



NANJING SART SCIENCE & TECHNOLOGY DEVELOPMENT C

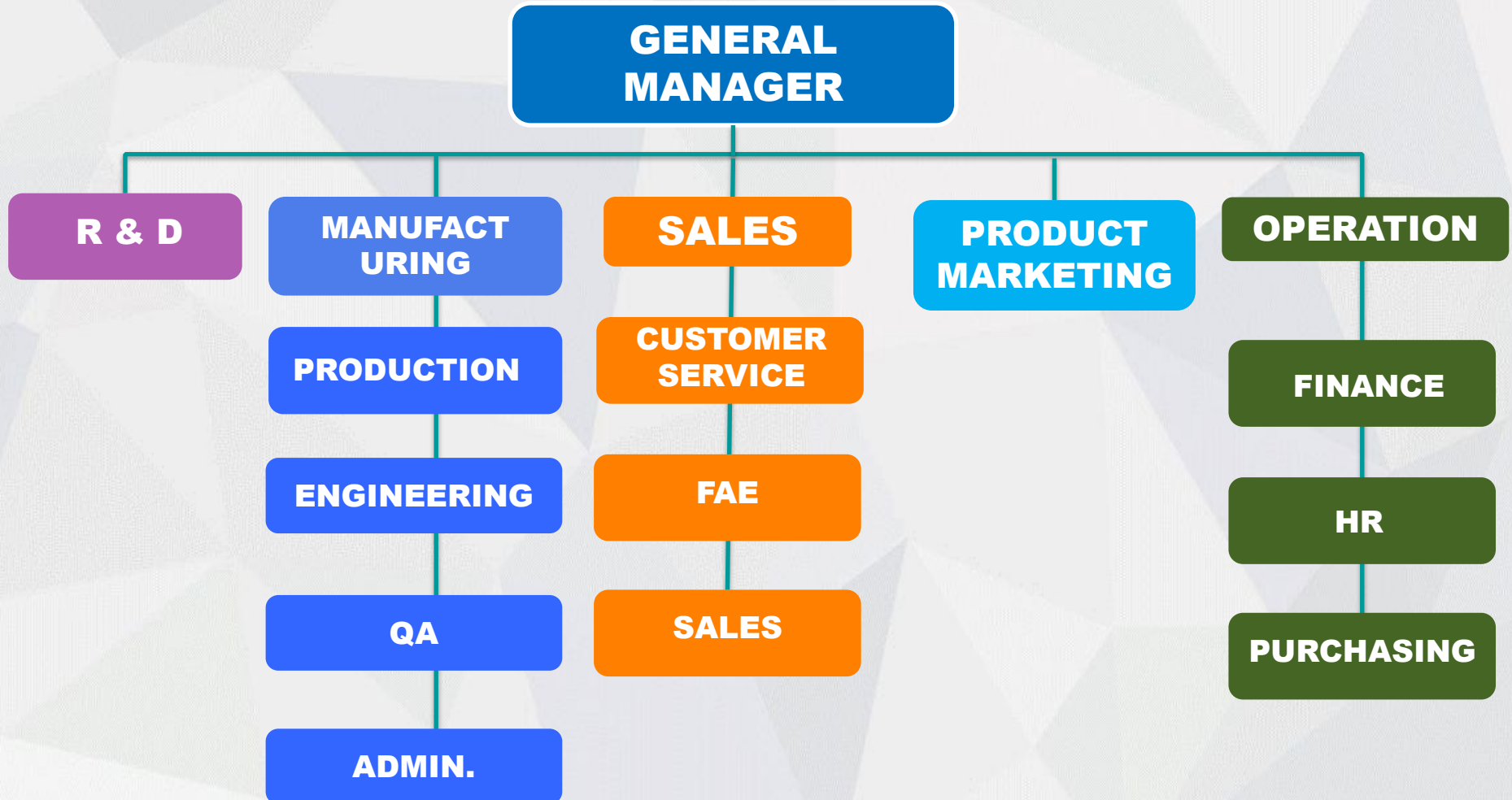
O., LTD THE GLOBAL LEADING SPECILIST FOR CIRCUIT
PRETECTION APPLICATION

OVERVIEW



-  **ESTABLISHMENT** : AUG 2006
-  **CAPITAL** : USD 10,000,000
-  **HEAD QUARTER** : NANJING, CHINA
-  **EMPLOYEE** : 128
-  **ADDRESS** : NANJING, CHINA
-  **MAIN PRODUCTS** : FUSE & CSR
-  **CERTIFICATE** : TS16949 / ISO9001 / ISO14001 / QC080000 / GB/T29490

ORGANIZATION



SALES NETWORK



HQ NANJING SART

FOUNDED IN **AUG 2006.**

LOCATED IN MAQUN
SCIENCE & TECHNOLOGY
PARK.

NANJING SALES TEAM

FOUNDED IN **AUG 2006.**

LOCATED IN MAQUN
SCIENCE & TECHNOLOGY
PARK.

