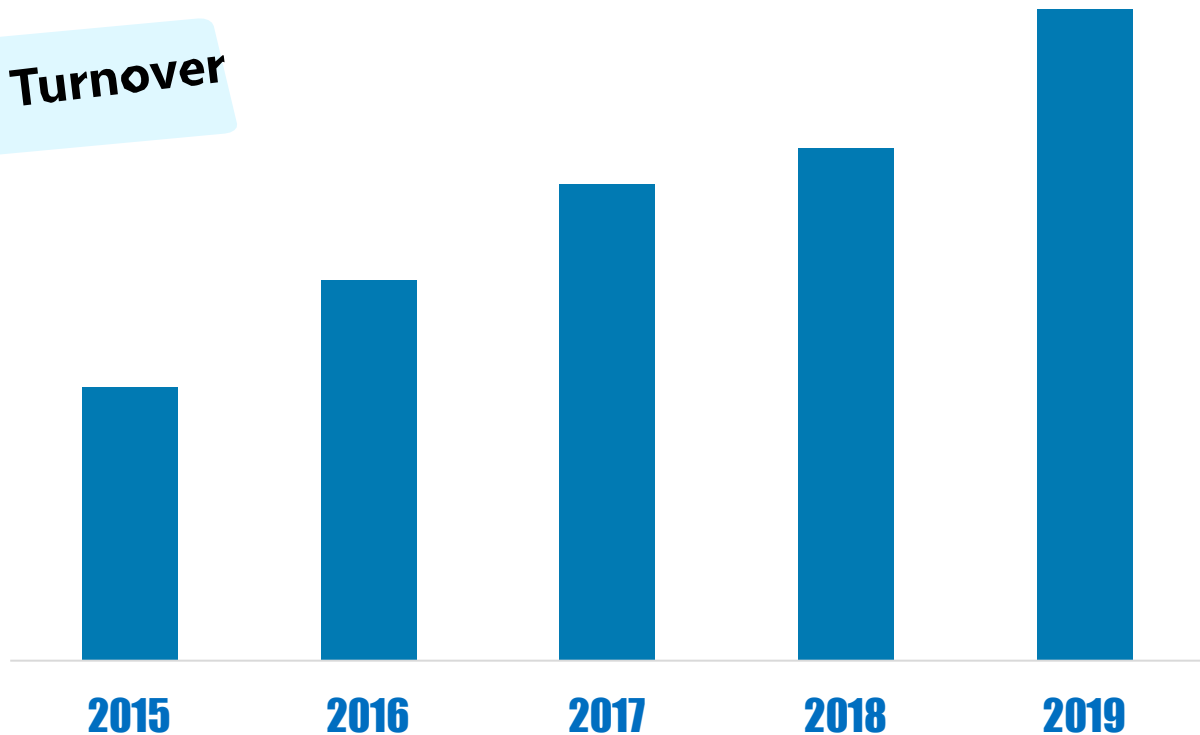
2019 Sales: RMB 2.57 billion

(USD372 million)



01 Annual Turnover

Unit: Billion(RMB)



01 Highlight Moments

Listed Company

Torch Electron was successfully listed on the main board of Shanghai Stock Exchange in 2015.



01 Highlight Moments

Shanghai Functional Center

Torch Electron Shanghai Functional Center was officially opened in 2018, giving a tribute to the innovation and development of China's leading electronic components enterprises.



