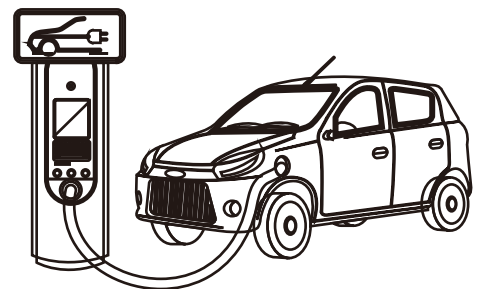
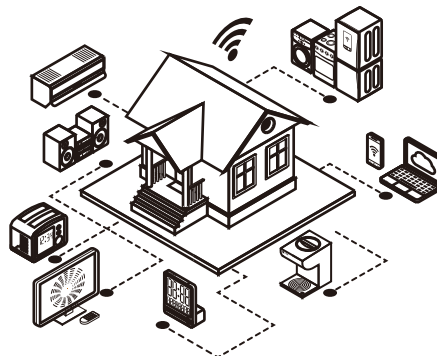


Su'scon

COMPANY PROFILE



Company Introduction

Established in 1978 by founder Mr. Johnson Su, Kuan Kun (Su'scon) has progressively evolved to access international markets through relentless research and development, recruiting high-tech talents, and acquiring technology for continuous improvement and innovation. This commitment to perpetual business operation has enabled Su'scon to offer comprehensive services to its customers.

Su'scon product has included various types of electrolytic capacitors, polymer solid capacitors, and hybrid solid capacitors, with a wide range of products. It is widely used in automotive electronics, industrial automation, and AI applications.

Su'scon possesses highly efficient automated production facilities, provides customers with high-quality products and satisfactory services, and supplies to the global market through its worldwide distribution network.

