

# Company Profile

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北京鸿利鲲鹏国际贸易有限公司  
Beijing Hongli Kumpeng International Trade Co.,Ltd.

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# Company Profile



Our company was established in 2009. There are offices in Hongkong, Shanghai and ShenZhen. Being responsible for warehousing, receiving, shipping, manufacturing, sales and purchasing.

We are mainly engaged in electronic components. we are one of the official distributions in China. We have our own R.D team.We have also strong OEM to support. As for Connectors, Fans, Transistors, Inductors,Tantalum capacitor and Crystal&Oscillators. We can offer customization service.

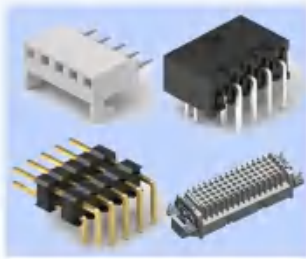
We Facing domestic and foreign communication, security monitoring, consumer, automotive electronics, medical and intelligent products and other production-oriented enterprises. Over the years, We have always been committed to customer needs as the core, honesty as the basis. Customers are from China, Eastern Europe, the Middle East, Japan, South Korea and Southeast Asia. The annual sales is nearly 15 million US dollars.

.Production lines of factories: Connectors, Fans, Transistors, Inductors,Tantalum capacitor and Crystal&Oscillators. we can offer customization service for you.We can offer you datasheet for confirming as per the part no .which you need,and then, we can also offer the samples to you for test.

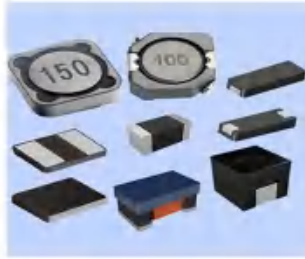
.Agent production line

- 1,ADC(DAC): China brand for digital to analog converter(DAC) and Analog to Digital Converter(ADC) ,it can replace ADI,TI,MAXIM with pin to pin.
- 2, Power management IC:China brand can replace ADI,TI,MPS,Richtek with pin to pin.
- 3, Ethernet PHY chip:China brand can replace Realtek with pin to pin.
- 4, MCU: China brand can replace STM and NXP with pin to pin.
- 5, Opto coupler: China brand can replace Avago, Fairchild,Toshiba,Panasonic,Sharp,Renesa,Liteon,Everlight with pin to pin.
- 6, Encryption chip: Protect firmware and software;Prevent malicious copying.

