



## Distribution Certification

Here Certify that JBG-METAFIX(address listed below) is an authorized distributor to sell Hongda's products in Europe from 4<sup>th</sup> May 2021 to 3rd May 2022.

Name: JBG-METAFIX

Address : 7, rue de laDécouverteZI de la Roseraie

80500 MONTDIDIER - France

Tel.: +33 (0)3 22 78 78 25

ATTN : Mathias DRAY

Printed Name: Alice Zhou

Title: Sales Manager

Date: 4th May 2021

Company Chop:







Hongda Capacitors



Tel: +86 769 8220 7248  
Email: sales@hongdacap.com.hk  
Skype: Hongdacapacitors

# HONGDA ELECTRONICS CO., LIMITED

“ Chip Capacitors Specialist ”

[www.hongdacap.com.hk](http://www.hongdacap.com.hk)





Hongda Capacitors ,Chip Capacitors Specialist



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About Us



Our Products



Our Customers



Contact Us



# About Us

- ✦ Profile of Hongda Capacitors
- ✦ Certifications
- ✦ Lab
- ✦ Production lines
- ✦ Organization Chart





# Profile

**Hongda Capacitors is chip capacitors manufacturer since 1999. Now we own 5 advanced production lines, have complete quality control system, and advanced chip capacitors technology in China. We have two chip capacitors research centers and one reliability test lab in the factory.**

**We got patents of high energy tantalum capacitors, polymer tantalum capacitors. We are the top manufacturer of chip capacitors in China.**

**Currently our products are used on aircraft, military, boats, automotive, consumer electronics and industry areas. We are ISO9001:2015 and IATF16949 certified factory and we obtained GJB9001C:2017 military tantalum capacitors qualification from the Ministry of Defense.**







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IATF16949



GJB9001C-2017



ISO9001:2015



REACH Tan Caps



RoHS Tan Caps



# Certifications



RoHS MLCC



REACH MLCC



RoHS Ceramic



REACH Ceramic



Certifications





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Reliability  
test lab  
here

# Lab



**We provide complete environmental and electrical reliability test service for all capacitors!**







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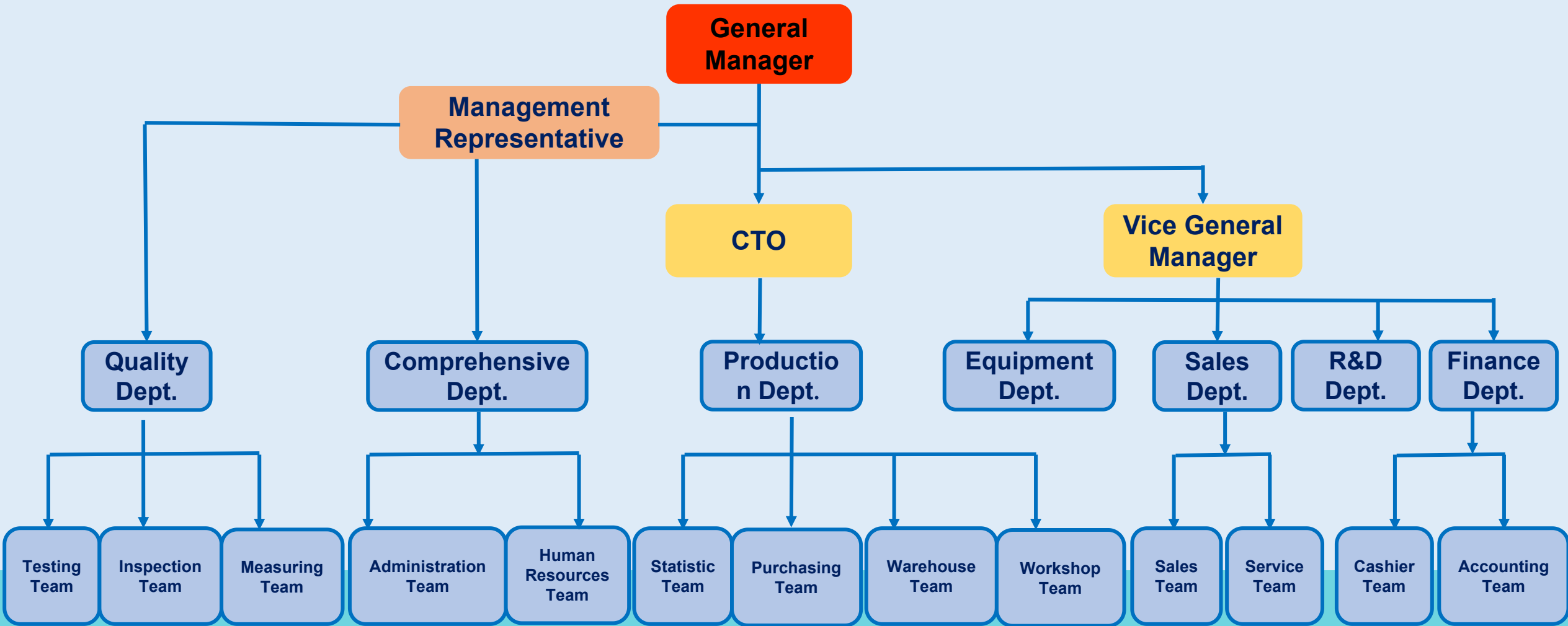
Web: [www.hongdacap.com.hk](http://www.hongdacap.com.hk)  
Tel: +86 769 8220 7248  
Email: [sales@hongdacap.com.hk](mailto:sales@hongdacap.com.hk)  
Skype: Hongdacapacitors