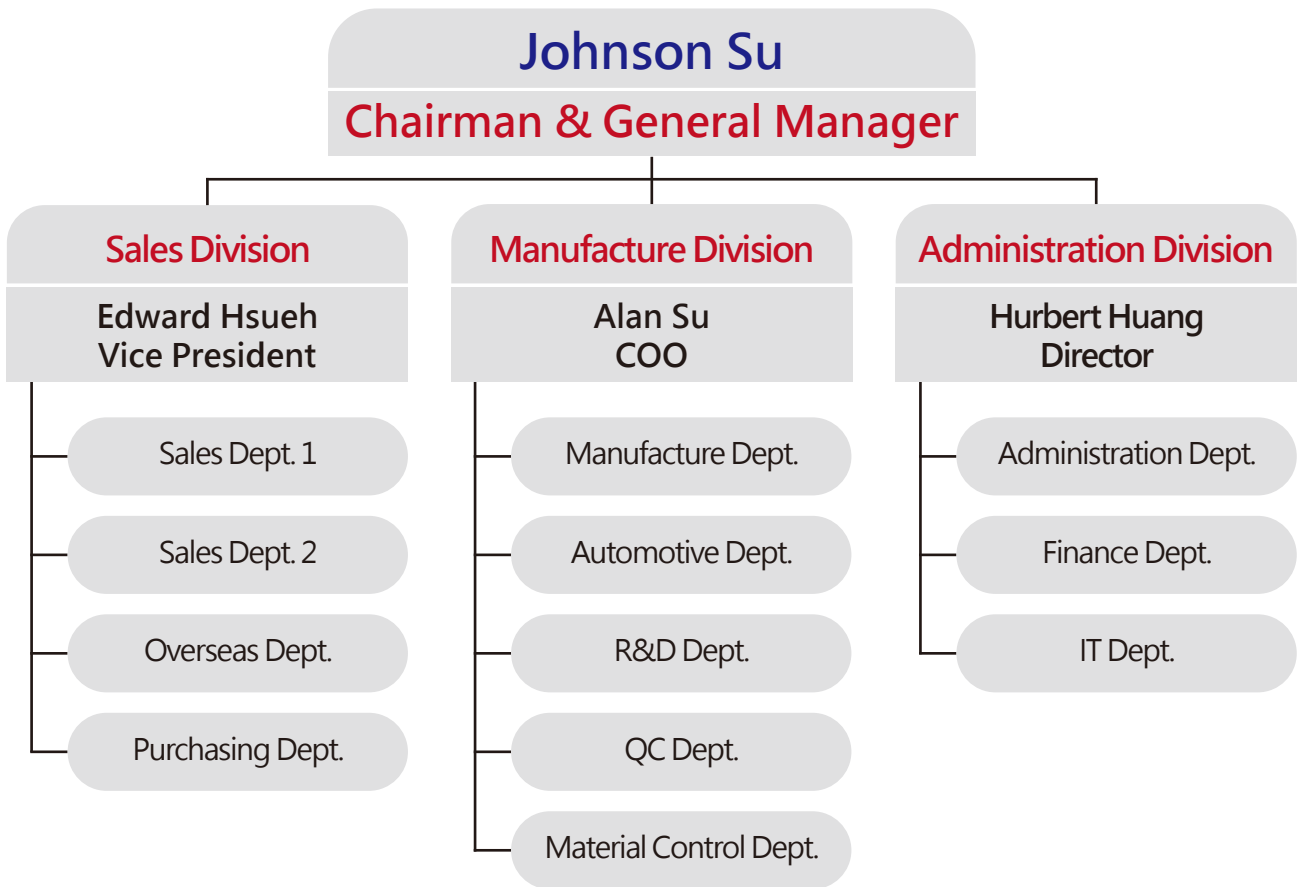


Johnson Su
Chairman & General Manager

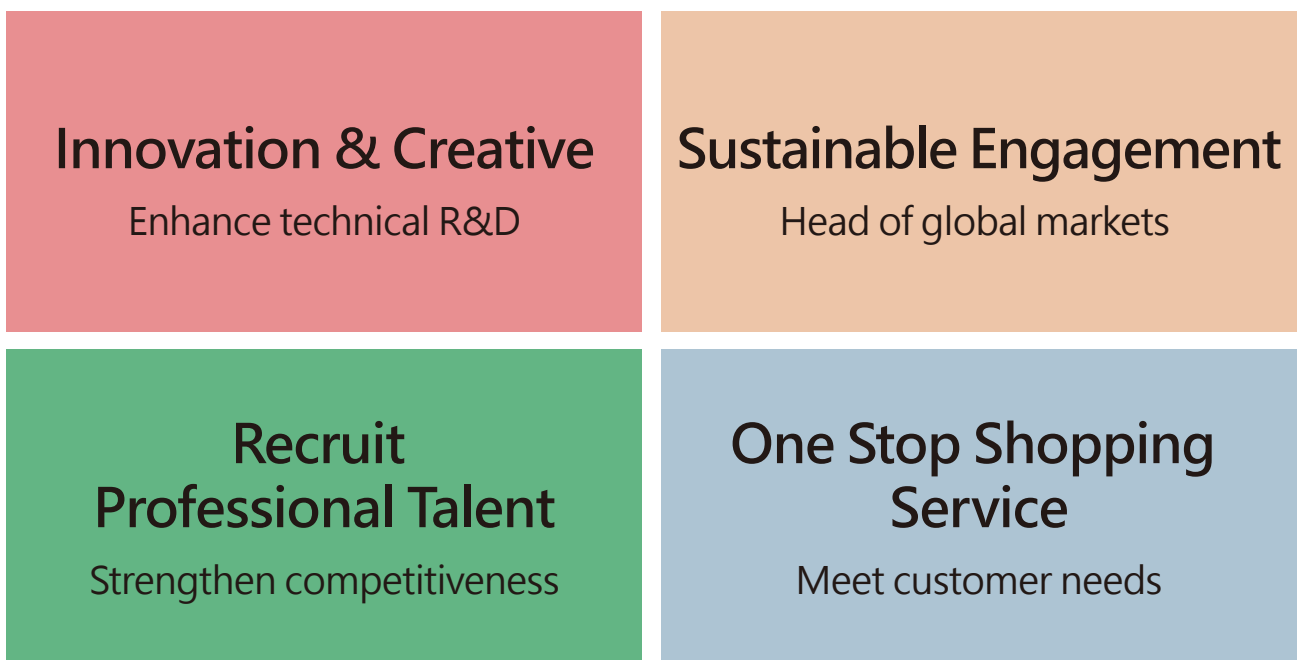
Milestone

- 2023 ● The laboratory was accredited by ISO/IEC 17025:2017 CNAS.
- 2021 ● Obtained a patent in Taiwan for Conductive Polymer Hybrid Capacitorscapacitors.
- 2020 ● Obtained a patent in Japan for Conductive Polymer Hybrid Capacitorscapacitors.
- 2016 ● Established an independent workshop for automated production in vehicles.
- 2014 ● Started mass production of Conductive Polymer Hybrid Capacitorscapacitors.
● Established the Dongguan Kuan Yi Suzhou Operations Center.
- 2010 ● Certified by ISO TS 16949.
- 2007 ● Began mass production of solid capacitors.
- 2006 ● Initiated mass production of surface-mount capacitors.
- 1999 ● The factory in China was relocated to Qingxi, Dongguan.
- 1994 ● Started mass production of Snap-in type and Screw type capacitors.
- 1993 ● The Dongguan (Humen) factory production line was put into operation.
- 1978 ● Kuan Kun Electronics was founded in Taiwan.**