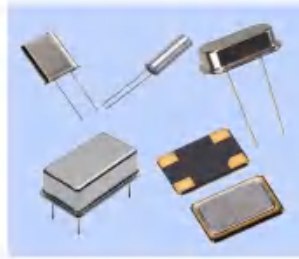
# Product Lists



**Connectors**



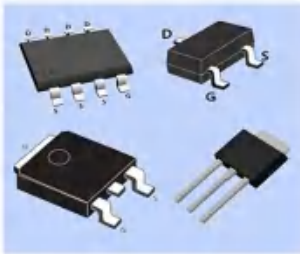
**Inductors**



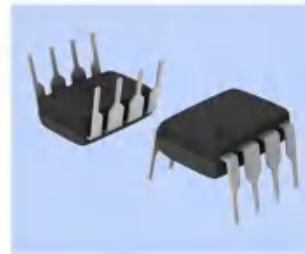
**Oscillators**



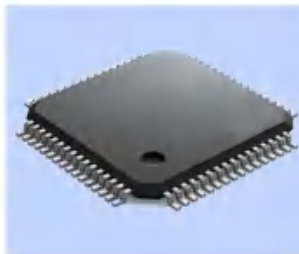
**Fans**



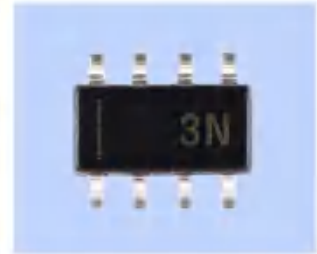
**Transistor**



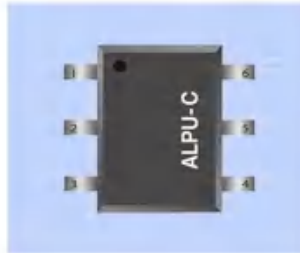
**Power Management IC**



**MCU**



**DAC/ADC**



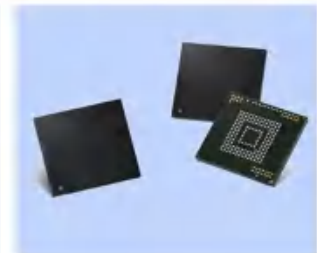
**Encryption chip**



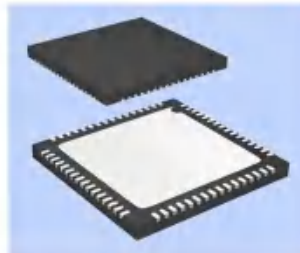
**Optocoupler**



**Tantalum capacitor**



**Memory and Flash**



**Ethernet PHY chip**



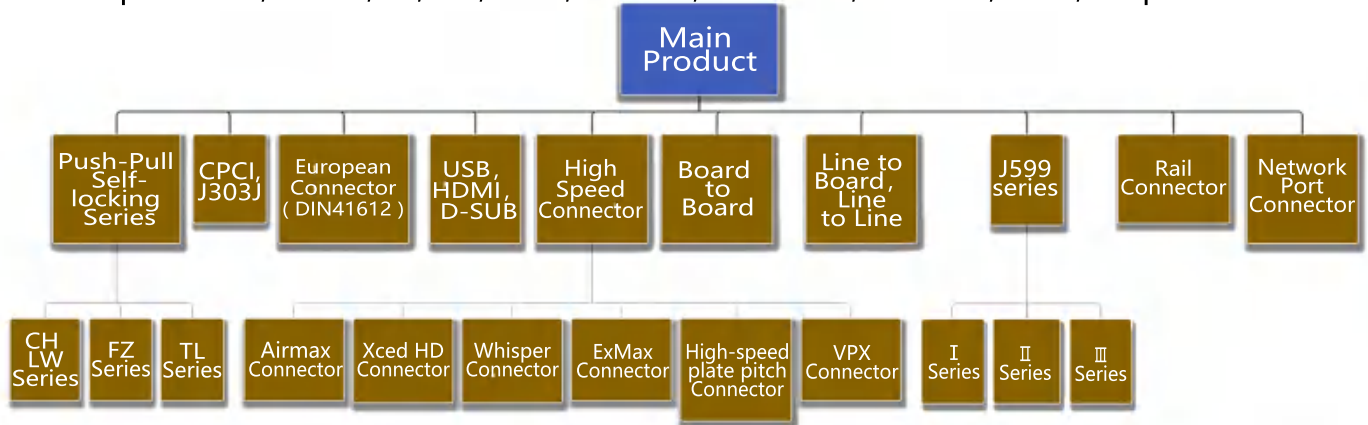


# Connectors

The company's main products are J599 electrical connector, CH series push-pull self-locking aviation plug, FZ/FS series waterproof connector, LW series threaded aviation plug and TLF/TLB/TLU military electrical connector.

Products are widely used in aviation, naval ships, weapons, communications, railways, automobiles, communications, electric power, industrial control, industrial automation and other fields.

It can replace JST, Molex, TE, FCI, ERNI, LEMON, HARTING, HIROSE, ODU, Amphenol and act.



