火炬电子
TORCH ELECTRON

Ceramic Capacitors

Semiconductor
Distribution

PRODUCT CATALOGUE

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Nuvonix
By Rebound

ABOUT US

INTRODUCTION

Established in 1989, Fujian Torch Electron Technology Co., Ltd. is headquartered at the starting point of the Maritime Silk Road in the city of Quanzhou, nestled within the Fujian province of China. Our state-level high-technology enterprise develops electronic parts and components for extensive use across fields such as aviation, spaceflight, ship, communication, electric power, rail transit and new energy.

One of the first cohorts of Chinese enterprises to receive spaceflight level product certification, Torch Electron has worked with over 1,000 customers over the past 3 decades. The company has also since established good relations with esteemed global partners such as the State Grid Corporation of China, American-Irish company Eaton Corporation Plc, and Korea-based SK Holdings.

Since 2015, Torch Electron has been listed on the Shanghai Stock Exchange. As of 2020, the company has recorded an annual turnover of USD $567 million. With 4 factories in China, Torch Electron has over 2,000 employees across its 6 wholly-owned subsidiaries and 3 holding subsidiaries.

QUALITY ACCREDITATIONS AND APPROVALS

Achieved ISO9001 Quality Control System Certificate, ISO14001 Environmental Management System Certificate, ISO45001 Occupational Health and Safety Management System, CNAS: Qualified Lab by China National Accreditation Service for Conformity Assessment and the SA8000 Social Responsibility Management System Certificate. Torch also meets RoHS and REACH requirements, as well as International Automotive management system IATF16949:2016 with approvals (UL/VDE).

PRODUCT PORTFOLIOS

Ceramic Capacitor

Multilayer Ceramic Chip Capacitors

- Case Size: 0201 – 6575
- Capacitance Range: 0.5pF¬330UF
- Rated Voltage: 4V¬3kV
- Termination: Pure-tin, tin-lead, glided

Moulded Surface Mount Ceramic Capacitor

- Strong resistance to thermal/mechanical stress
- High reliability, ultra-low ESR, lower power dissipation
- Case Size: A, B, C, D & E
- Capacitance Range: 0.1uF¬330uF
- Rated Voltage: 6V¬500V

Pulse power Multilayer Ceramic Capacitor

- Extremely great energy release under high voltage discharge current up to 5,800A
- Case Size: 2225¬6878, Case R, U moulded
- Capacitance Range: 1000pf¬1.4uF
- Rated Voltage: 1,250V¬8,000V

Radial Leads Capacitor

Radial Leads Ceramic Capacitor

- Capacitance ranging: 0.5pF to 0.33µF Voltage ratings: 25V – 3kV
- Operating temperature: -55°C to +125°C
- Lead-free terminations, RoHS and Reach Compliant

Radial Leads Ceramic Capacitor X7R Dielectric

- Series CT4G. V
- Voltage rating of 4V – 3kV
- RoHS and Reach Compliant

Tantalum Capacitor

Solid Electrolysis Tantalum Chip Capacitor (CA55)

- Extremely low ESR
- Low leakage
- High frequency capacitance retention
- Tantalum Chip A – F

Polymer Chip Tantalum Capacitors

- Suitable for DC or surface mounting of high-end products and equipment with high reliability requirements such as aerospace, aviation, weapons, satellites, radar and so on.

Hermetically Sealed High Energy Tantalum Capacitor

- High energy and very high capacitance design
- Hermetic seal, long service life
- Capacitance Range: 100uF¬300,000uF
- Rated Voltage: 10V¬150V

High Energy Hybrid Tantalum Capacitor

- Flange, tantalum case, hermetically sealed Radial lead with screws, easy for fix.
- Standard tolerance ±20% (±10% available upon request)