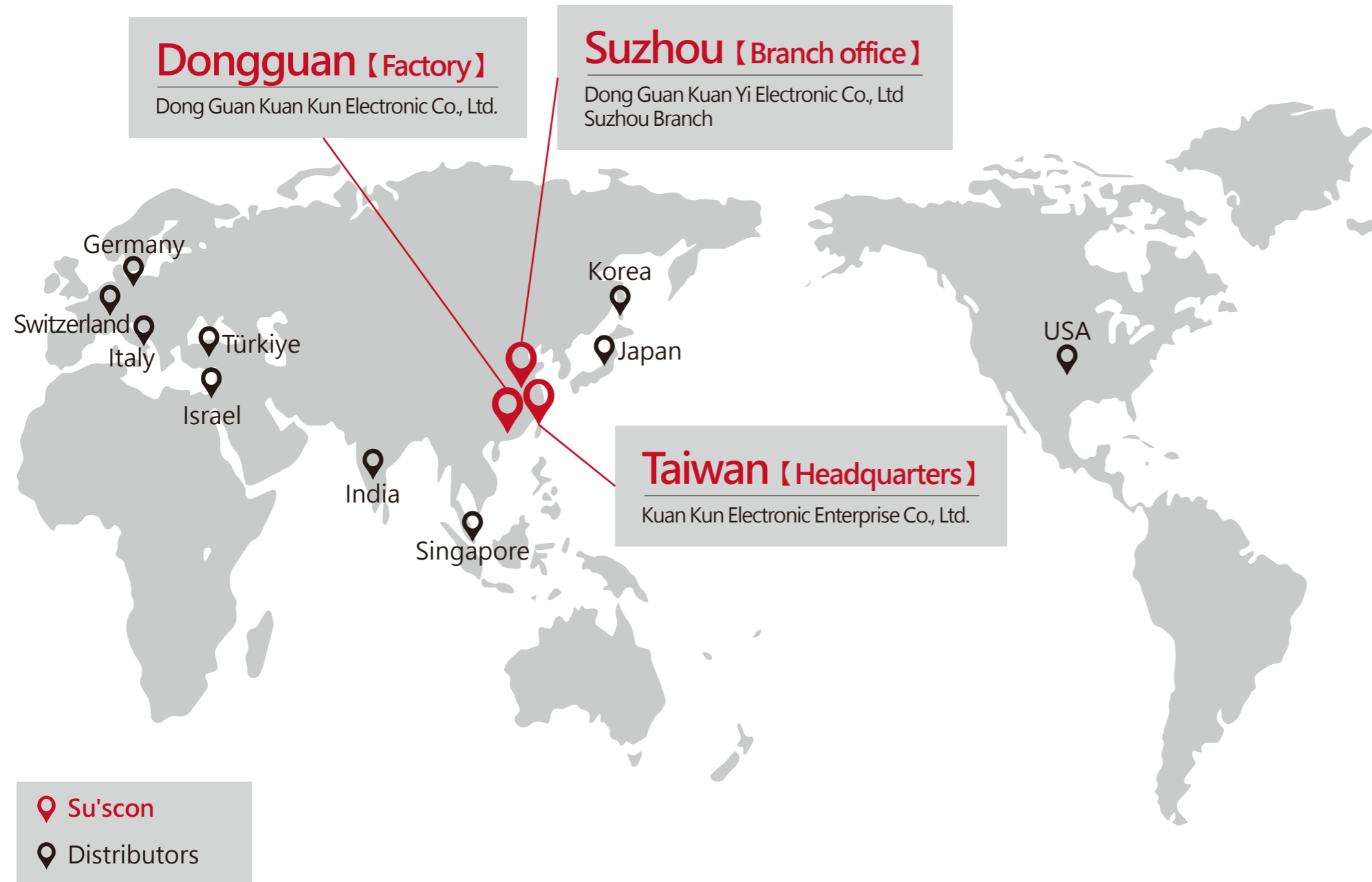
Organization Chart



Strategic Objectives



Global Bases



2023 Revenue

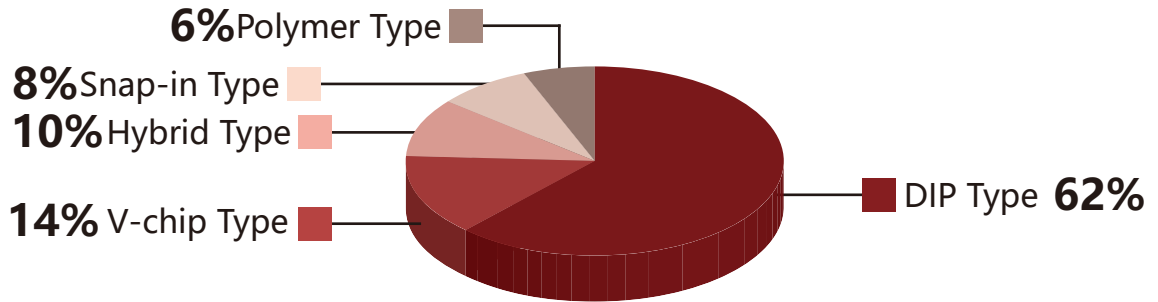


Strategic Planning for Revenue in the Next 3 Years

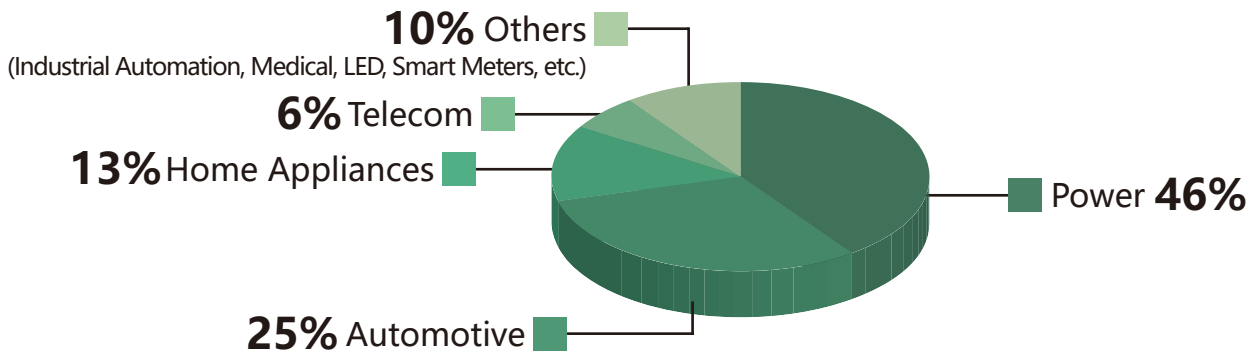


2023 Sales Revenue

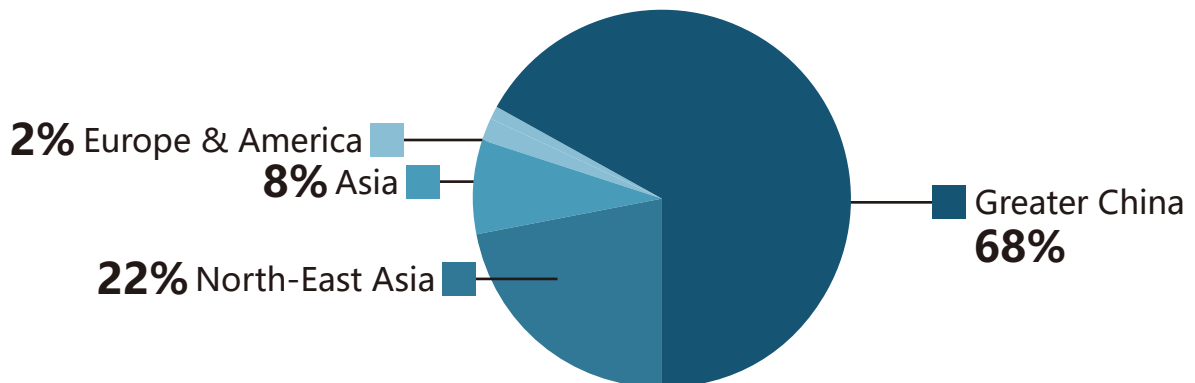
Product Proportion



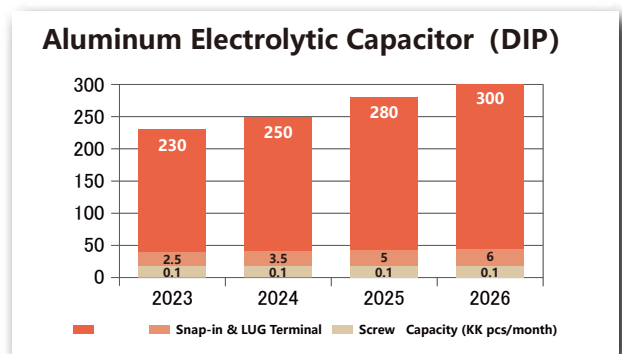
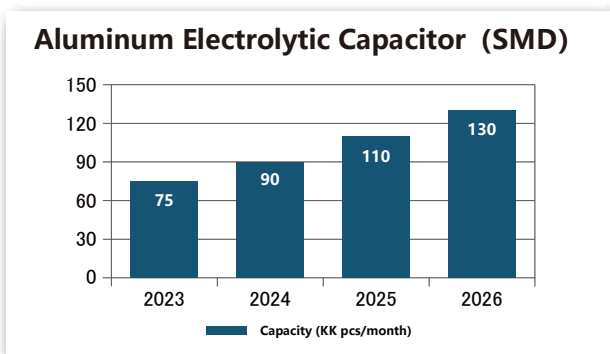
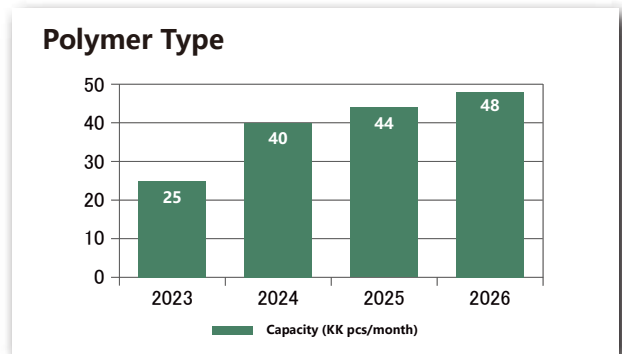
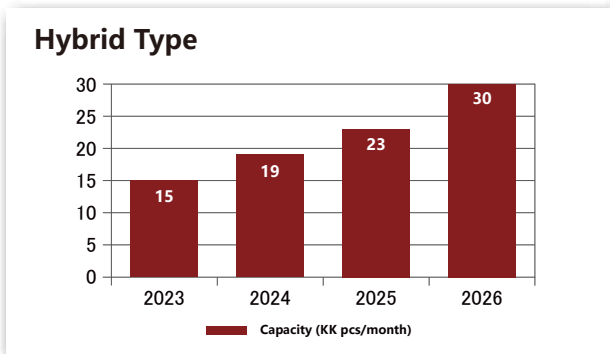
Industry Proportion



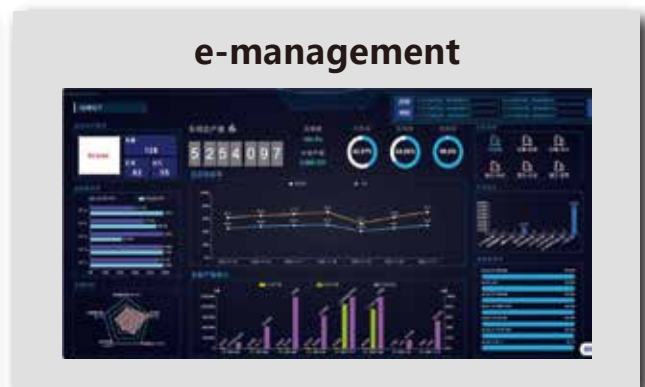
Regional Proportion



Productivity Planning



Manufacturing Process

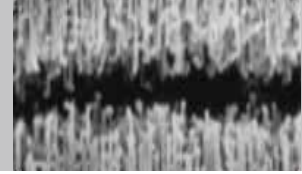


R&D Technological

Technical Advantages

New Material Development

Continuously develop new materials withstand high temperature, high pressure resistance, and high density material.



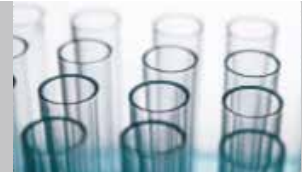
Design & Development

Forward-looking development to meet customers' product innovation and design needs.



Electrolyte Technology

Development of high-performance electrolytes to provide high-efficiency capacitors.



Automated Production

Automated production equipment to improve production efficiency and maintain consistent quality.



Patented Technologies Recognized Globally

- ◆ Conductive Polymer Hybrid Capacitors received patents in Japan, the United States, China, and Taiwan.
- ◆ Patent for vibration-resistant base plates for automotive electronic products obtained in China.



Quality Certification



IATF 16949: 2016



ISO 14001: 2015



ISO 9001: 2015



ISO 45001: 2018



IECQ QC 080000: 2017



ISO / IEC 17025: 2017
(CNAS No: L18429)

Major Raw Material Suppliers