SHANZHEN SALES OFFICE

ESTABLISHED IN **2007.**

LOCATED IN FUTIAN
DISTRICT.

HONG KONG OFFICE

ESTABLISHED IN **2007.**

LOCATED IN AXA
CENTER ,
WANCHAI DISTRICT.

TAIWAN SALES OFFICE

ESTABLISHED IN **2008.**

LOCATED IN TAOYUAN
DISTRICT, TAOYUAN CITY.

HISTORY OF SART

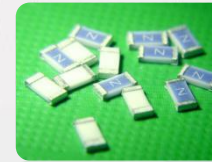


TIMELINE INFOGRAPHICS

2006

SMD TYPE FUSE RELEASED

DEC. 2006 THE FIRST SMD
TYPE OF FUSE WAS
RELEASED.



ISO 9001 CERTIFICATION

2007

APR. 2007
ISO 9001
WAS COMPLETED.



2009

S6125 SERIES FUSE RELEASED

JAN. 2009
S6125 PRODUCTION LINE
WAS MANUFACTURED



SMD TYPE CSR LAUNCHED

2009

NOV. 2009
THE FIRST CSR PART
WAS BORN.



HISTORY OF SART



TIMELINE INFOGRAPHICS

2011

TS16949 QC080000 CERTIFICATIONS



HIGH-TECH ENTERPRISE AWARD

2012

AUG. 2012 AWARDED HIGH-TECH ENTERPRISE

2013

UL WITNESS TEST DATA PROGRAM

MAY. 2013
AWARDED THE
QUALIFICATION OF UL
WITNESS TEST DATA
PROGRAM



TECHNOLOGY INTERPRISE OF
JIANGSU AWARD

2013

HISTORY OF SART



TIMELINE INFOGRAPHICS

2016 S1032 SERIES FUSE LAUNCHED



THE SIZE OF 1032 FUSE
WAS LAUNCHED.

