



ISO 9001:2015

Manufacturer Since 1990

# Kingtronics® Kt® International Company

Company Profile

[www.kingtronics.com](http://www.kingtronics.com) [www.kingtronics.cn](http://www.kingtronics.cn) [www.m7diode.com](http://www.m7diode.com)  
[www.ecap.hk](http://www.ecap.hk) [www.diodes.hk](http://www.diodes.hk)

# PART ONE

1

## Kingtronics History

## Kingtronics History

- 1990 Kingtronics established first factory producing trimming potentiometer in Chengdu
- 1995 Kingtronics set up sales office in Dongguan, Guangdong
- 1997 added dipped tantalum capacitors production lines
- 1998 Hong Kong warehouse center set up
- 1999 set a new factory produce multilayer ceramic capacitors in Guangdong
- 2000 started to produce SMD rectifier M7, diode and rectifiers
- 2002 expanded bridge rectifier production lines and get UL approval
- 2005 ISO 9000:2008 implemented in all product control
- 2008 sales network covers all over the world and set up distributors individually
- 2010 registered a new trade mark "Kt" in HongKong
- 2016 Started to explore overseas market for Aluminum Electrolytic Capacitors after cumulating several decades' sales experience and receiving lots of positive reputation in mainland China & HK
- 2018 Started to shift business to overseas market for SMD 3mm Chip Ceramic Trimmer Capacitor & Tact Switches from mainland China & HK market.
- 2020 Expanded business to international market in March for DKT-Super Capacitors, while XKT-Metal Oxide Varistors and NKT-Negative Temperature Coefficient Thermistors became available for abroad customers in August.
- 2023 Expanded Film Capacitors Production Lines and Get VDE , ENEC and UL Approval

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## Kingtronics Brief Introduction

**Kingtronics International was established in 1995 in Hong Kong.**

**Our factories in Sichuan and Guangdong China produces our brand under the trademarks Kt and Kingtronics. Now with around 850 workers.**

**Kingtronics produces two kinds of electronic components.**

**Passive components like Aluminum Electrolytic Capacitors(Snap-in, SMD, Radial Type) and other capacitors.**

**Active components like Diodes & Transistors and Bridge Rectifiers. All our products are RoHS compliant, Reach standard.**

**Thanks to our valuable customers and the professional Kingtronics team, we built up good reputation in European market, as well as South America, USA, Canada, South Africa markets and so on after many years' hard-working.**

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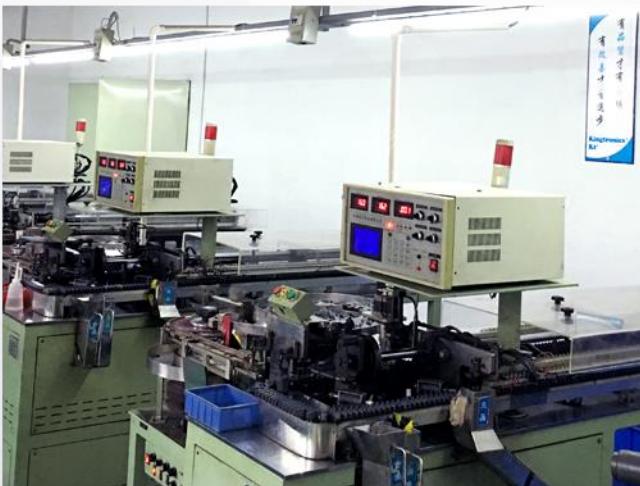
## Kingtronics Production Line (Total: 49 lines)

- GKT - Aluminum Electrolytic Capacitor (**Polymer, Axial, Radial, Snap-in, Screw and Lug, SMD Chip Type**)
- RKT - Trimming Potentiometer (**SMD 3313, SMD3224**)  
**3296 3006 3386 3299 3266 3323 3329 3318 3303 3306 3309 3540 C3305 065**
- TKT - Dipped Tantalum Capacitors
- MKT & AKT - Radial & Axial Multilayer Ceramic Capacitors
- YKT & ZKT - Hybrid & Axial Tantalum Capacitors
- Diodes Transistors & Bridge Rectifiers
- QKT - Quartz Crystals and Oscillators
- SKT - Gas Tube Surge Arresters (**2R, 3R and SMD Type**)
- KKT - SMD 3mm Ceramic Trimmer Capacitor
- WKT - DIP and SMD Tact Switches
- XKT - Metal Oxide Varistor (**05D,07D,10D,14D,20D**)
- NKT - NTC Negative Temperature Coefficient Thermistor
- DKT - Radial, Snap-in, Screw and Coin, Combined Type Super Capacitors
- FKT - Film Capacitors (**Hot**) (Metallized Polyester Film Capacitor, X2 Metallized Polypropylene Film Capacitor (310VAC), Power Film Capacitor, DC-Link Capacitor, AC-Link Capacitor)



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# Kingtronics Factory



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# Kingtronics Factory

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# PART TWO



## Kingtronics Products

**Kingtronics® Kt® International Company**

# GKT- Aluminum Electrolytic Capacitor

## Kingtronics Strong Product

- . Axial Type
- . Radial Type
- . Snap-in Type
- . Screw Type
- . Lug Type
- . SMD Chip Type