<p>Electrolyte <i>Su'scon</i></p> <p>Independently researched, developed, and produced</p>	<p>Electrolytic Paper</p> <ul style="list-style-type: none"> · SPO · Tokyo Sangyo · KAN · RICON · CRRC · Denki Shoji · Asahi Kasei 	<p>Anode Foil (Low Voltage)</p> <ul style="list-style-type: none"> · Hua Feng · Haiyi · Full Cheer · Liton · Evercon 	<p>Anode Foil (High Voltage)</p> <ul style="list-style-type: none"> · Haixing · Jintai · Fengchuan 	<p>Cathode Foil</p> <ul style="list-style-type: none"> · AFT · Feilo
	<p>Lead Wire</p> <ul style="list-style-type: none"> · Nanming · Kinglife · Rihui · Nanping 	<p>Aluminum Case</p> <ul style="list-style-type: none"> · Ao Xing · Yuankang · Shihao · Xinhuahe · Lianyi · Xinlian 	<p>Sleeve (PET)</p> <ul style="list-style-type: none"> · Yun Lin · Bopu 	<p>Rubber Seal</p> <ul style="list-style-type: none"> · Sungnam · Yu Feng · Lian Hua Xin · Xianghe · Dian Chuang

Environmental Protection

<p>Sustainable Environment</p> <ul style="list-style-type: none"> ◆ International environment protection standard regulation compliance ◆ Company sustainable operation through ESG concept practice 	<p>Green Enterprise</p> <ul style="list-style-type: none"> ◆ Green environmental protection implementation ◆ Zero pollution execution by carbon reduction, resource recycling and reuse 
<p>Environmental Control</p> <ul style="list-style-type: none"> ◆ ISO 9001 and ISO 14001 environment management system certification. ◆ QC08000 hazardous substance process management. ◆ Environment protection implementation by industrial waste reduction and energy saving. 	<p>Green Environmental Products</p> <ul style="list-style-type: none"> ◆ Comply with RoHS, REACH, lead and Halogen free products control regulation ◆ Establish Environmental substance management measures and meet customer's requirements for sustainable environmental protection 