SMS METAL STRIP CSR RELEASED

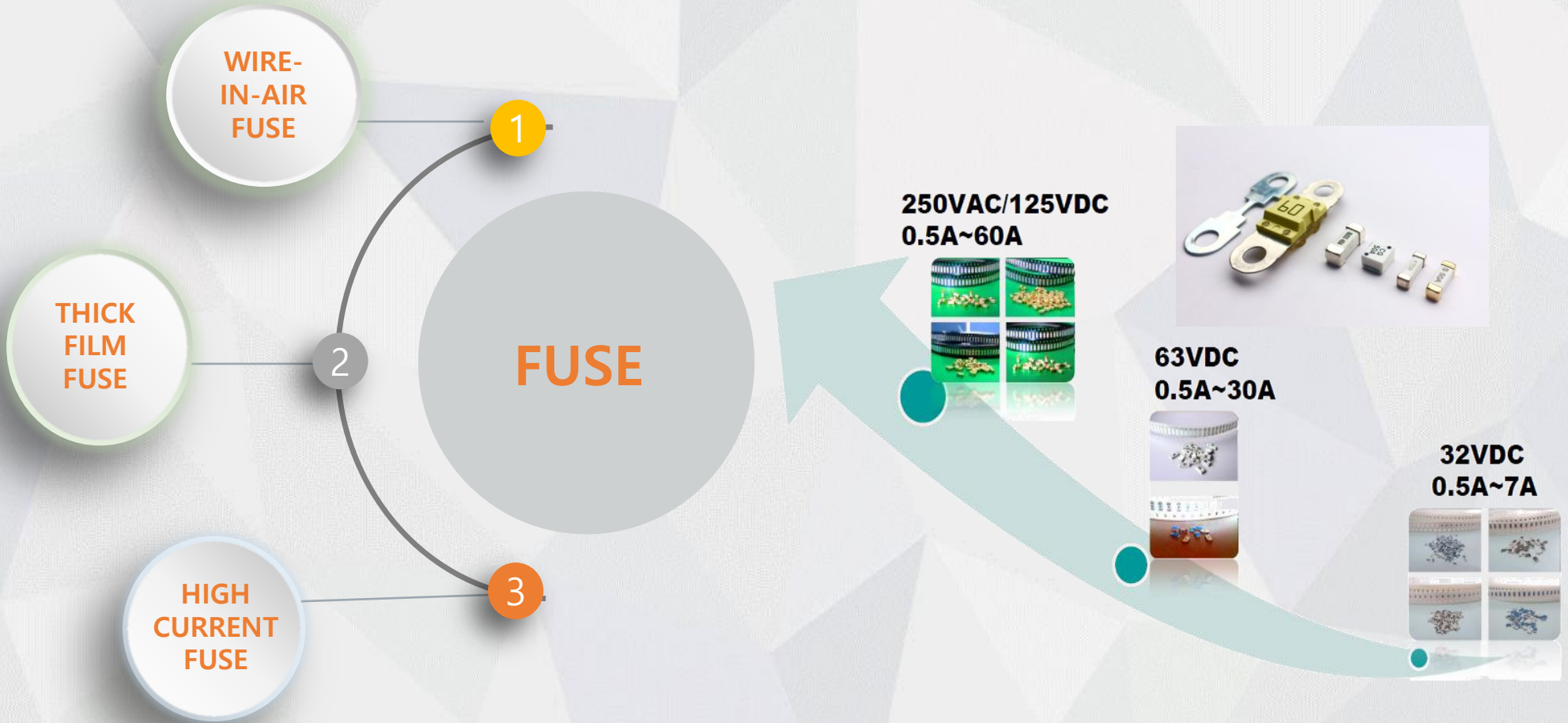
2018



THE SIZE OF 3921 / 5931
CSR PART WAS LAUNCHED.

2018 IEC WORLD DISCUSSION MEETING HOST

MAIN PRODUCT-FUSE



WIRE-IN-AIR 1032 Fuse



- **FEATURE :**
- **Wire-In-Air construction**
- **High DC current ratings: 20A to 60A**
- **10.3mmX3.2mm footprint**
- **Excellent Inrush withstand capability**
- **Wide operating temperature range: -55°C to 125°C**
- **RoHS Compliant**
- **Agency approval: UL**

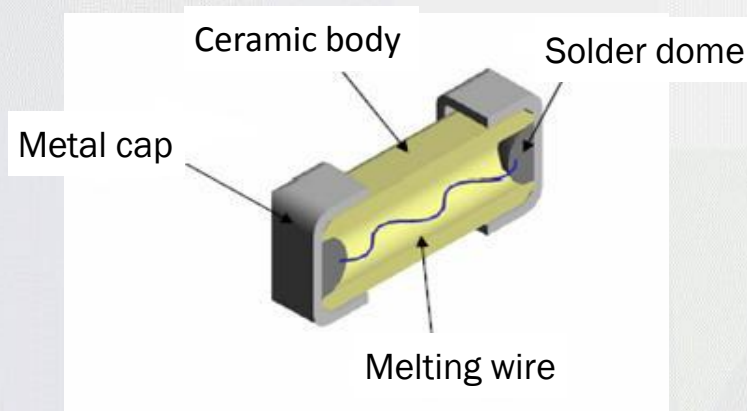


WIRE-IN-AIR 6125 Fuse



FEATURE :

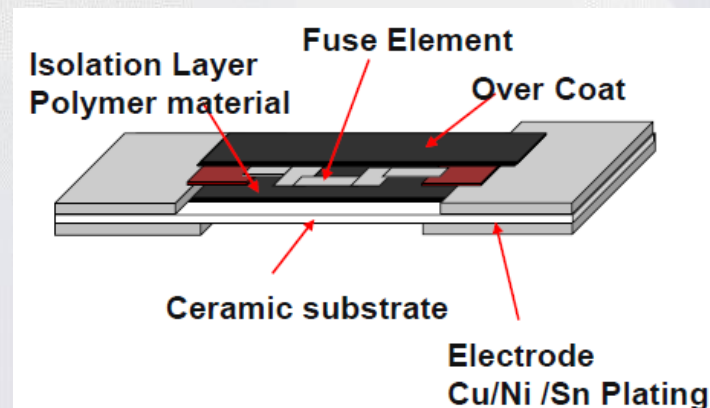
- Excellent Inrush withstand capability
- Standard 6.1mmx2.5mm footprint
- Wide range of current ratings
- Wide operating temperature range: -55°C to 125°C
- RoHS Compliant
- Agency approval: UL Recognized (All series), PSE (Fast acting), TUV (250VAC series)
- Various product series available: Fast acting, Slow blow, 250VAC High-Inrush