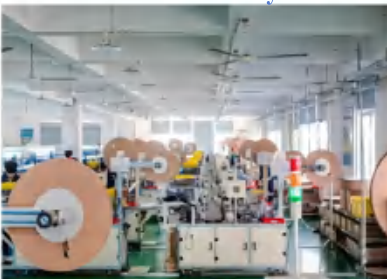
## Automatic assembly



High speed backplane connector automatic assembly line



Auto connector assembly line



Power connector automatic assembly line



RJ45 connector automatic assembly line

## J599Series:



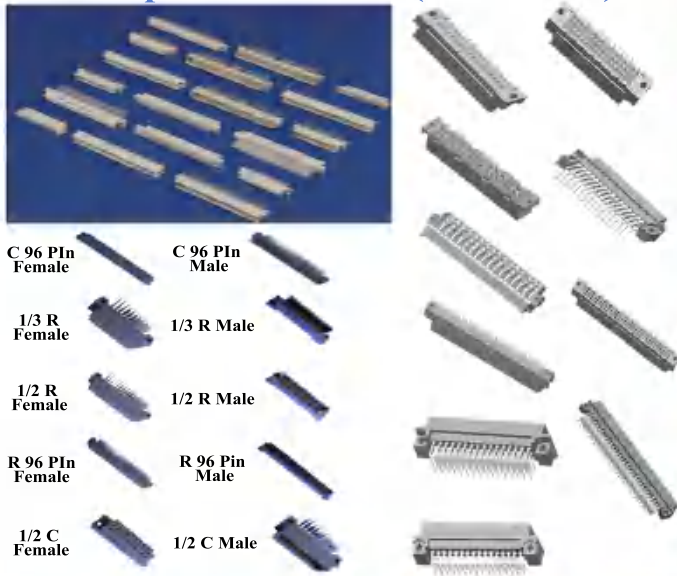
## CH/LW/FZ(FS) Series:



## TLF/TLB/TLU Series:



## European connector (DIN41612):



## Line to board, line to line, board to board type:

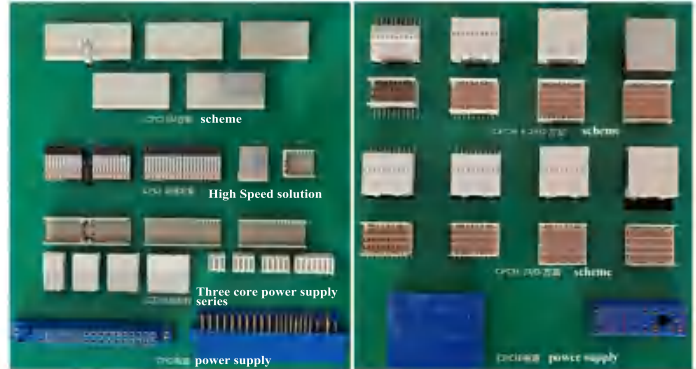


## CPCI, CPCIE



CPCI

CPCIE

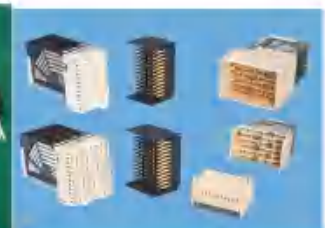


## J30J Series

- Microrectangular cable assembly



## High-speed plate pitch Connector



- Microrectangular series connectors

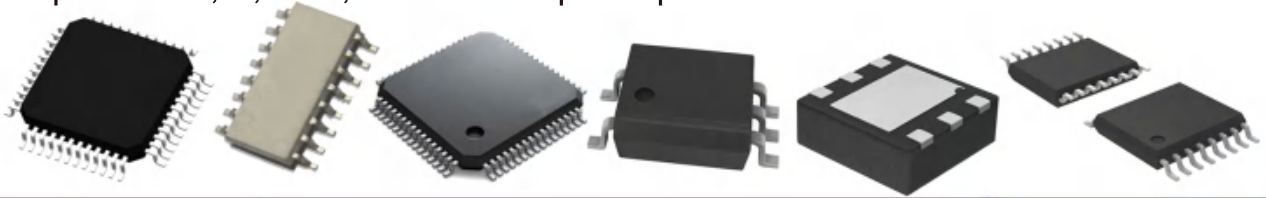


## D-SUB connector



# Power Management IC

Focusing on the research of industrial and automotive grade analog chips. The products have covered fields such as industrial control, industrial energy storage, communication, automotive electronics, consumer electronics, etc. It can replace ADI, TI, MPS, Richtek with pin to pin.