Products & Application

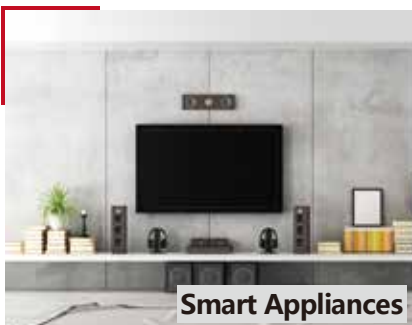
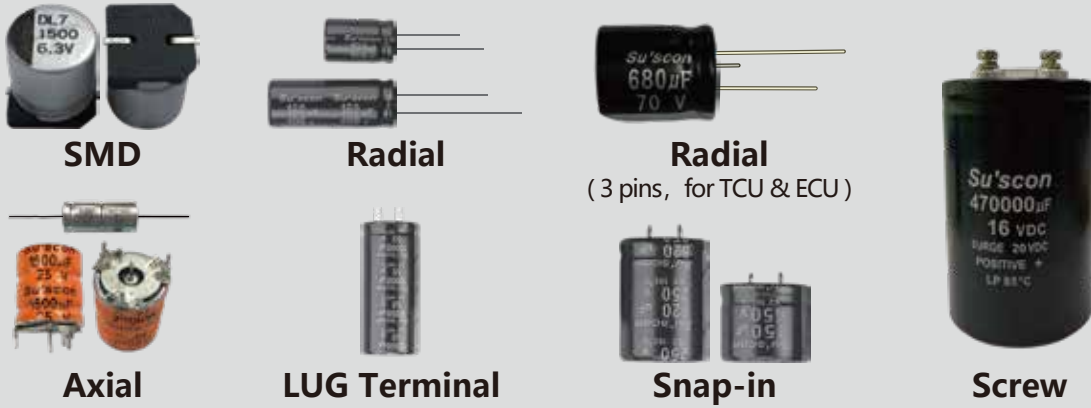
Hybrid Capacitor