Super Capacitor EDLC

Automotive Super Capacitor 2.7 V

- Stud mount options available
- Rated Voltage: 2.7V Long cycle life, low ESR
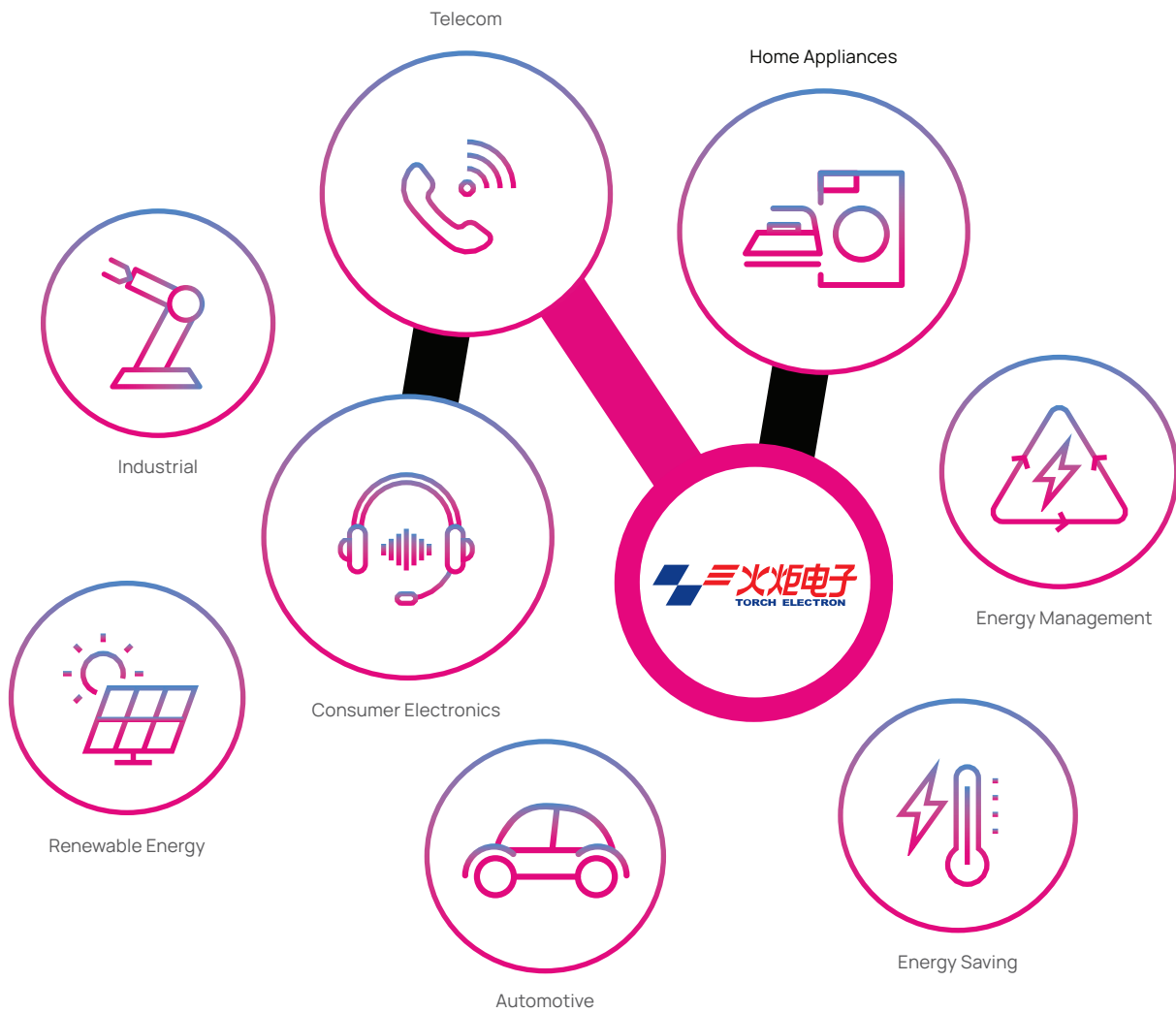- Suitable for quick charge and discharge

Supercapacitor and Ultracapacitor

- Voltage ratings of 16V – 60V
- Resistive cell balancing
- Large capacitance for high energy density
- Low ESR for high power density

APPLICATION AREA

Telecom

Home Appliances

Industrial

Consumer Electronics

火炬电子
TORCH ELECTRON

Energy Management

Renewable Energy

Automotive

Energy Saving

CUSTOMERS

dahua TECHNOLOGY	AOC EYES VALUE	Continental	中国中车 CRRC
EATON Powering Business Worldwide	FiberHome 烽火通信@光通信专家	invt	mi
NARI 国电南瑞科技股份有限公司 NARI Technology Development Co.,Ltd.	STATE GRID CORPORATION OF CHINA	ZTE中兴	