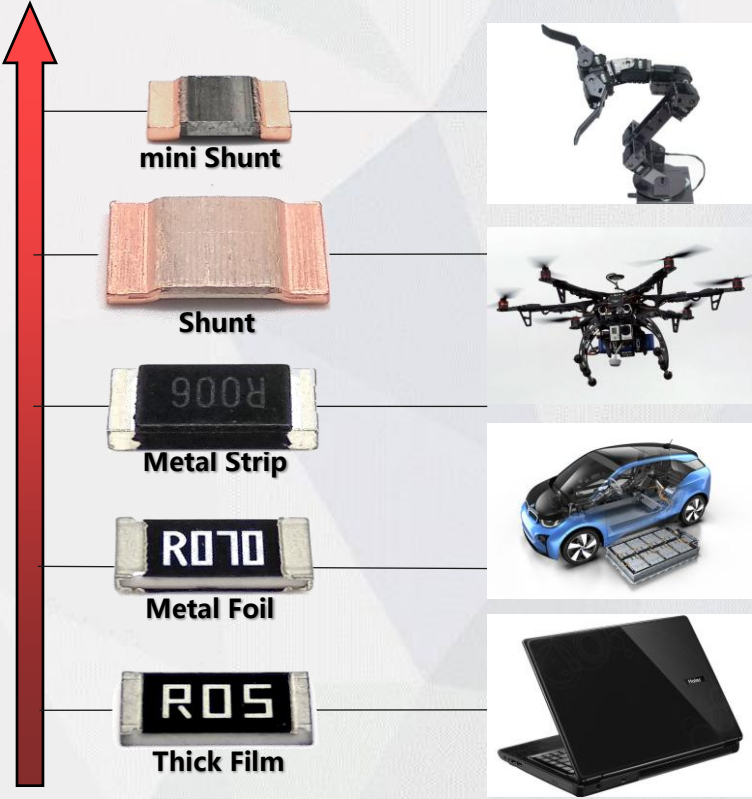
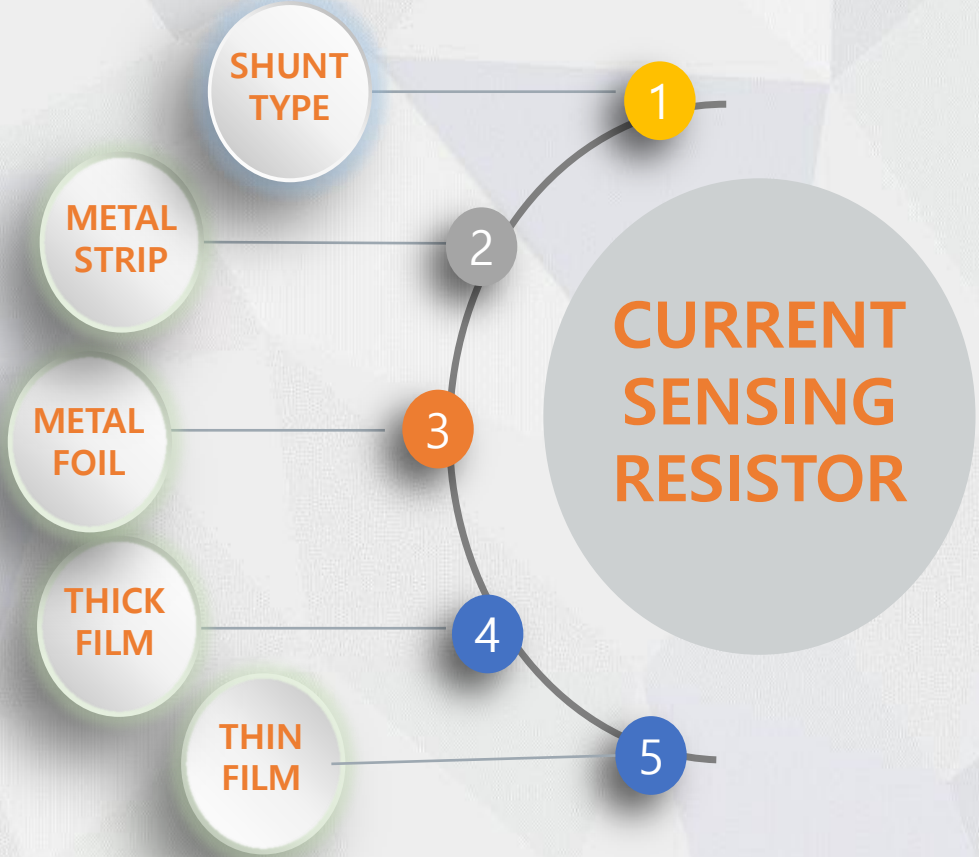
THICK FILM FUSE

FEATURE :

- Available in standard 1206 and 0603 footprints
- Wide range of current ratings
- Wide operating temperature range: -50°C to 125°C
- RoHS Compliant, Pb-free and Halogen free
- Agency approval: UL recognized
- Fast acting, Slow blow types available
- Very cost effective technology



MAIN PRODUCT-CSR



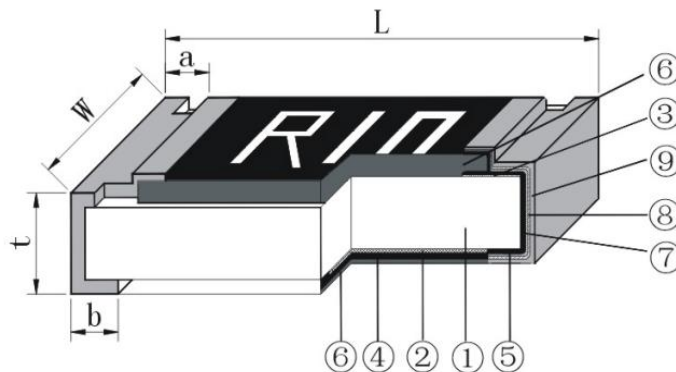
RATED POWER & RESISTANCE TOLERANCE

CSR SMF SERIES



FEATURE :