| HLKP      |         |   | ADI/TI/MPS/RT       |         |
|-----------|---------|---|---------------------|---------|
| Part No.  | Package | Des.  | Part No.            | Package |
| HL4628    | LGA/BGA | Dual 8A or single 16A DC/DC Module voltage regulator                | LTM4628(ADI)        | LGA/BGA |
| HL4620    | LGA/BGA | Dual channel 13A or single channel 26A voltage regulator            | LTM4620(ADI)        | LGA/BGA |
| HL4644    | BGA     | Four channel 4A or single channel 16A voltage regulator             | LTM4644(ADI)        | BGA     |
| HL74401   | QFN20   | 3A ultra-low voltage drop linear regulator with soft start function | TPS74401(TI)        | VQFN20  |
| HL29300   | TO263-3 | 3A large current low voltage drop linear regulator                  | TPS29300(TI)        | TO263-3 |
| HL6183    | SOT23-5 | 300mA low power supply PSRR linear regulator                        | FP6183              | DFN-4L  |
| HL29502   | TO263-5 | 5A high current low voltage drop linear regulator                   | TPS29502(TI)        | TO263-5 |
| HL767     | TSSOP28 | Dual low voltage drop linear regulator                              | TPS767D31(TI)       | TSSOP28 |
| HL2628BZ  | SOT563  | High voltage COT buck synchronous converter                         | MP1657(MPS)         | SOT563  |
| HL2638BZ  | SOT563  | High voltage COT buck synchronous converter                         | MP1658(MPS)         | SOT563  |
| HL2658AF  | ESOP8   | High voltage COT buck synchronous converter                         | TPS54528(TI)        | ESOP8   |
| HL3405AC  | SOT23-6 | Low power synchronous buck converter                                | ETA3425(ETA)        | SOT23-6 |
| HL3605A3U | QFN24   | Automotive  | LTC3605             | QFN24   |
| HL3420B   | SOT23-6 | High current synchronous buck converter                             | SY8089<br>(SILERGY) | SOT23-6 |
| HL2492    | SOT23-6 | High voltage synchronous buck converter                             | SY8120B             | SOT23-6 |
| HL1470    | SOT23-6 | High voltage step-down synchronous converter                        | MP1470(MPS)         | SOT23-6 |
| HL1471    | SOT23-6 | High voltage step-down synchronous converter                        | MP1471A(MPS)        | SOT23-6 |
| HL2499A   | ESOP8   | High voltage step-down synchronous converter                        | TPS54329(TI)        | ESOP8   |
| HL2445AD  | SOT23-6 | High voltage step-down synchronous converter                        | ETA2845(ETA)        | SOT23-6 |
| HL3608    | SOT23-6 | High voltage boost converter  | SY7208<br>(SILERGY) | SOT23-6 |
| HL5161    | SSOP14  | Synchronous buck/Fly-Buck converter                                 | LM5161(TI)          | SSOP14  |
| HL3540    | SOT23-5 | Low voltage input boost converter                                   | MP1540(MPS)         | SOT23-5 |
| HL9284    | SOT23-6 | Led driver  | RT9284(RT)          | SOT23-6 |
| HL9201    | SOT23-6 | Led driver  | RT9701(RT)          | SOT23-6 |
| HL4650    | LGA/BGA | Industrial  | LTM4650(ADI)        | LGA/BGA |
| HL4630    | LGA/BGA | Industrial  | LTM4630(ADI)        | LGA/BGA |
| HL9700    | SOT23-5 | Power management unit   | RT9701(RT)          | SOT23-5 |
| HL360516U | QFN24   | Industrial  | LTC3605             | QFN24   |
| HL4644A3B | BGA77   | Automotive  | LTM4644(ADI)        | BGA77   |
| HL4644I6B | BGA77   | Industrial  | LTM4644(ADI)        | BGA77   |



# Fan

Our products are mainly focusing on customization, providing cooling fans of different sizes and air volumes according to customers' heat dissipation needs.

According to the structure, we can divide it into two types: one is a double ball structure with a lifetime of 50000 hours, and the other is a hydraulic structure with a lifetime of 20000 hours. Distinguished from its appearance: square fan, bracket fan, blower, and AC fan. There are over 300 styles.