# Production lines

**5 Advanced Production Lines, to ensure delivery on time.**





# Organization Chart





# Our Products

- ◆ Products
- ◆ Series Chart
- ◆ Advantages





## Tantalum Capacitors

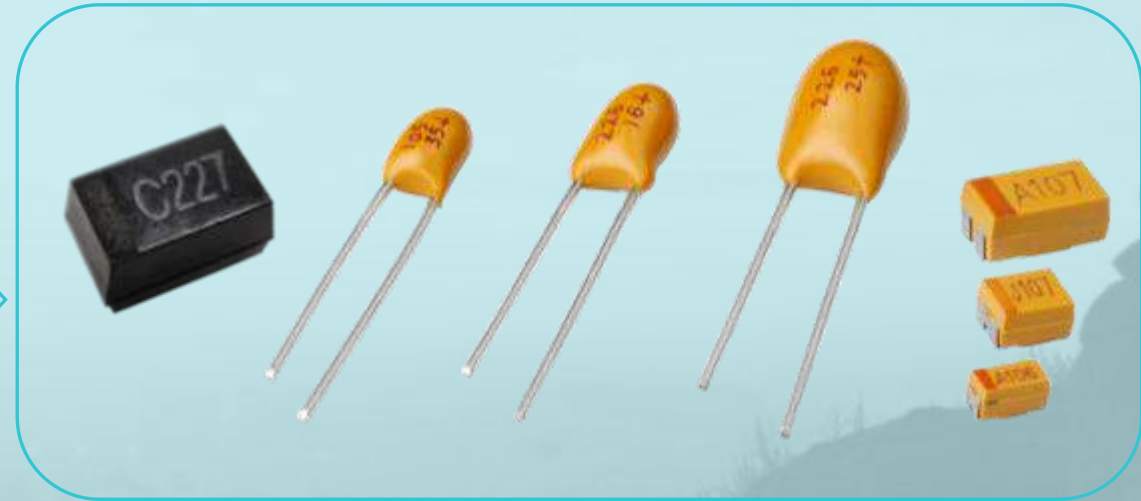
CA42 Radial Epoxy Dipped Tantalum Capacitor (General Purpose)

CA45 Chip Tantalum Capacitors (General Purpose)

CA45L Low ESR Chip Tantalum Capacitors

QCA45 Chip Tantalum Capacitors (Automotive Grade)

CA55 Polymer Tantalum Capacitors



- \* Biggest tantalum capacitors factory in China
- \* Five advanced production lines
- \* Advanced reliability test lab & 2 research centers
- \* Stable and competitive prices
- \* Better delivery time compare with AVX Vishay Kemet
- \* Wide selection: Standard, Low ESR, Polymer tantalum cap
- \* Our new products in future: Niobium Oxide Capacitors
- \* Replacement of AVX TAP TAJ TPS Series, Kemet T491 -T494 Series, Vishay 293D Series