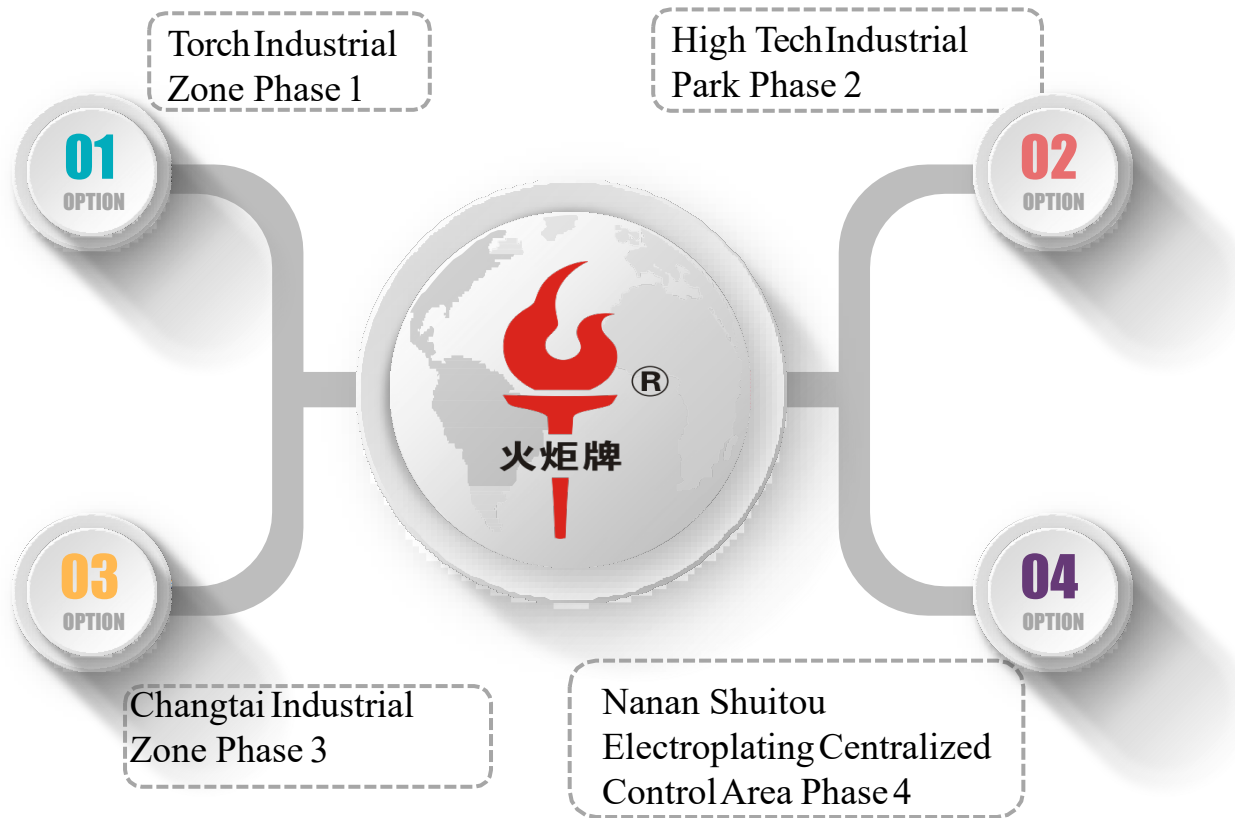
01 Highlight Moments

30th Anniversary Celebration

Torch Electron celebrated its 30th anniversary on Nov 19, 2018 with the theme of "Inheriting 30-year Glory and Creating a Century-old Torch".