## Brushless Fan



## Dc Cooling Fan



## Blower fan



## AC Fans



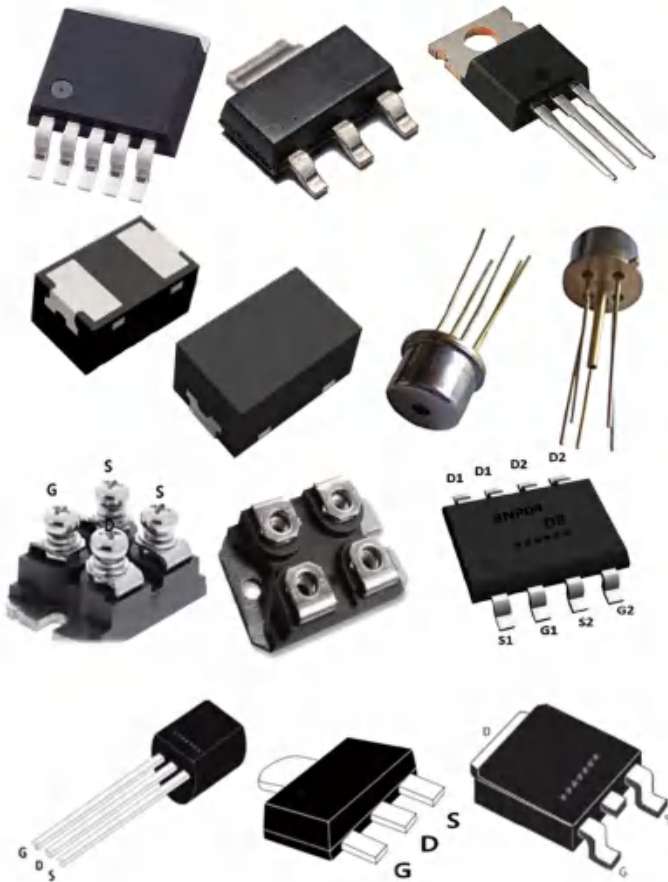
## CPU Cooler Heatsink



# Transistor:

Our main products include: Mosfet device,ESD、TVS、TSS Protection device,LDO Analog IC and IGBT.

We can offer customization service as per your requirement.



# Inductors:

We mainly produce Integrated inductors, Magnetic glue inductors, CD wound inductors, High-frequency stacked inductors, Magnetic beads, Ring inductors, I-shaped inductors, Common mode inductors and Act.

The products are widely used in Communication, Servers, High-tech electronics, Ships, Computers, Data transmission, audio/video processing, and automotive electronic systems.





# Crystal & Oscillator:

We are committed to the R & D, production and sales of frequency components, focusing on the automotive electronics, intelligent security, medical , Bluetooth headset, 5g network industry and etc. The main products:

- 1, Quartz crystal resonator SMD series and DIP series;
  - 2, Crystal Filter;
  - 3, Ceramic Filter;
  - 4, DIP Ceramic Resonator;
  - 5, Quartz crystal oscillator:
- Common Series ;VCXO ; TCXO ;VCTCXO



**Quartz crystal resonator SMD series**



**Quartz crystal resonator DIP series**



**Quartz crystal oscillator**



**Crystal Filter**



**Ceramic Filter**



**DIP Ceramic Resonator**

# Tantalum capacitor:

Our main products : High temperature resistant chip conductive polymer tantalum capacitor, Chip conductive polymer solid tantalum capacitor, Chip solid electrolyte tantalum capacitor, Automotive grade chip solid electrolyte tantalum capacitor, Low ESR chip solid electrolyte tantalum capacitor, High temperature resistant chip solid electrolyte tantalum capacitor. It can replace AVX, KEMET, VISHAY and other brands. Tantalum capacitors are not only used in military communications, aerospace and other fields, but also in industrial control, film and television equipment, communication instruments and other products.

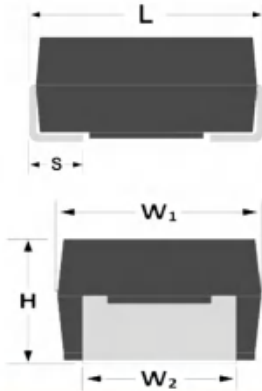
## Product category

| Series | Executive standard | External drawing | Capacity range (μF) | Voltage range (V) | Dimension shell number     |
|--------|--------------------|------------------|---------------------|-------------------|----------------------------|
| HL55   | QJ/PWW517-2013     |                  | 0.68 ~ 1000         | 2.5~ 50           | A, B, C, H, H1, D, E, F, V |
| HL55H  | QJ/PWW527-2019     |                  | 0.47~ 220           | 2.5~ 50           | A, B, C, H, H1, D, E, F, V |
| HL45   | QJ/PWW109-2003     |                  | 0.1 ~ 2200          | 2.5~ 50           | A, B, C, D, E, V           |
| QHL45  | QJ/XY-2015         |                  | 0.1 ~ 680           | 4~ 50             | A, B, C, H, D, E, F, V     |
| HL45L  | QJ/PWW305- 2008    |                  | 0.47 ~ 1000         | 4~ 50             | A, B, C, H, D, E, F, V     |
| HL45H  | QJ/PWW326-2010     |                  | 0.47~ 220           | 4~ 50             | A, B, C, H, D, E, F, V     |