# Products



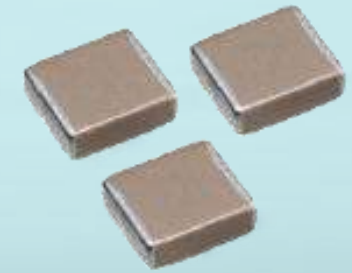




## Chip Multilayer Ceramic Capacitors

HLC Chip Multilayer Ceramic Capacitors (Chip MLCC, General Purpose)

Dielectric:	NPO	X7R	X5R	Y5V
Capacitance range:	0.1pF to 0.27μF	100pF to 47μF	100pF to 220μF	0.01μF to 100μF
Capacitance tolerance	Cap<10pF: C (±0.25pF), D (±0.5pF) Cap≥10pF: J (±5%),K (±10%)	J (±5%), K (±10%), M (±20%)	K (±10%), M (±20%)	M (±20%), Z (-20/+80%)
Rated voltage (WVDC)	4V, 6.3V, 10V, 16V, 25V, 50V, 100V, 200V, 250V, 500V, 1000V, 2000V, 3000V, 6000V			
Operating temperature	-55 to +125°C		-55 to +85°C	-25 to +85°C
Capacitance characteristic	±30ppm	±15%	±15%	+30/-80%
Case Size:	0201, 0402, 0603, 0805, 1206, 1210, 1808,1812, 1825, 2211, 2220, 2225			



- \* Wide selection on capacitance fm 0.1pF to 220uF, voltage 2.5V to 6000V
- \* Available in case size 0201 0402 0603 0805 1206 1210 1808 1812 1825 2211 2220 2225.
- \* Keep a wide range stock, lead time 1- 3 weeks for most of items
- \* Reliable quality
- \* Competitive Prices
- \* Stable Supply, we do not meet shortage
- \* Replacement of AVX, Kemet, Murata, Samsung, TDK standard MLCC Series

# Products





## SMD Electrolytic Capacitors

### General Use SMD Electrolytic Capacitors

HCK 105° C 2000H. Load life, standard SMD Electrolytic Capacitor  
HCS 85° C 2000H. Load life, standard SMD Electrolytic Capacitor

### Low Impedance SMD Electrolytic Capacitors

HLZ 105° C 2000H. Low Impedance SMD Electrolytic Capacitor  
HKZ 105° C Extremely Low Impedance SMD Electrolytic Capacitor  
HFZ 105° C Long life, Extremely Low Impedance SMD Electrolytic Capacitor

### High Voltage/ Long Life SMD Electrolytic Capacitor

HCP 85° C 3000H. High Voltage, Long life SMD Electrolytic Capacitor  
HCH 105° C 3000H. High Voltage, Long Life SMD Electrolytic Capacitor  
HHU 105° C 5000H. High Voltage, Long Life SMD Electrolytic Capacitor

### Long Life SMD Electrolytic Capacitors

HKH 125° C 5000H. High Temperature SMD Electrolytic Capacitor  
HEL 105° C 3000H. Long life Assurance SMD Electrolytic Capacitor  
HKL 105° C 5000H. Long life Assurance SMD Electrolytic Capacitor

### Low Leakage Current SMD Electrolytic Capacitors

HSC 85° C 2000H. Low Leakage Current SMD Electrolytic Capacitor

### Non-Polarized SMD Electrolytic Capacitors

HCN 85° C 1000H. Non-Polarized SMD Electrolytic Capacitor  
HKP 105° C 1000H. Non-Polarized SMD Electrolytic Capacitor

- \* Wide selection: standard, long life, low impedance, high reliability
- \* Competitive prices compare with Panasonic, and Epcos, Nippon-chemi-con
- \* 3-4 weeks good delivery, and keep regular stocks
- \* Replacement of Nichicon, Panasonic, Rubycon, Nippon, Samwha 's SMD E Cap