01 Production Bases



01 Production Bases



Plant 1
In 1989



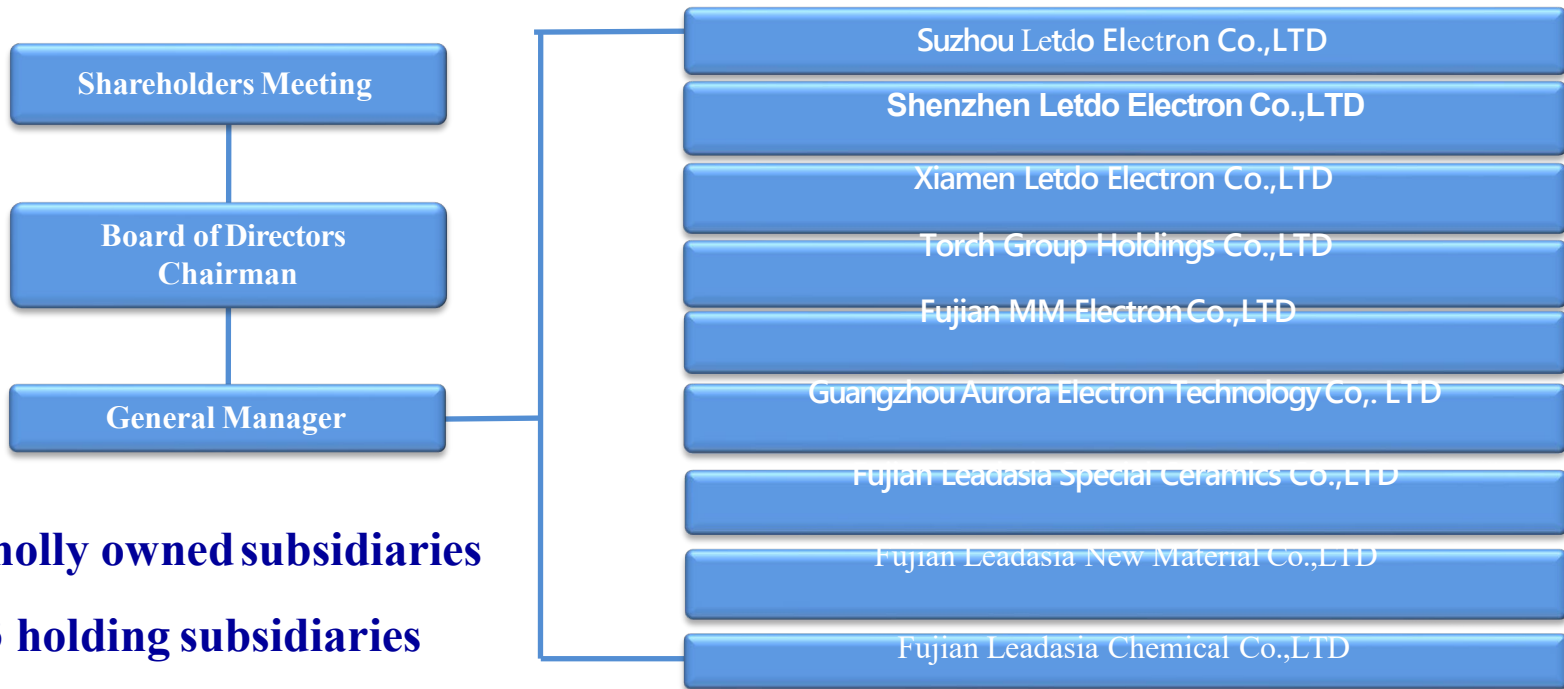
Plant 2
In 2008



Plant 3
In 2017



01 Organization Chart



01 Company Cultures





Products



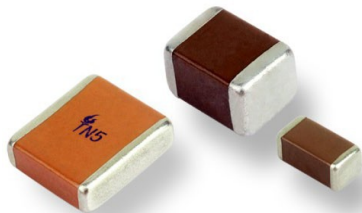
02 Products



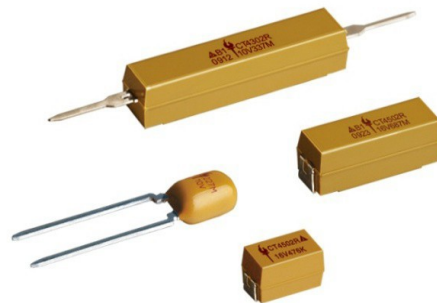
- **Main product 1:** Multilayer ceramic capacitors
- **Three series:** Radial leads, Chip, Multi core products (including support)
- **Brand:** Torch



Radial leads
ceramic capacitors



Multilayer ceramic
chip capacitors



Molded surface mount ceramic
capacitor assemblies

02 Products



- **Main product 2:** Tantalum capacitors
- **Five series:** Showing as below
- **Brand:** Torch



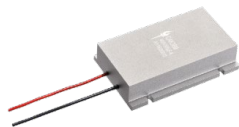
High-molecule tantalum
chip capacitor
(CAK55/CA55)



High-energy composite
tantalum capacitor
(CAK36/THC)



Air-tight tantalum capacitor
(CAK38/CAK39)



Combination high-energy composite
tantalum capacitor
(CAK36M)

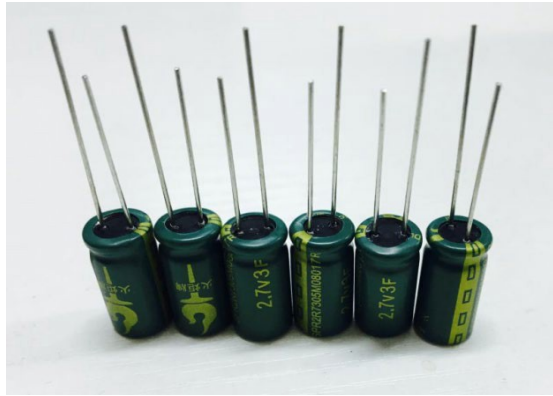


Solid electrolysis
niobium oxide chip
capacitor
(CAK45)

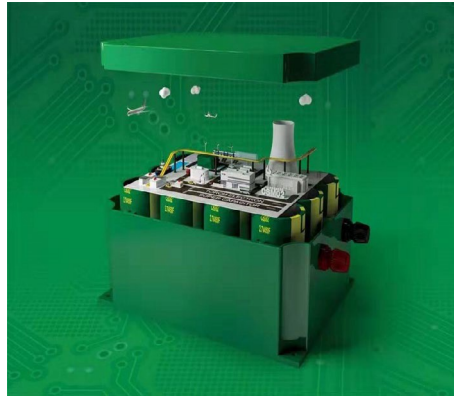
02 Products



- **Main product 3:** Super capacitors
- **Two series:** Super capacitor unit, Super capacitormodule
- **Brand:** Torch