- Highly reliable technology
- Low TCR and Low thermal EMF
- Dimension: 0603, 0805, 1206, 2512
- Power ratings: 0.5W to 2W
- RoHS compliant, Pb-free
- Resistance range: 5m Ω to 200m Ω
- Cost effective

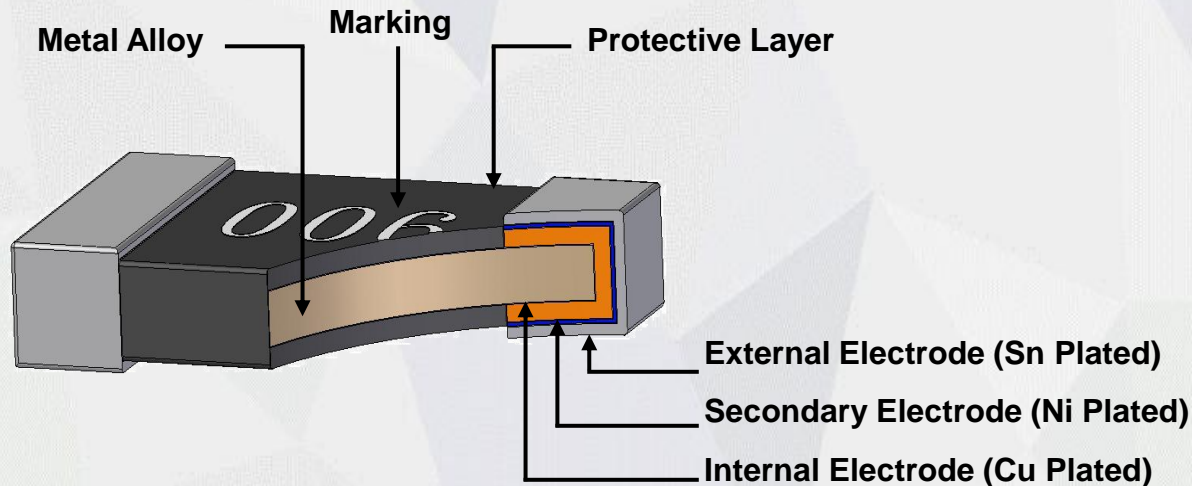


- ① Ceramic Substrate
- ② Alloy Plate
- ③ Top Electrode
- ④ Primary Overcoat
- ⑤ Cu Plating
- ⑥ Secondary Overcoat
- ⑦ Edge Electrode
- ⑧ Barrier Layer
- ⑨ External Electrode

CSR SMA SERIES

FEATURE :

- Highly reliable technology
- Low TCR and Excellent thermal EMF
- Standard 2512 footprint
- RoHS compliant, Pb-free
- Resistance range: 3mΩ to 20 mΩ

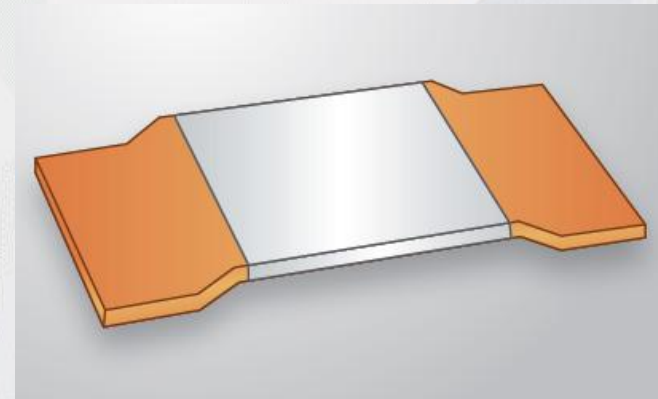


CSR SMS SERIES



- **FEATURE**

- **Supreme Electron beam welding (EBW) technology**
- **Ultra low resistance: 0.2- 2mΩ**
- **Low TCR, Low thermal EMF**
- **Dimensions: 2512, 3920, 5921**
- **Power ratings: 3W to 7W**
- **RoHS compliant, Pb-free**
- **For high power applications
(current shunt)**



TECHNICAL ADVANTAGE



MEMBER OF IEC / SC32 SECRETARY EXPERTS COMMITTEE

VICE-CHAIR OF NATIONAL TECHNICAL STANDARD COMMITTEE
TC340/SC32C ON FUSES OF CHINA STANDARD ADMINISTRATION

DEC. 2011----SART PARTICIPATED IN DRAFTING GB /
T9364.5-2011 (APPROVED AND IMPLEMENTED)

JUN. 2012 ---PARTICIPATED IN REVISING JB/T11316-2012
(APPROVED AND IMPLEMENTED)

2018 IEC/SC32C DISCUSSION MEETING HOST

The IEC logo, consisting of the letters 'IEC' in a white, bold, sans-serif font on a blue square background with three horizontal white lines below the letters.