# Products







## Chip Type, Conductive Polymer Aluminum Electrolytic Capacitors

### HMA series, Low ESR, High Ripple Current SMD Electrolytic Capacitors

Operating with wide temperature range -55~+105° C  
Load life of 2000 hours  
RoHS & REACH compliant, Halogen-free  
Voltage: 2.5 ~ 25V DC Capacitance: 3.3 ~ 1500µF  
Tolerance: ±20% at 120Hz, 20° C  
Size: 4x5.5, 5x6, 6.3x5.5/6, 8x7, 8x12, 10x8/10, 10x12.7



### HMB series, Higher Capacitance, Ultra-low ESR, Ripple Current SMD Electrolytic Capacitors

Operating with wide temperature range -55~+105° C  
Load life of 2000 hours  
RoHS & REACH compliant, Halogen-free  
Voltage: 2.5 ~ 16V DC Capacitance: 100~ 1000µF  
Tolerance: ±20% at 120Hz, 20° C  
Size: 5x5.5/5.8, 5x8/9, 6.3x5/6, 6x5.8/6.5, 6.3x7/7.7, 6.3x9, 8x6.7/7.7, 10x12



- \* Chip Polymer Aluminum Electrolytic Capacitors
- \* Featured with low ESR and high ripple current.
- \* Widely used on LCD-TV, Automotive, Play Station (Game Machines), GPS, and Base Station(BS).
- \* Competitive Prices
- \* Replacement of Panasonic, Elna, Nippon/Chemi-con 's polymer SMD E-cap

# Products





## Radial Type, Conductive Polymer Aluminum Electrolytic Capacitors

### HE2 series, Low ESR, high ripple current, Load life, Radial, Voltage Range 2.5V~25VDC

Low ESR, high ripple current  
Load life of 2000 hours at 105°C  
Radial, Voltage Range 2.5V~25VDC  
RoHS Compliant  
Size: 5x7; 5x8; 5x9; 5x11; 5x12; 6.3x8; 6.3x9; 6.3x11;  
6.3x12; 8x9; 8x12; 10x12



### HH2 series, Low ESR, high ripple current, high voltage, Load life, Radial, Voltage Range 35V~100VDC

Low ESR, high ripple current, high voltage  
Load life of 2000 hours at 105°C  
Radial, Voltage Range 35V~100VDC  
RoHS Compliant  
Size: 5x7; 5x9; 5x11; 6.3x8; 6.3x11; 6.3x12; 6.3x14;  
8x9; 8x12; 8x12.5; 8x14; 10x12; 10x12.5; 10x13



- \* No potential expansion and explosion when heated
- \* Low impedance, large ripple resistance
- \* Excellent performance at high or low temperature, and even keep great characteristics at -55°C
- \* Widely used for IT products, PD power supply, LED devices, 5G industry..and so on.
- \* Competitive Prices

# Products



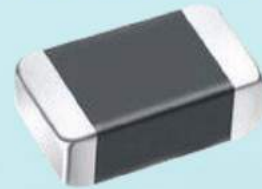




## Multilayer Chip Inductors and Beads

**HDCI2012H, HDCI0603T, HDCI1005T ,HDCI1608H and so on.**

High reliability  
Surface mountable  
Excellent solderability and heat resistance  
Multiple size availability, 0201, 0402, 0603, 0805 and so on



**HDGB, HDHB, HDLB, HDSB and so on.**

High soldering heat resistance  
Surface mountable  
Low DC resistance  
Multiple size availability, 0201, 0402, 0603, 0805, 1206 and so on