## Product case

| EIA  | EIA& Shell Number & Size Table (Metric: mm) |         |         |         |                   |           |      |                 |
|------|---|---------|---------|---------|-------------------|-----------|------|-----------------|
|      | AVX   |         | KEMET   |         | PANASONIC (SANYO) |           | HLKP |                 |
| 3216 | K   | 3216-10 |         |         |                   |           |      |                 |
|      | S   | 3216-12 |         |         |                   |           |      |                 |
| 3528 | A   | 3216-18 | A       | 3216-18 | A14               | 3216-14   | A    | 3216-16         |
|      | T   | 3528-12 | T       | 3528-12 | B1G, B1S, B1      | 3528-11   |      |                 |
|      | H   | 3528-15 | M       | 3528-15 | B15G              | 3528-14   |      |                 |
| 6032 | B   | 3528-21 | B       | 3528-19 | B2S, B2           | 3528-19   | B    | 3528-19 3528-25 |
|      | W   | 6032-15 | U       | 6032-15 |                   |           |      |                 |
|      | F   | 6032-20 | L       | 6032-19 |                   |           |      |                 |
|      | C   | 6032-28 | C       | 6032-25 |                   |           | C    | 6032-25         |
| 7343 |   |         | T       | 7343-12 | D12               | 7343-1.15 |      |                 |
|      | X   | 7343-15 | W       | 7343-15 | D15E, D15S, D15   | 7343-14   | H1   | 7343-15         |
|      | Y   | 7343-20 | V       | 7343-19 | D2E, D2           | 7343-19   | H    | 7343-19         |
|      | D   | 7343-31 | D       | 7343-28 | D3L               | 7343-28   | D    | 7343-28         |
|      |   |         | Y       | 7343-40 | D4                | 7343-38   | E    | 7343-41         |
| 7360 | E   | 7343-43 | X       | 7343-43 |                   |           |      |                 |
|      |   |         | J       | 7360-15 |                   |           |      |                 |
|      |   |         | H       | 7360-20 |                   |           |      |                 |
|      | V   | 7361-38 |         |         |                   |           | F    | 7361-19         |
|      |   | U       | 7361-43 |         |                   |           | V    | 7361-36         |

## HL55 chip tantalum capacitor



| HLKP  | AVX       | KEMET              | VISHAY |
|-------|-----------|--------------------|--------|
| HL55  | TCJ / TCM | T520 / T525 / T530 | T55    |
| HL55H | TCJ / TCM | T520 / T525 / T530 | T55    |

### Product size

| Case Code | EIA Code | EIA Metric | L         | W <sub>1</sub> | H         | S         | W <sub>2</sub> |
|-----------|----------|------------|-----------|----------------|-----------|-----------|----------------|
| A         | 1206     | 3216-16    | 3.20±0.20 | 1.60±0.20      | 1.60±0.20 | 0.80±0.20 | 1.20±0.20      |
| B         | 1210     | 3528-19    | 3.50±0.20 | 2.80±0.20      | 1.90±0.20 | 0.80±0.20 | 2.20±0.20      |
| C         | 2312     | 6032-25    | 6.00±0.30 | 3.20±0.30      | 2.50±0.30 | 1.30±0.30 | 2.20±0.30      |
| H         | 2917     | 7343-20    | 7.30±0.30 | 4.30±0.30      | 2.00±0.30 | 1.30±0.30 | 2.40±0.30      |
| D         | 2917     | 7343-28    | 7.30±0.30 | 4.30±0.30      | 2.80±0.30 | 1.30±0.30 | 2.40±0.30      |
| E         | 2917     | 7343-43    | 7.30±0.30 | 4.30±0.30      | 4.10±0.30 | 1.30±0.30 | 2.40±0.30      |
| F         | 2924     | 7361-19    | 7.30±0.30 | 6.10±0.30      | 1.90±0.30 | 1.35±0.30 | 4.00±0.30      |
| V         | 2924     | 7361-36    | 7.30±0.30 | 6.10±0.30      | 3.60±0.30 | 1.35±0.30 | 3.00±0.30      |