IEC

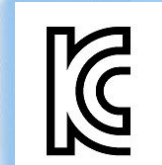
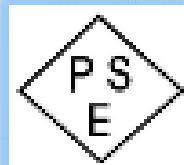
QUALITY ASSURANCE



QUALITY MANAGEMENT: TS16949 / ISO9001

ENVIRONMENT MANAGEMENT : ISO14001 / QC080000

SECURITY CETIFICATE FOR FUSE : UL、TUV、KC、CQC、PSE



R & D ABILITY



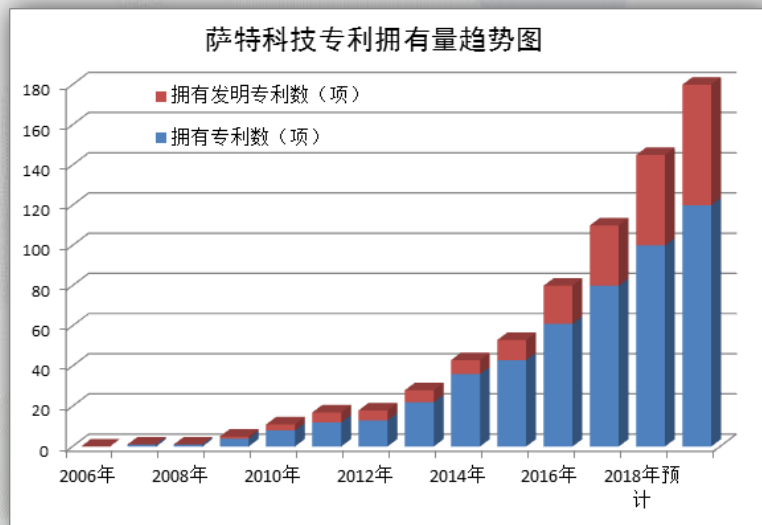
- ◆ 8% OF REVENUE USING ON R&D DEVELOPMENT.
- ◆ THE STANDARD OF UL WITNESS LAB COMPLAINT.
- ◆ JOINT RESEARCH PROGRAMS WITH LOCAL UNIVERSITY FOR NEW MATERIAL AND TECHNOLOGY.



INNOVATION



APPLIED: 115 PATENTS,
INCLUDE 54
INVENTION PATENTS.



New Product Roadmap for Fuse



Low-Voltage fuses

Industrial grade
SMD fuse S1030-H2
(277V AC @100A)

Industrial grade
SMD fuse S1040-T3
(300V AC @150A)

High Current
S1032-F 20-60A
(20A-30A 100V DC
40A-60A 72V DC)

High Current
20A-80A WIA SMD
(1032-S 72V DC)

Telecom fuse
1032 size
(60A@600V AC)

AEC Q200 compliant
S1206-FC SMD fuse
(0.5~8A 100VDC)

AEC Q200 compliant
S6125 SMD fuse
(1~8A 125VDC/AC)

AEC Q200 compliant
S1206 WIA fuse
(0.5~10A 100VDC)

S1206FA 20-30A
(1206 32V DC)

0603/1206
0.5A~5A
(50A/63V DC)