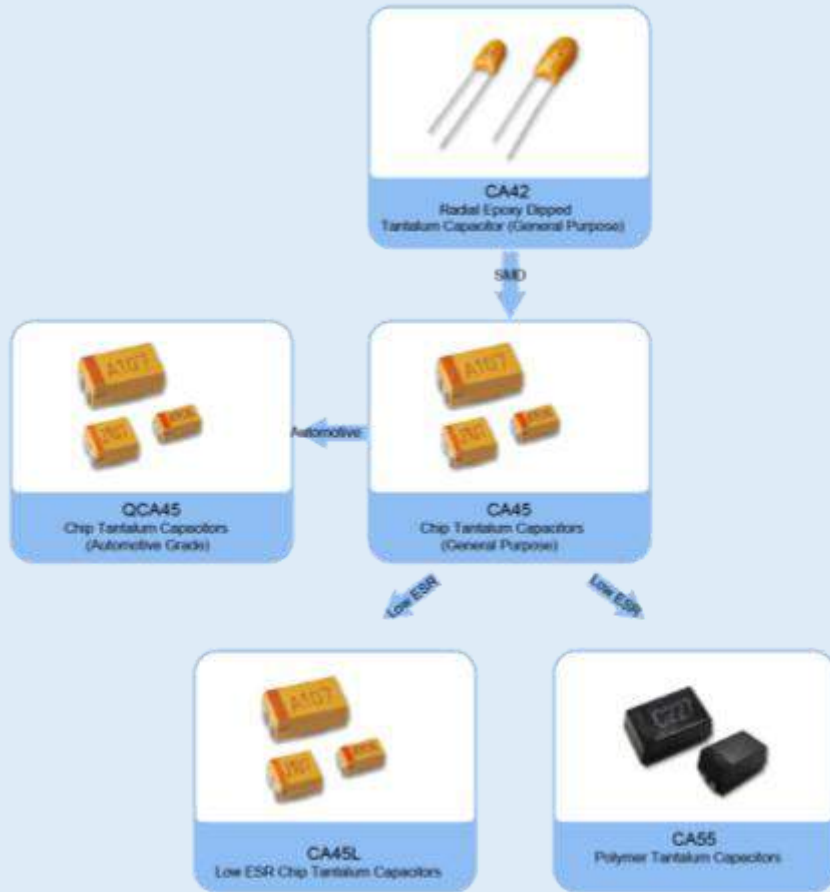
- \* High reliability, Excellent solderability and heat resistance chip inductors and beads
- \* Inductors and beads are used to RF module of telecommunication products, pagers, cellular phones CD-ROM, hard disk driver, digital TVs, VTRs Printers, computer communications, etc...
- \* Reliable quality and short lead time
- \* Competitive Prices