Super Capacitor Unit



Super Capacitor Module

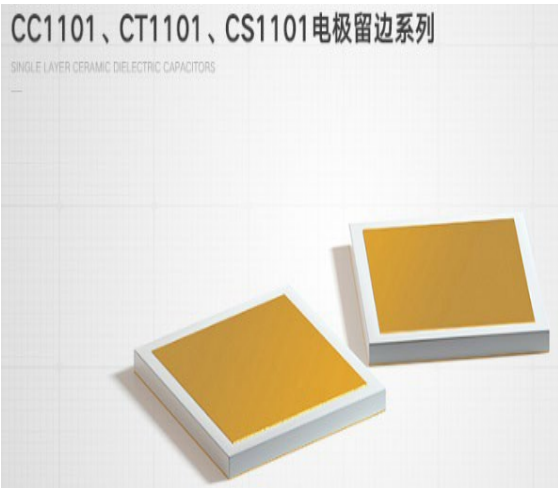


02 Products

- **Main product 4:** Single Layer Ceramic Dielectric capacitors
- **Five series:** Showing as below

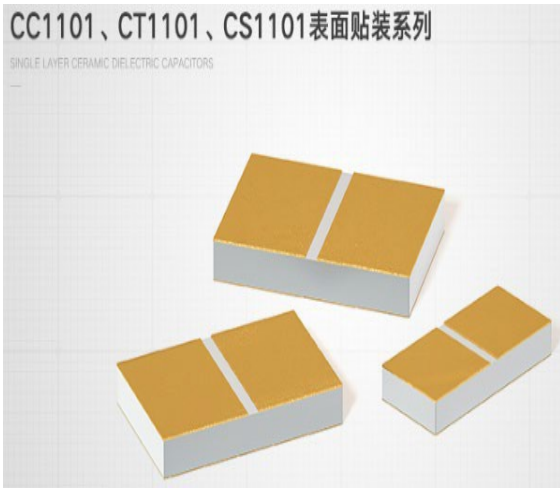
CC1101、CT1101、CS1101电极留边系列

SINGLE LAYER CERAMIC DIELECTRIC CAPACITORS



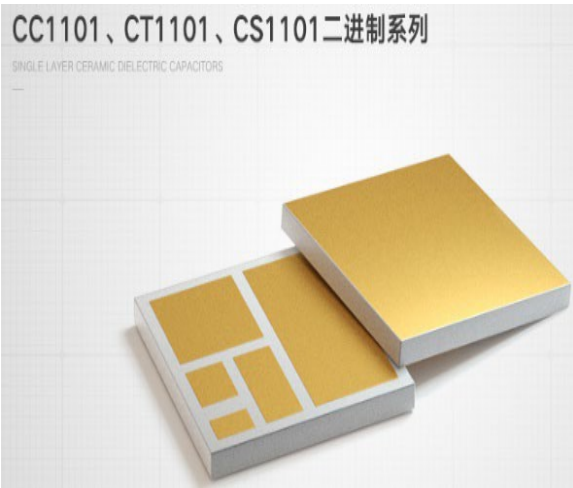
CC1101、CT1101、CS1101表面贴装系列

SINGLE LAYER CERAMIC DIELECTRIC CAPACITORS



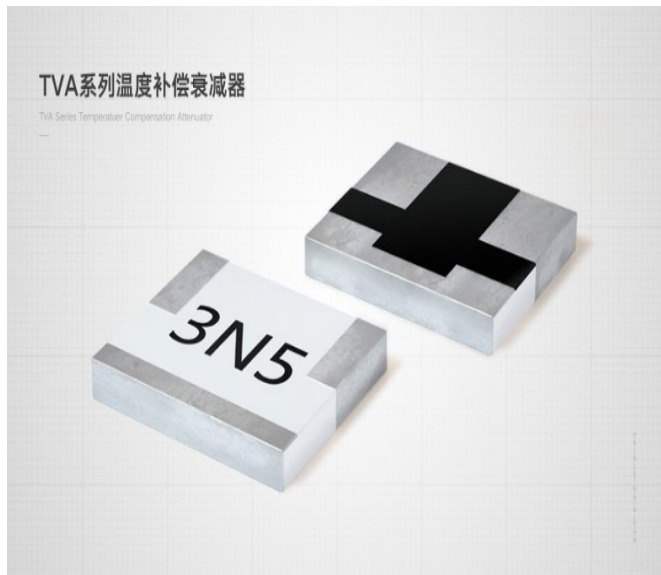
CC1101、CT1101、CS1101二进制系列

SINGLE LAYER CERAMIC DIELECTRIC CAPACITORS

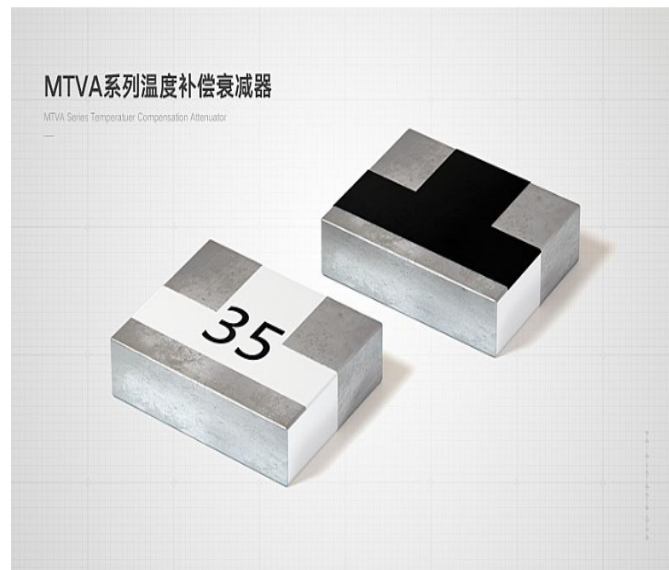


02 Products

- **Main product 5** : Temperature compensators
- **Two series** : TVAseries, MTVAseries



TVAseries



MTVAseries

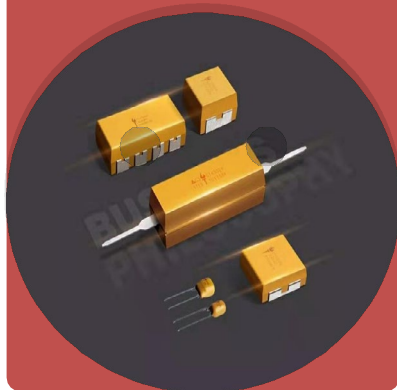
02 Products