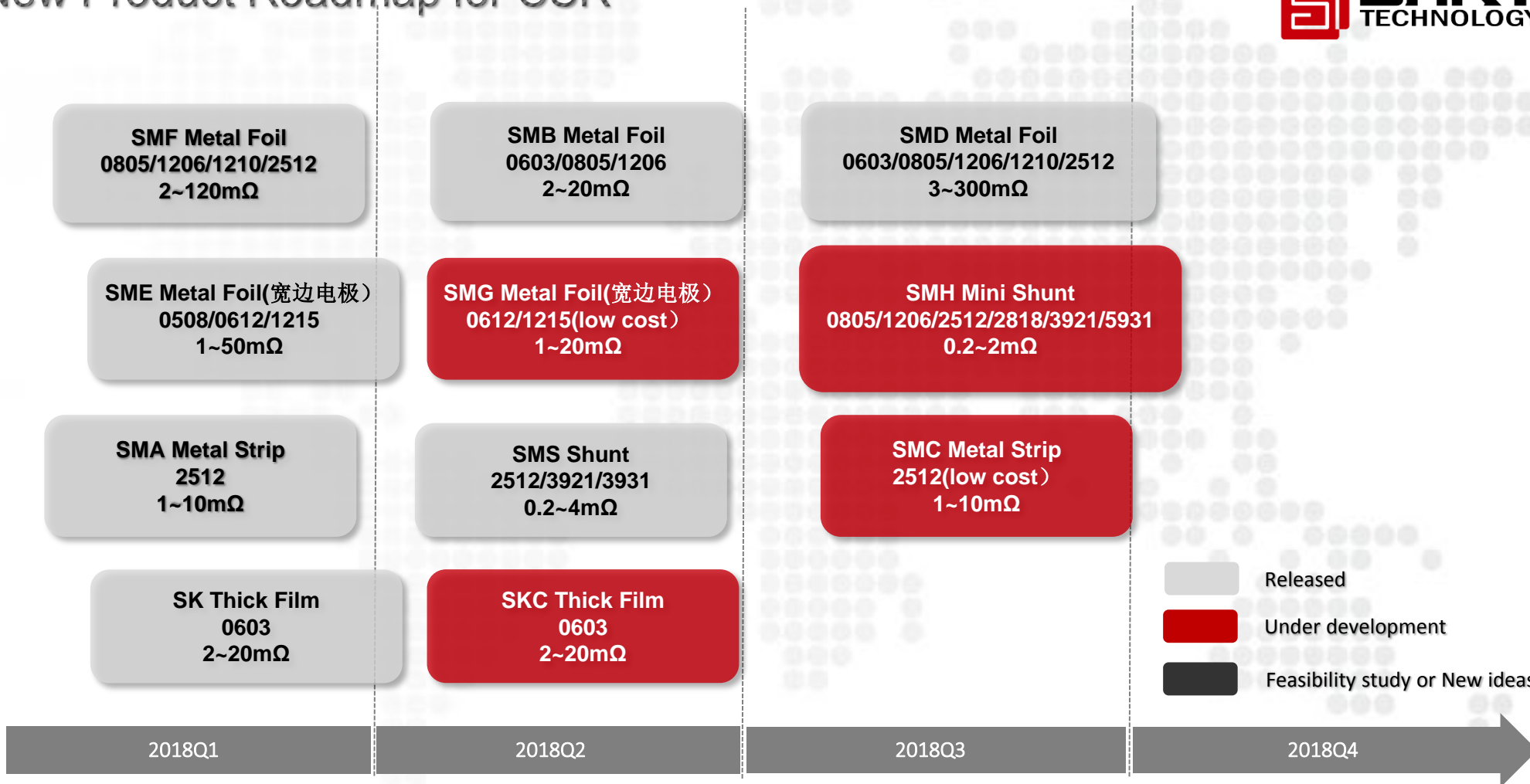
0603/1206
0.15A~0.75A
(50A/63V DC)

S0402-FF
0.5A~5A
(50A/24V DC)