# Products

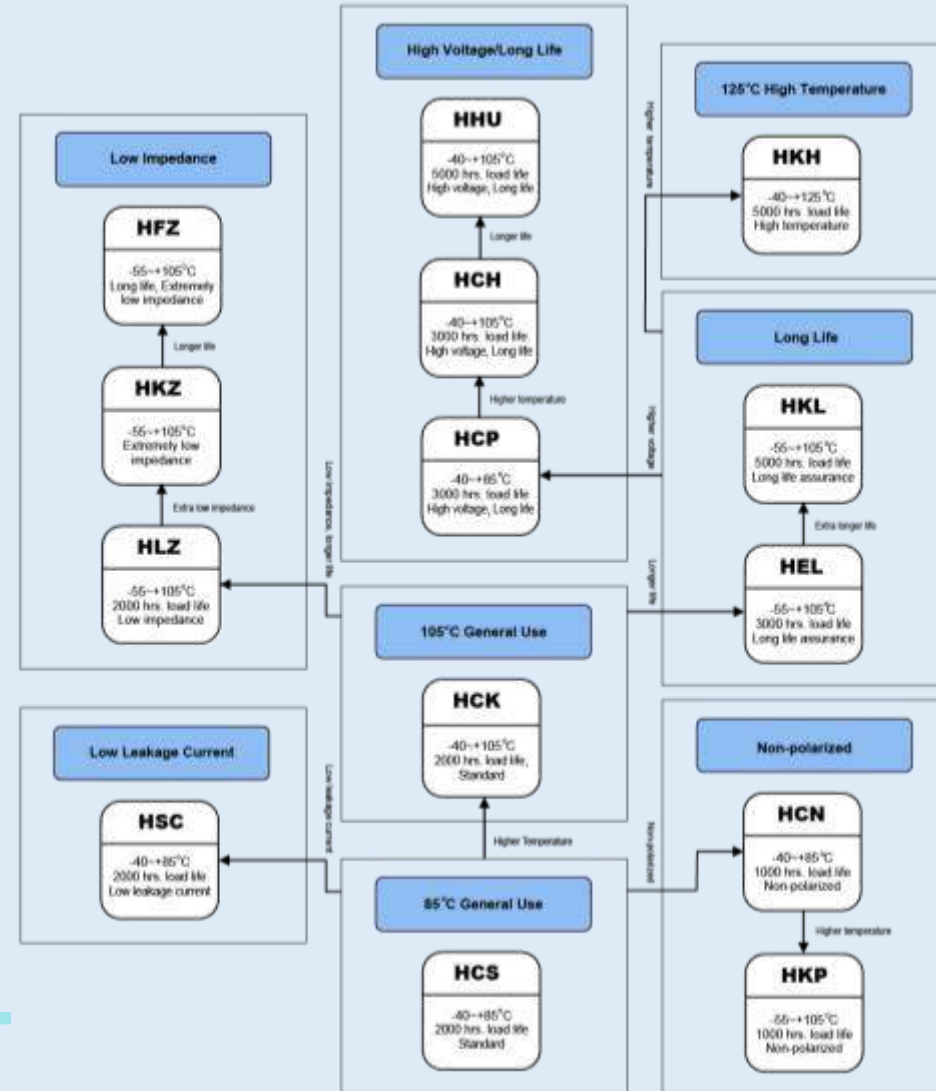




### SMD Electrolytic Capacitors



### Tantalum Capacitors



# Series Chart





## User Support

We provide the continual delivery of superior technical support while simultaneously providing industry leading customer satisfaction and support.

We pledge to provide exceptional technology for your business and will provide the best technical talent to manage that technology and surpass your service expectations.

Experienced Sales Staff, quick response to customers within 1 day.



## Reliable Quality

Our commitment to quality is further demonstrated through our ISO9001:2015, IATF16949 certified and GJB9001C:2017 military qualified part factory quality system registration.

RoHS & REACH compliance, Halogen free(on request).

With our own lab to ensure the quality is under control.

## Competitive price

Price is the sum of all the competitiveness of the products.

We offer full manufacturing and on-site quality control.



## Fast Delivery

Fast delivery (2-5 weeks for most products);

Our continued investment in inventory and technology affords our customers a quick response and fast delivery from our comprehensive inventory.



# Advantages



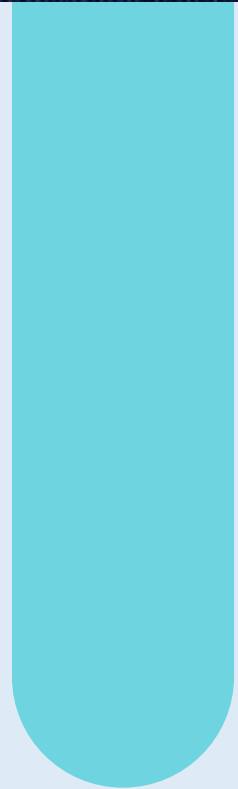
# Our Customers

◆ Main Market

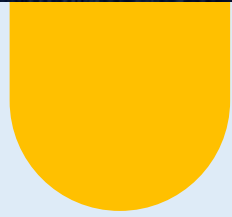
◆ Main Parts



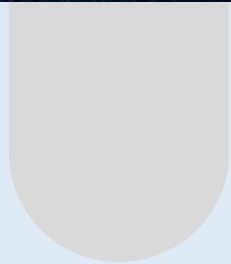




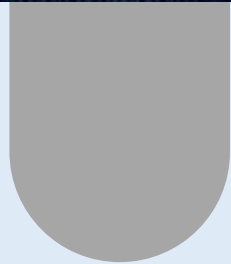
45%  
Asia



15%  
America







20%  
Russia



20%  
Europe

# Main Markets

# Sales Chart

- Asia 45% 
- America 15% 
- Russia 20% 
- Europe 20% 





# Sales Chart

- Military Parts 40%
- Consumer Parts 40%
- Industrial Parts 15%
- Automotive Parts 5%

5%  
Automotive Parts

15%  
Industrial Parts

40%  
Consumer Parts

40%  
Military Parts

## Main Parts







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