Including capacitors, Torch is also committed to develop materials and equipment on the basis of innovation.

Dielectric ceramic
material



Special capacitor



Product
diversification



Professional equipment
manufacturing



02 Customers- IndustrialCustomers

Goertek®

TPV

EAT•N
Powering Business Worldwide

NARI
南京南瑞科技股份有限公司
NARI Technology Development Co., Ltd.

STAR-NET
星网锐捷

FiberHome
烽火通信

WINGTECH
PROFESSIONAL SOLUTIONS

中国中车
CRRC

HIKVISION
海康威视



SK





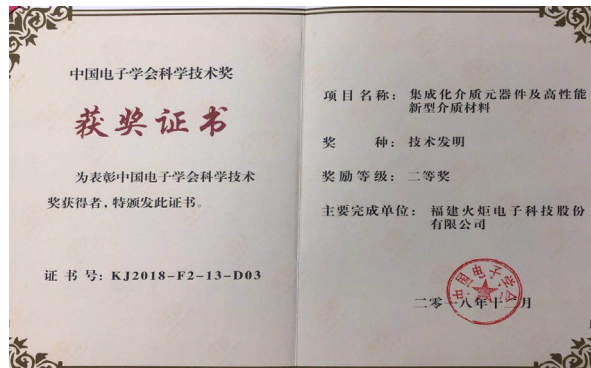
Qualification



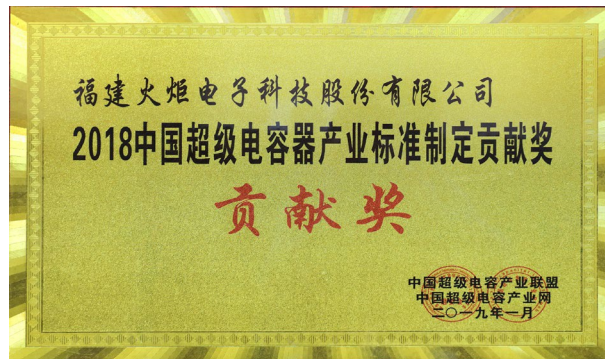
03 Certificates



03 Honors



Science and Technology Award of
China Electronics Society



Contribution Award of China Super
Capacitor Industry Standard Making



Guangzhou Haige Communication
Excellent Supplier in 2018



03 Honors

Ranked No.64 in China's top 100 electronic components Enterprises in 2019.