| Technical parameter              | All technical parameters are measured at 1 atmosphere, +25°C   |
|----------------------------------|--|
| Service temperature range        | -55°C ~ +125°C   |
| Nominal capacity range           | 0.68 ~ 1000µF at 100 Hz  |
| Capacity tolerance               | Class M (±20%);  |
| Dc leakage current DCL           | C <sub>R</sub> ≤16V, DCL= 0.1CV (µA); C <sub>R</sub> ≥20V, DCL =0.01CV, rated voltage charge 5 minutes measurement |
| Equivalent series resistance ESR | See Product codes and their specification tables   |
| Pin coating                      | Pure tin coating (standard), gold coating or tin lead coating to separate requirements                             |
| Resistance to welding heat       | Maximum 3x260°C, 10s reflow  |

## HL45 chip solid electrolyte tantalum capacitor



| HLKP  | AVX             | KEMET                     | VISHEY |
|-------|-----------------|---------------------------|--------|
| HL45  | TAJ / F93 / TLJ | T489 / T490 / T491 / T493 | 293D   |
| HLA45 | TAJ / F93 - AJ6 | T489 / T490 / T491        |        |
| HL45L | TPS / F91 / TPM | T494 / T495 / T510 / TSM  | 593D   |
| HL45H | THJ             | T498                      | TH3    |

### Product size

| Case Code | EIA Code | EIA Metric | L         | W <sub>1</sub> | H         | S         | W <sub>2</sub> |
|-----------|----------|------------|-----------|----------------|-----------|-----------|----------------|
| A         | 1206     | 3216-16    | 3.20±0.20 | 1.60±0.20      | 1.60±0.20 | 0.80±0.20 | 1.20±0.20      |
| B         | 1210     | 3528-19    | 3.50±0.20 | 2.80±0.20      | 1.90±0.20 | 0.80±0.20 | 2.20±0.20      |
| C         | 2312     | 6032-25    | 6.00±0.30 | 3.20±0.30      | 2.50±0.30 | 1.30±0.30 | 2.20±0.30      |
| H         | 2917     | 7343-20    | 7.30±0.30 | 4.30±0.30      | 2.00±0.30 | 1.30±0.30 | 2.40±0.30      |
| D         | 2917     | 7343-28    | 7.30±0.30 | 4.30±0.30      | 2.80±0.30 | 1.30±0.30 | 2.40±0.30      |
| E         | 2917     | 7343-43    | 7.30±0.30 | 4.30±0.30      | 4.10±0.30 | 1.30±0.30 | 2.40±0.30      |
| V         | 2924     | 7361-36    | 7.30±0.30 | 6.10±0.30      | 3.60±0.30 | 1.35±0.30 | 3.00±0.30      |

| Technical parameter             | All technical parameters are measured at 1 atmosphere, +25°C                             |
|---------------------------------|--|
| Capacity range                  | 0.47µF ~ 2200µF  |
| Capacity tolerance              | ±10%; ±20%;  |
| Rated voltage (V <sub>R</sub> ) | ≤+85°C: 2.5 4 6.3 10 16 20 25 35 50  |
| Class voltage (V <sub>c</sub> ) | ≤+125°C: 1.7 2.7 4 6.3 10 15 17 23 33  |
| Surge voltage (V <sub>s</sub> ) | ≤+85°C: 3.3 5.2 8 13 20 26 32 46 65  |
| Surge voltage (V <sub>s</sub> ) | ≤+125°C: 2.2 3.4 5 8 13 16 20 28 40  |
| Temperature range               | -55°C to +125°C  |
| Extraction coating              | Tin coating (standard), gold coating or tin lead coating to make additional requirements |

## Workshop and quality inspection



## Warehouse





- Китайский бренд микроконтроллера MCU, DAC(ADC), Ethernet PHY chip, Power Management IC, можно PIN to PIN замена для ST, NXP, ADI, TI, MAXIM, Realtek.
- мы можем предоставить индивидуальные услуги в соответствии с вашими потребностями, например: Разъемы, вентиляторы, транзисторы, катушки индуктивности, танталовые конденсаторы, кристаллы и генераторы.
- Могут отдать все спецификации BOM

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Beijing Hongli Kunpeng International Trade Co., Ltd.



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