Polymer Capacitor

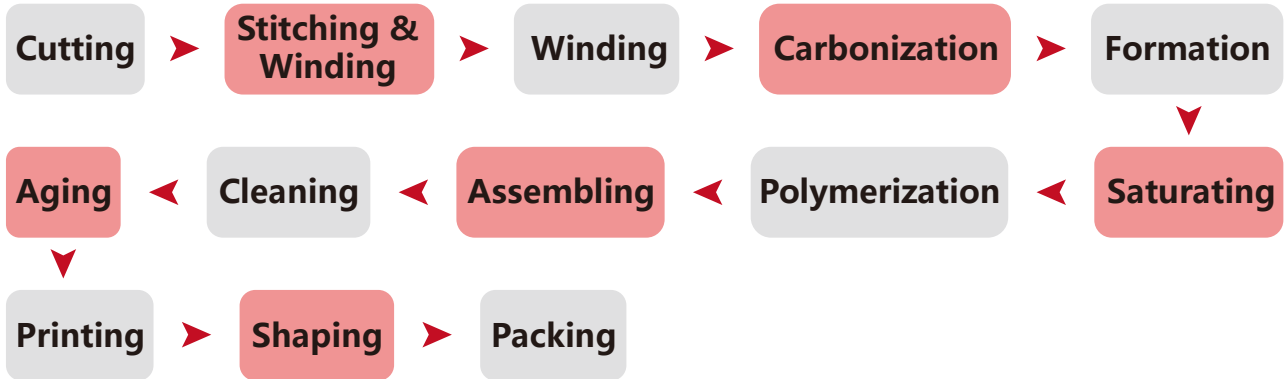


Aluminum Electrolytic Capacitor

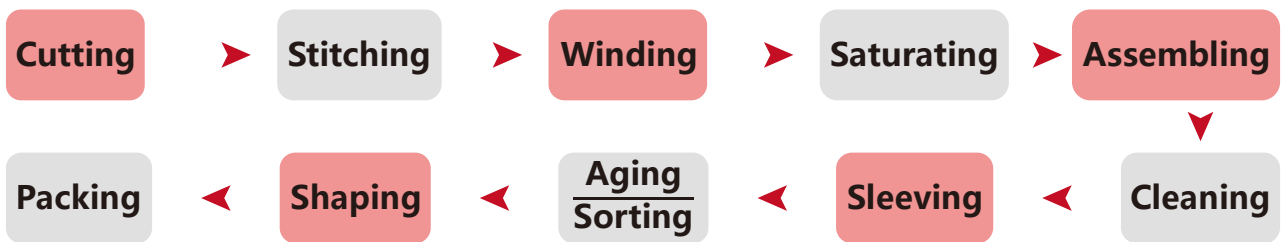


Production Flow Chart

Polymer Capacitor



Aluminum Electrolytic Capacitor



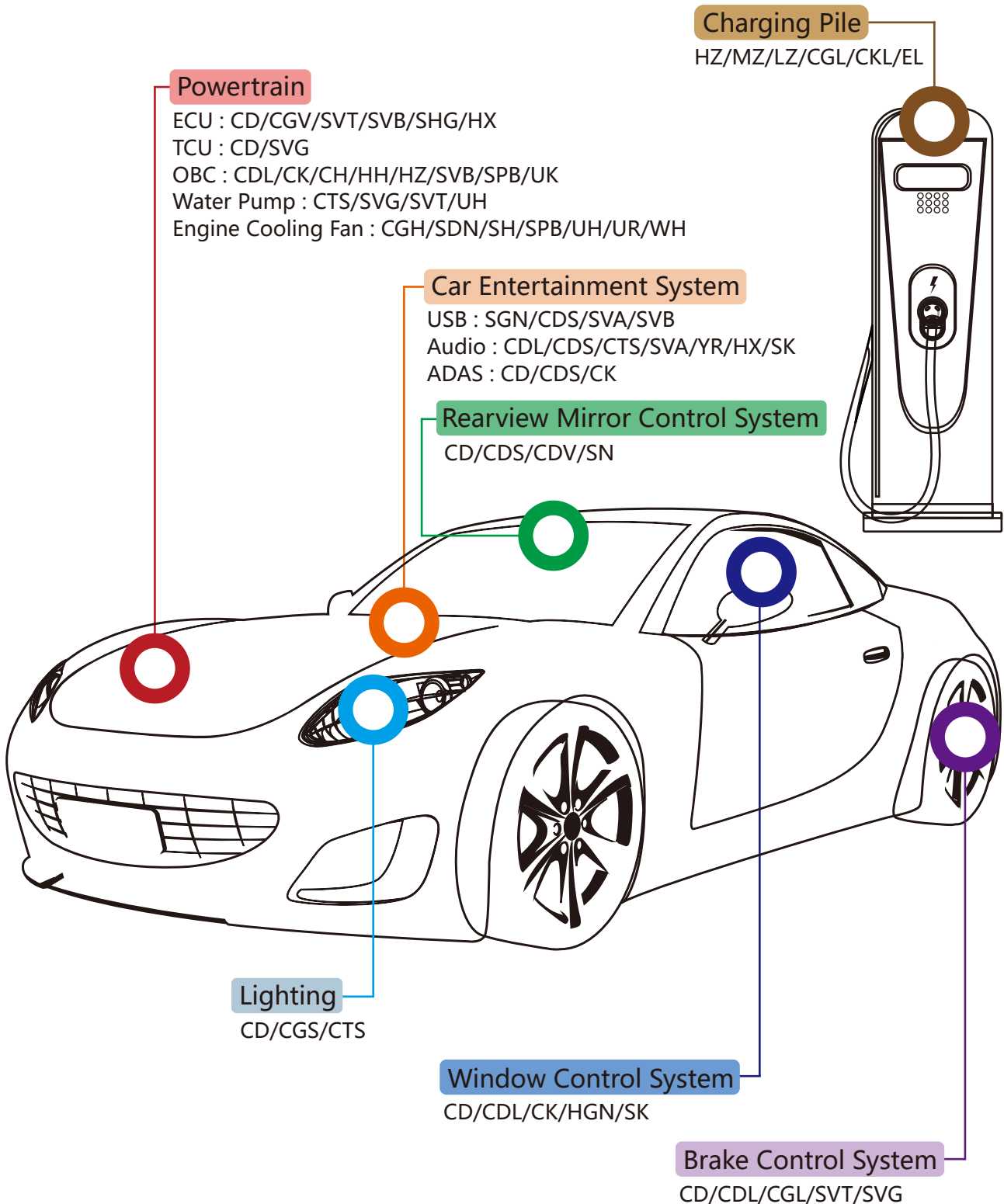
AEC-Q200 Reliability Test

- External Visual
- Physical Dimensions
- High Temperature Operating Life
- Terminal Strength (for axial & radial THT components)
- Terminal Strength (SMD)
- Vibration
- Board Flex (SMD)
- Mechanical Shock
- Humidity Bias
- Resistance to Solvents
- ESD
- Electrical Characterization
- Pre- and Post-Stress Electrical Test
- Surge Voltage
- Temperature Cycling
- High Temperature Exposure (Storage)
- Flammability
- Resistance to Soldering Heat
- Solderability



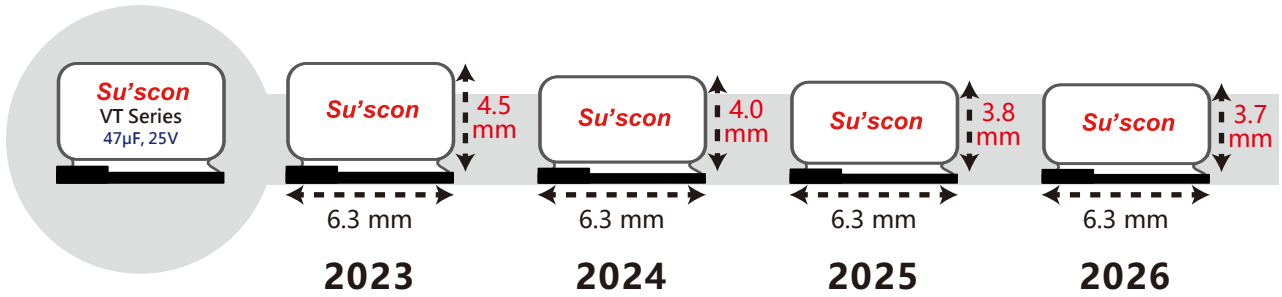
The laboratory is accredited by
ISO/IEC 17025:2017 CNAS,
CNAS No.L18429.