总排名	企业名称	2018年主营业务收入(千元)	主营电子元件产品
61	瀛通通讯股份有限公司	898,902	电子线材、线缆组件 电声器件
62	苏州华之杰电讯股份有限公司	674,879	连接器、开关按钮
63	深圳市京泉华科技股份有限公司	1,143,640	电子变压器
64	福建火炬电子科技股份有限公司	520,959	多层片式陶瓷电容器
65	珠海蓉胜超微线材有限公司	925,302	电磁线
66	北京元六鸿远电子科技股份有限公司	920,300	多层瓷介电容器

技术创新		
企业名称	品牌强度	品牌价值(亿元)
威海威高血液净化制品有限公司	649	10.60
内蒙古双欣环保材料股份有限公司	488	10.22
天津金牛电源材料有限责任公司	702	10.22
烟台中宠食品股份有限公司	665	9.92
福建火炬电子科技股份有限公司	745	9.84
威海鸿通管材股份有限公司	693	9.80
大洋泊车股份有限公司	628	9.53
北京金色农华种业科技股份有限公司	690	9.35
中昊晨光化工研究院有限公司	827	8.98

2019 China Brand Equity Evaluation Information List--
Technology Innovation

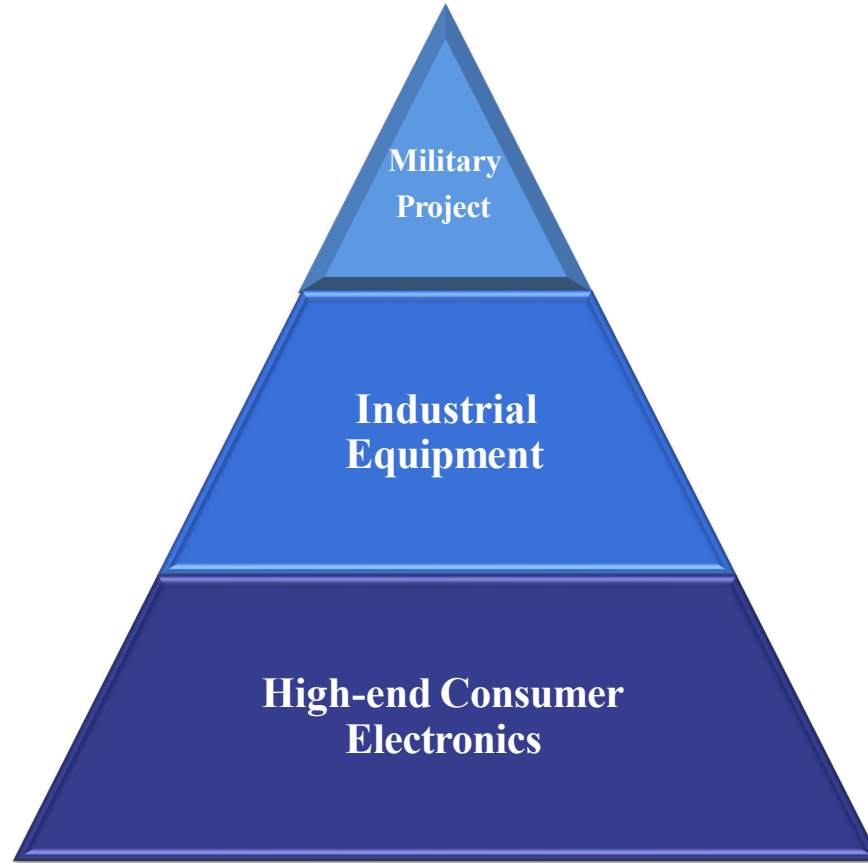




Advantages



04 Market Positioning



Three markets positioning:

- **Military project:**
Spaceflight, Aviation, Nuclear Industry,
Weapon, Shipbuilding Industry,
Electronic Countermeasures;
- **Industrial equipment:**
Medical Electronic Device, Instrument,
Industrial Mechatronics, Power Supply,
Automotive Electronics, etc;
- **High-end consumer electronics:**
Video Device, Television, Digital Camera,
Mobile Phone, etc.



04 Technical Advantages

30 years experience of capacitors R&D and manufacturing.