- Released
- Under development
- Feasibility study or New ideas

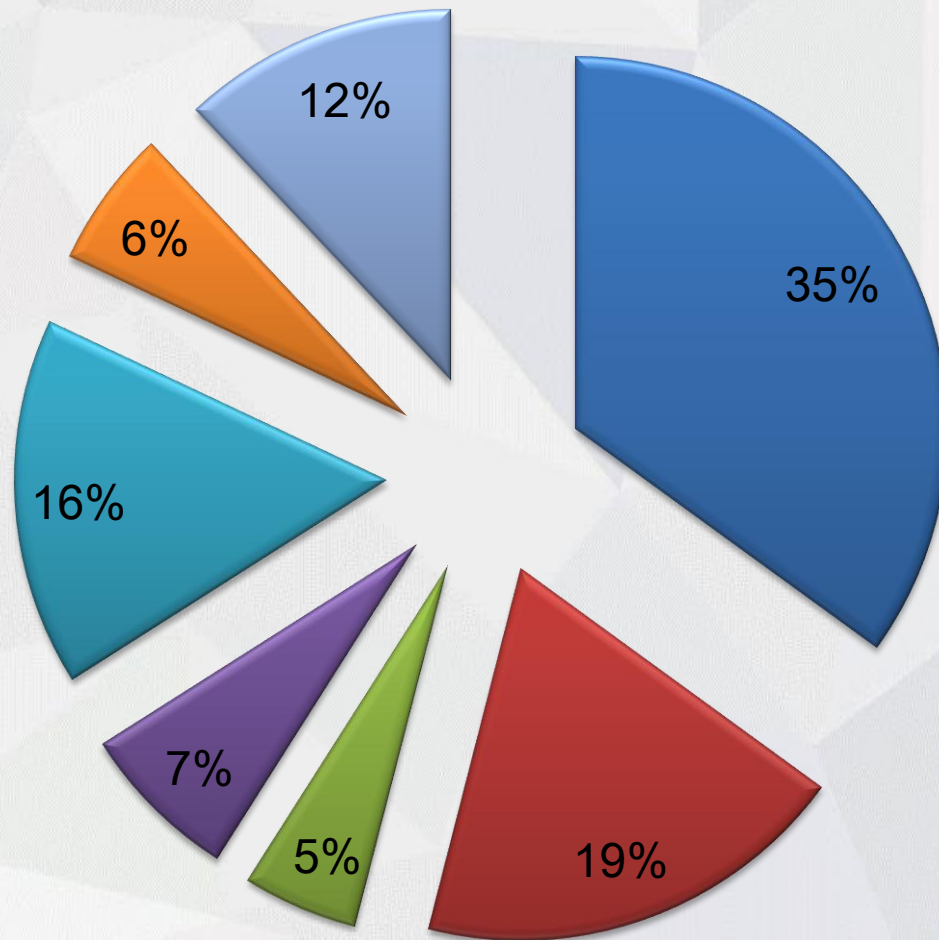


New Product Roadmap for CSR



Released
 Under development
 Feasibility study or New ideas

CUSTOMER SEGMENT

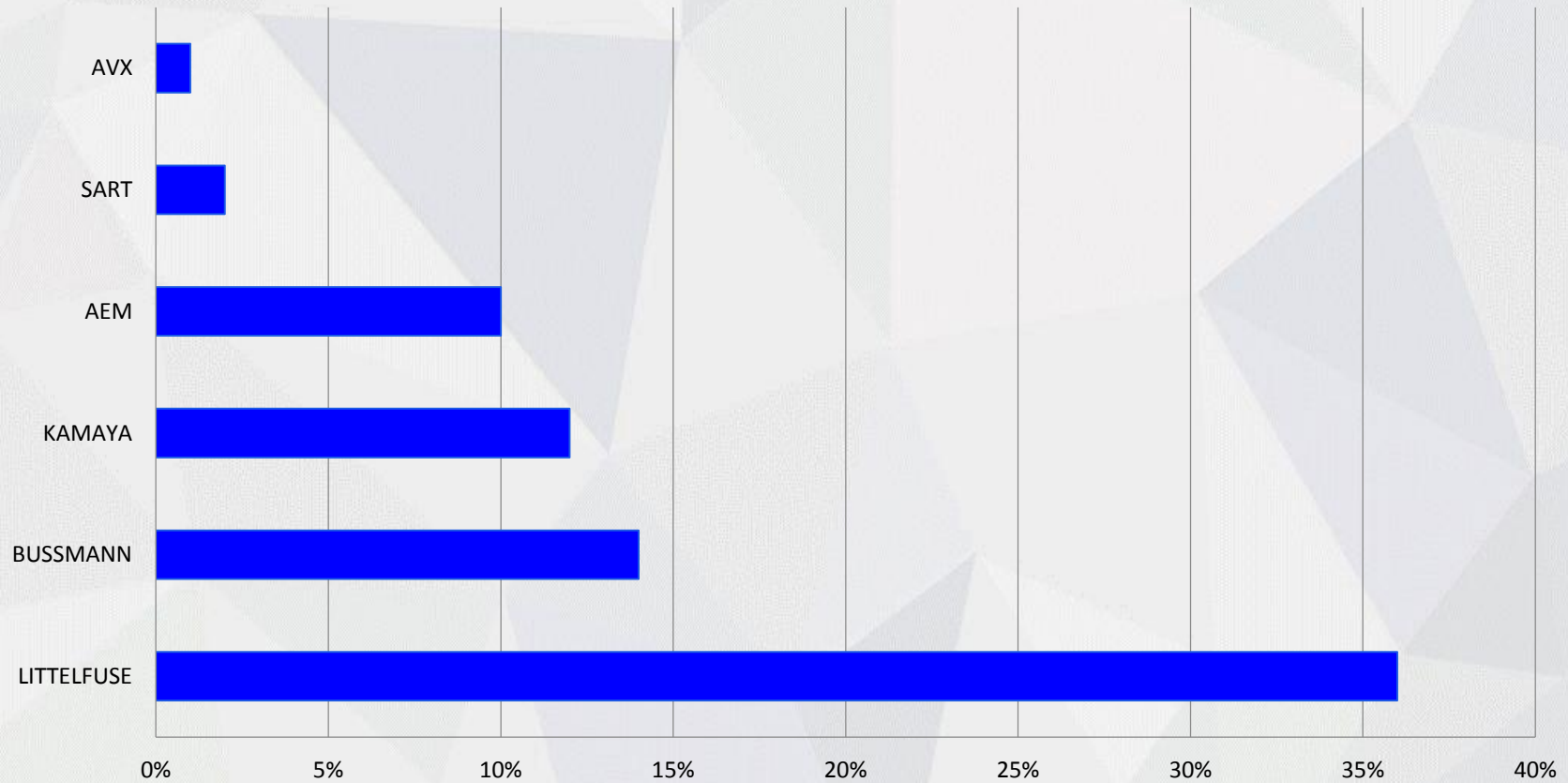


- Battery
- Power Supply
- Communications
- Computer
- LCD Panel
- LED Lighting
- Others

SALES RANKING



SHARE RATE



	LITTELFUSE	BUSSMANN	KAMAYA	AEM	SART	AVX
■ SHARE RATE	36%	14%	12%	10%	2%	1%

CUSTOMER LIST



BATTERY PACK



POWER SUPPLY



COMMUNICATION



NOTEBOOK



CUSTOMER LIST



NET WORK



LCD PANEL



TV



LED LIGHTING



CUSTOMER LIST



POWER TOOL



EMS



OTHER



THANKS FOR LISTENING !