Automotive Applications

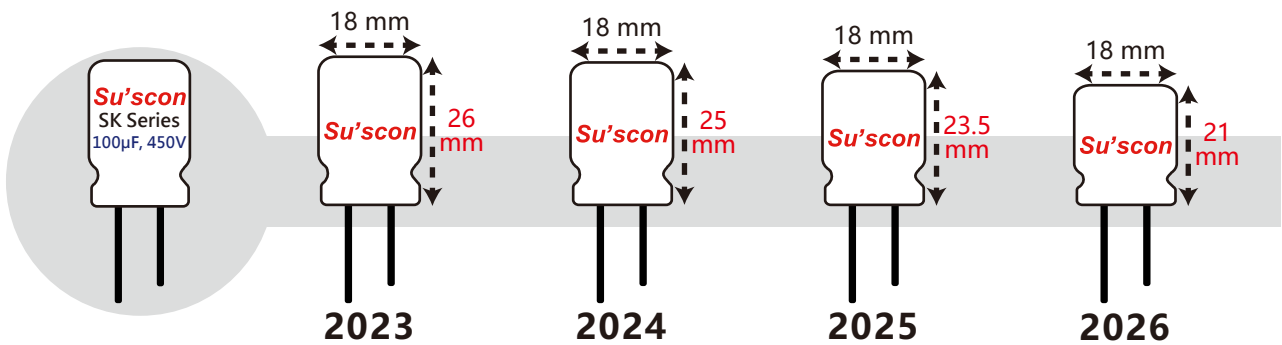


Product Miniaturization

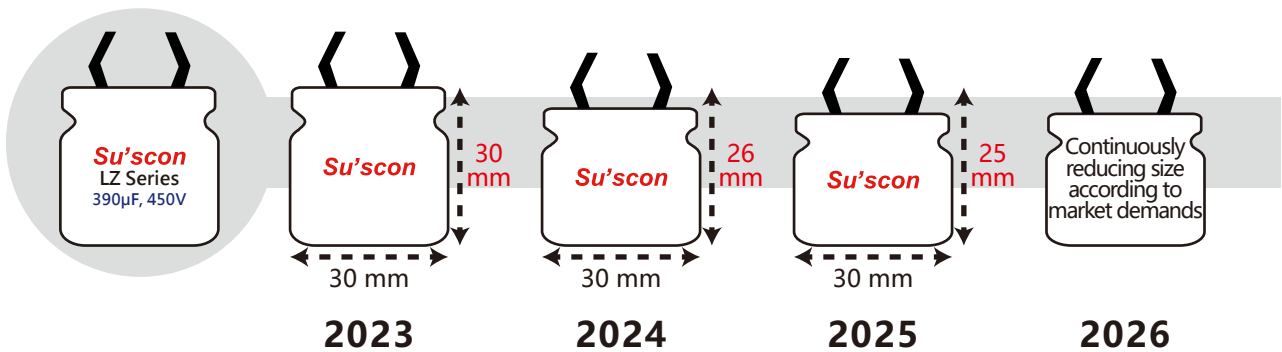
Polymer Capacitors - SMD Type



Aluminum Electrolytic Capacitors - Radial Type

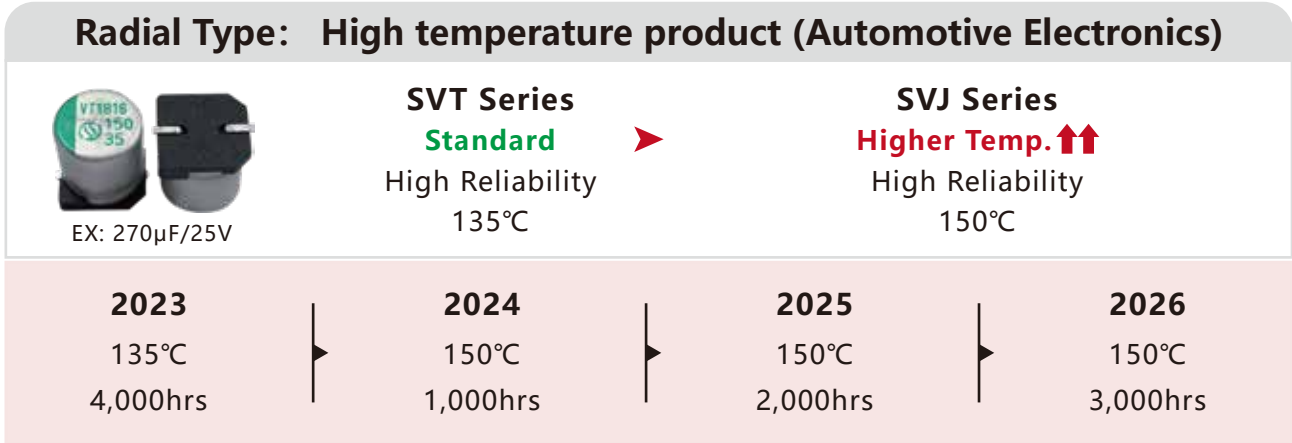


Aluminum Electrolytic Capacitors - Snap-in Type

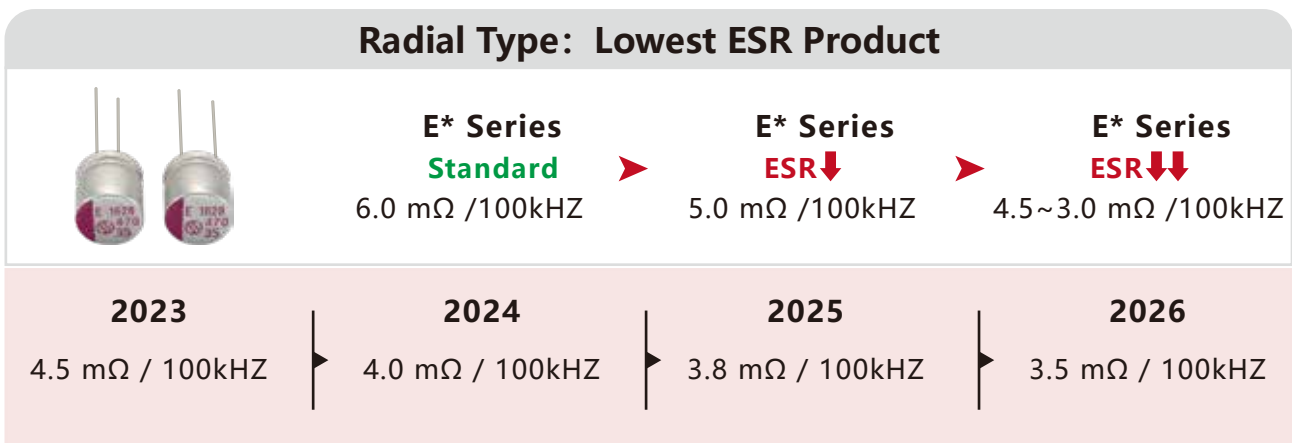
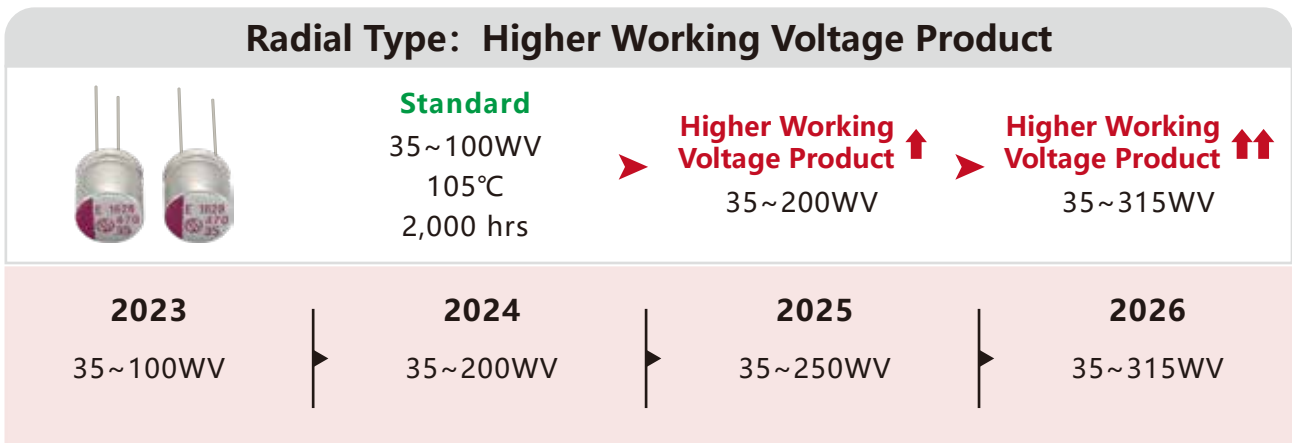