122 patents, including 34 invention patents, 7 appearance patents, 81 utility models, and 37 patents under application



Imported equipment, technology and talents

Technology expansion, product diversification and development of key materials for capacitors



04 Professional Ability

Research on Reliability
Analysis Technology



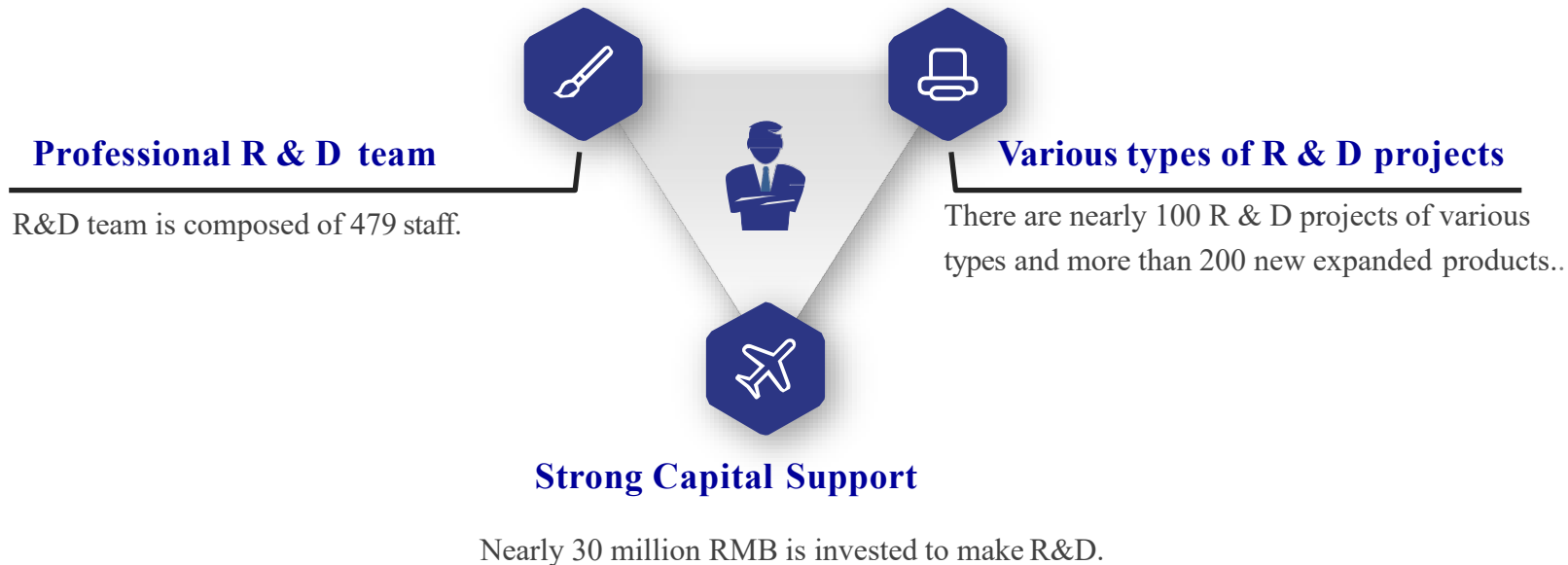
Research on Failure Analysis
Technology

Research on Application
Technology

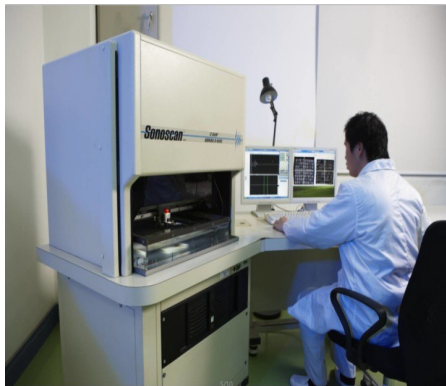
Draft MLCC Major Industry
Standards



04 R&D Capability



04 Quality Control-State-level Lab



CNAS laboratory

A state-level laboratory with near 50 professional inspectors

Advanced Testing Equipments

More than 640 sets of testing equipments, including ultrasonic scanning microscope, DPA grinding and polishing machine, electron scanning microscope, X-ray scanner

Strong Testing Capability

About 50 million capacitors are tested and screened every month.

Undertaken projects

Independently complete the test items specified in national or industrial standards, without outsourcing. And offer service for more than 100 users.



04 Quality Control-Manufacturing Process



People

Strict training for the staff according to their different duties.



Environment

Control the environmental temperature according to standards.