Road Map

Hybrid Capacitor




Polymer Capacitor



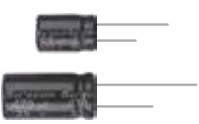
Road Map

Aluminum Electrolytic Capacitor

SMD Type: High Temperature Product (Automotive Electronics)

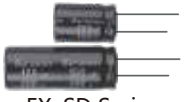
 EX: 270μF/25V	CGL Series Standard 125°C 2,000~3,000hrs	➤	CGH Series Higher Temp. ↑ 135°C 2,000~3,000hrs	➤	CBL Series Higher Temp. ↑↑ 150°C 1,000~3,000hrs	
2023 135°C 2,000hrs	➤	2024 150°C 1,000hrs	➤	2025 150°C 2,000hrs	➤	2026 150°C 3,000hrs

Radial Type: High Temperature Product

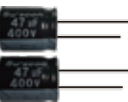
	UH Series Standard 130°C 3,000hrs	➤	UR Series Higher Temp. ↑ 135°C 3,000hrs	➤	WH Series Higher Temp. ↑↑ 150°C 3,000hrs	
2023 UR 135°C 3,000hrs	➤	2024 WH 150°C 1,000hrs	➤	2025 WH 150°C 2,000hrs	➤	2026 WH 150°C 3,000hrs

※ For detailed product information, please contact our sales department.

Radial Type: Higher Working Voltage, Lowest ESR Product

 EX: SD Series (150μF/400V, 18x35mm)	Standard Higher Working Voltage Lowest ESR	➤	ESR ↓	➤	ESR ↓↓	
2023 0.28 Ω / 100kHz	➤	2024 0.20 Ω / 100kHz	➤	2025 0.20Ω / 100kHz	➤	2026 0.18Ω / 100kHz

Radial Type: Low Temperature Product

 LK Series	◆ Ultra-Low Temp. ◆ Wide Temp. Range ◆ Wide Voltage LK Series Standard -40°C~105°C	➤	LKA Series Lower Temp. ↓ -55°C~105°C	➤	LKN Series Lower Temp. ↓↓ -55°C~105°C	
2023 -55°C~105°C 400~450WV	➤	2024 -55°C~105°C 160~450WV	➤	2025 -55°C~105°C 160~500WV	➤	2026 -55°C~105°C 160~550WV

Radial Type: Long Life Product



- ◆ Higher Working Voltage
- ◆ Wide Voltage
- ◆ Long Life

HE/HW Series

HE Series
Standard

400~450WV
10,000hrs



HW Series
Long Life ↑↑

160~550WV
20,000hrs

2023
HW
160~450WV
20,000hrs



2024
HW
160~450WV
20,000hrs



2025
HW
160~550WV
20,000hrs



2026
Extended
Product Life

Radial Type: High Temperature Product of Automotive Electronics (ECU/TCU)



- ◆ 125°C
- ◆ L≤20mm, Anti-vibration 30G

SHG Series

SHG Series
Standard

125°C
5,000hrs



SHH Series
Higher Temp. ↑

135°C
3,000hrs



SHW Series
Higher Temp. ↑↑

135°C
7,000hrs

2023
SHH
135°C
2,000hrs



2024
SHH
135°C
3,000hrs



2025
SHW
135°C
5,000hrs



2026
SHW
135°C
7,000hrs

Screw Type: Higher Working Voltage Product



- ◆ 5,000hrs
- ◆ 650WV
- ◆ 85°C

Standard

650WV
5,000hrs



Higher Working Voltage ↓

700WV
3,000hrs



Higher Working Voltage ↓↓

730WV
3,000hrs

2023
700WV
3,000hrs



2024
730WV
3,000hrs



2025
Develop based on
market demand



2026
Develop based on
market demand

Axial Type: High Temperature Product of Automotive Electronics (BSG/ISG)



- ◆ BSG

AX Series
Standard

125°C
5,000hrs



AX Series
Higher Temp. ↑

150°C
1,000hrs



AX Series
Higher Temp. ↑↑

150°C
2,000hrs

2023
150°C
1,000hrs



2024
150°C
1,000hrs



2025
150°C
2,000hrs



2026
Continuously develop
higher temp. product

※ For detailed product information, please contact our sales department.

Major Customer

Automotive



Power



Telecom



Home Appliances



Others

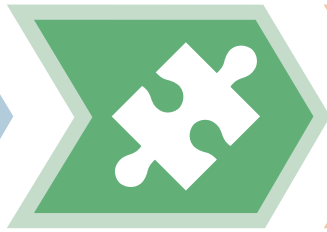


Our Service



Meeting Customer Needs

Provides a full range of E-Cap products to satisfy customers' needs for one stop shopping service.



Offering Solutions

Su'scon actively offers customer consultations and a variety of sample specifications. Su'scon also accommodates customization to offer products with the highest cost-effectiveness.



Short Delivery Time with Great Flexibility

Replies to customer inquiries within 48 hours, ensuring delivery within 4 weeks, with special delivery times negotiable for earlier arrangements.



Global Services

Global dealer service points, offering more convenient, rapid, and comprehensive services to customers worldwide.

Contact Us



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Su'scon

Supporting Superior Condenser



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