Machine

Regular identification, calibration, maintenance and spot check



Material

Qualified by incoming inspection and meet the requirements of storage life

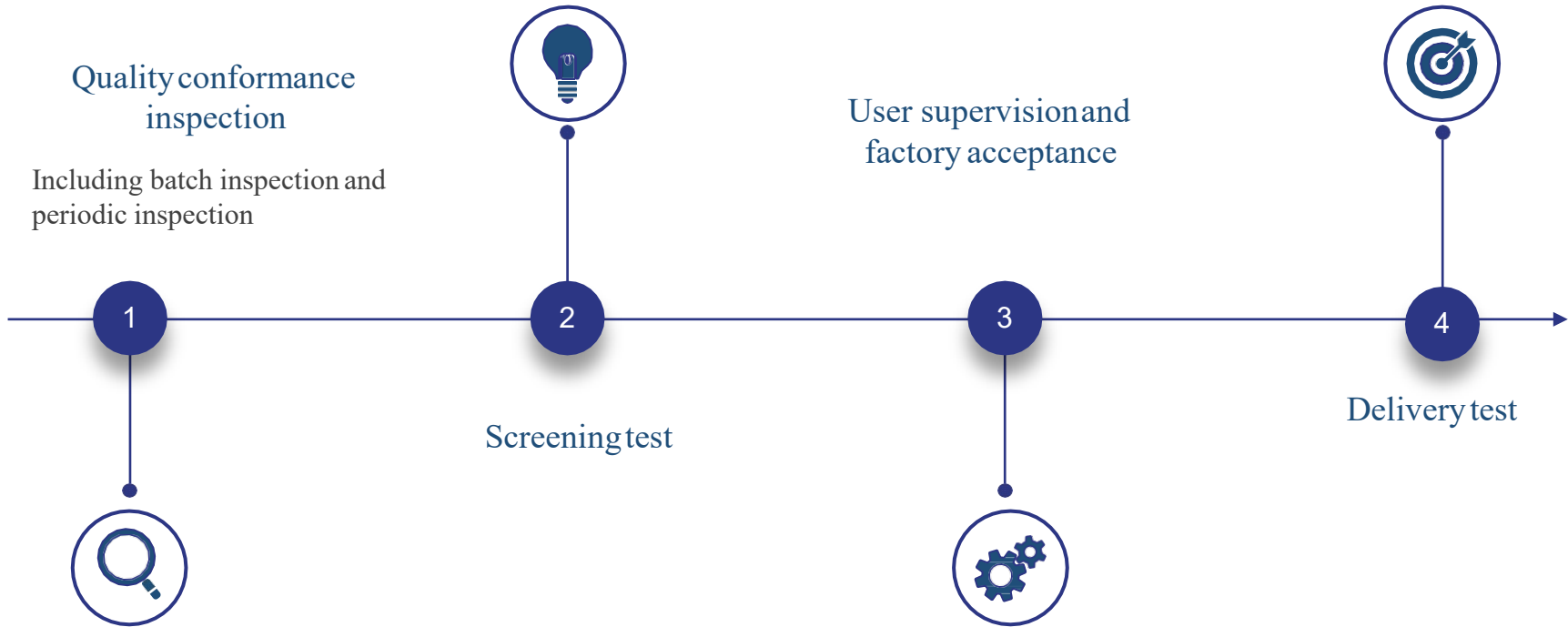


Test

First article self inspection, special inspection, process inspection, internal control standard, statistical process analysis, key/special process control



04 Quality Control-InternalControl



04 Services



Service capability

Torch has branch company and office in Beijing & Xi'an, several offices in Shanghai, Hongkong, Guangzhou Shenzhen, Chengdu, Wuhan, Luoyang to offer pre-sales or after-sales services for customers around China.



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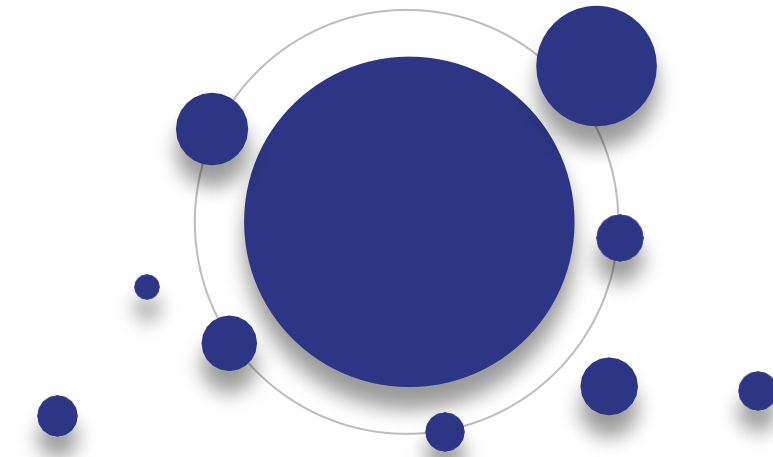
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Thank You !