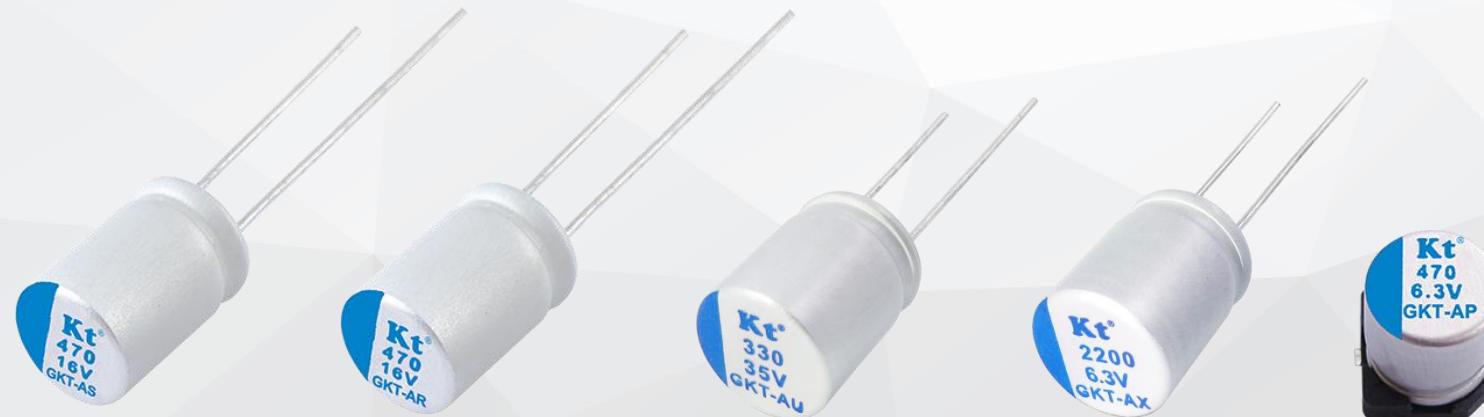


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# GKT- Polymer Aluminum Solid Electrolytic Capacitors

## Polymer Aluminum Solid Electrolytic Capacitors - SMD and Radial Type

Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-AS	2000H	105° C	Standard Low ESR
GKT-AR	2000H	105° C	Super Low ESR
GKT-AU	2000H	125° C	High Ripple Current
GKT-AX	2000H	125° C	High Temperature
GKT-AP	2000H	105° C	Low ESR



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# GKT- Aluminum Electrolytic Capacitor



## Aluminum Electrolytic Capacitors - Radial Type

Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-GS	2000H	85 ° C	Super Miniaturized
GKT-GT	2000H	105 ° C	High Temperature
GKT-GH	2000H	105 ° C	Low Impedance
GKT-GL	5000H	105 ° C	Long Life
GKT-GD	3000H-6000H	105 ° C	Miniaturized, long life
GKT-GE	5000H	130 ° C	Long life
GKT-GF	5000H	105 ° C	Miniaturized,high stability
GKT-GQ	4000H~10000H	105 ° C	Long life, Miniature
GKT-GR	3000H~6000H	105 ° C	Long life,High frequency
GKT-GU	3000H	105 ° C	Lowest impedance
GKT-GZ	6000H-10000H	105 ° C	Extremely long life
GKT-GN	1000H	105 ° C	Non-Polarized
GKT-GW	2000H	105 ° C	Extra Lower Impedance

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## GKT- Aluminum Electrolytic Capacitor



### Aluminum Electrolytic Capacitors - Axial Type

Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-AL	2000H	85 ° C	Low Leakage Current
GKT-AV	2000H	85 ° C	Standard
GKT-AT	1000H	105 ° C	Standard

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# GKT- Aluminum Electrolytic Capacitor

## Aluminum Electrolytic Capacitors For Audio System- Axial Type

Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-AA	1000H	105 ° C	Audio, DF at Max 4% BP
GKT-AM	1000H	105 ° C	Audio, DF at Max 5% BP
GKT-AN	1000H	105 ° C	Audio, DF at Max 10% BP
GKT-AQ	1000H	105 ° C	Audio, DF at Max 10% BP
GKT-AB	2000H	105 ° C	Non-Polarized
GKT-AC	2000H	105 ° C	Bi-Polarized
GKT-AD	1000H	105 ° C	Audio, Standard



# GKT- Aluminum Electrolytic Capacitor

## Aluminum Electrolytic Capacitors - SMD Type

Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-VA	2000H	85 ° C	Standard
GKT-VT	1000H~2000H	105 ° C	Standard
GKT-VC	2000H	105 ° C	Low Leakage Current
GKT-VE	2000H-3000H	105 ° C	Long Life
GKT-VK	2000H-3000H	105 ° C	Extra Lower Impedance
GKT-VL	3000H-5000H	105 ° C	Extra Long Life
GKT-VN	2000H	105 ° C	Bi-polar
GKT-VZ	1000H-2000H	105 ° C	Low Impedance
GKT-VU	3000H	105 ° C	Long Life
GKT-VD	5000H	105 ° C	Long Life
GKT-VW	10000H	105 ° C	Long Life
GKT-VH	1000H-2000H	125 ° C	Long Life
GKT-VF	2000H-5000H	105 ° C	Super Low Impedance
GKT-VR	2000H-3000H	105 ° C	Small Size
GKT-VX	2000H	105 ° C	Small Size
GKT-VY	2000H	105 ° C	Small Size
GKT-VJ	2000H	105 ° C	Small Size



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# GKT- Aluminum Electrolytic Capacitor

## Aluminum Electrolytic Capacitors - Snap-in, Lug and Screw Type



Kingtronics P/N	Load Life	Temperatures	Characteristic
GKT-SB	1000H	85° C	Snap-in, High Ripple Current
GKT-SS	2000H	85° C	Snap-in, High Ripple Current
GKT-ST	2000H	105° C	Snap-in, High Ripple Current
GKT-SC	5000H	85° C	Snap-in, High Ripple Current
GKT-SD	3000H	105° C	Snap-in, High Ripple Current
GKT-CA	2000H	85° C	Screw, High Ripple Current
GKT-CB	2000H	105° C	Screw, High Ripple Current
GKT-UA	1000H	85° C	Lug, Standard product

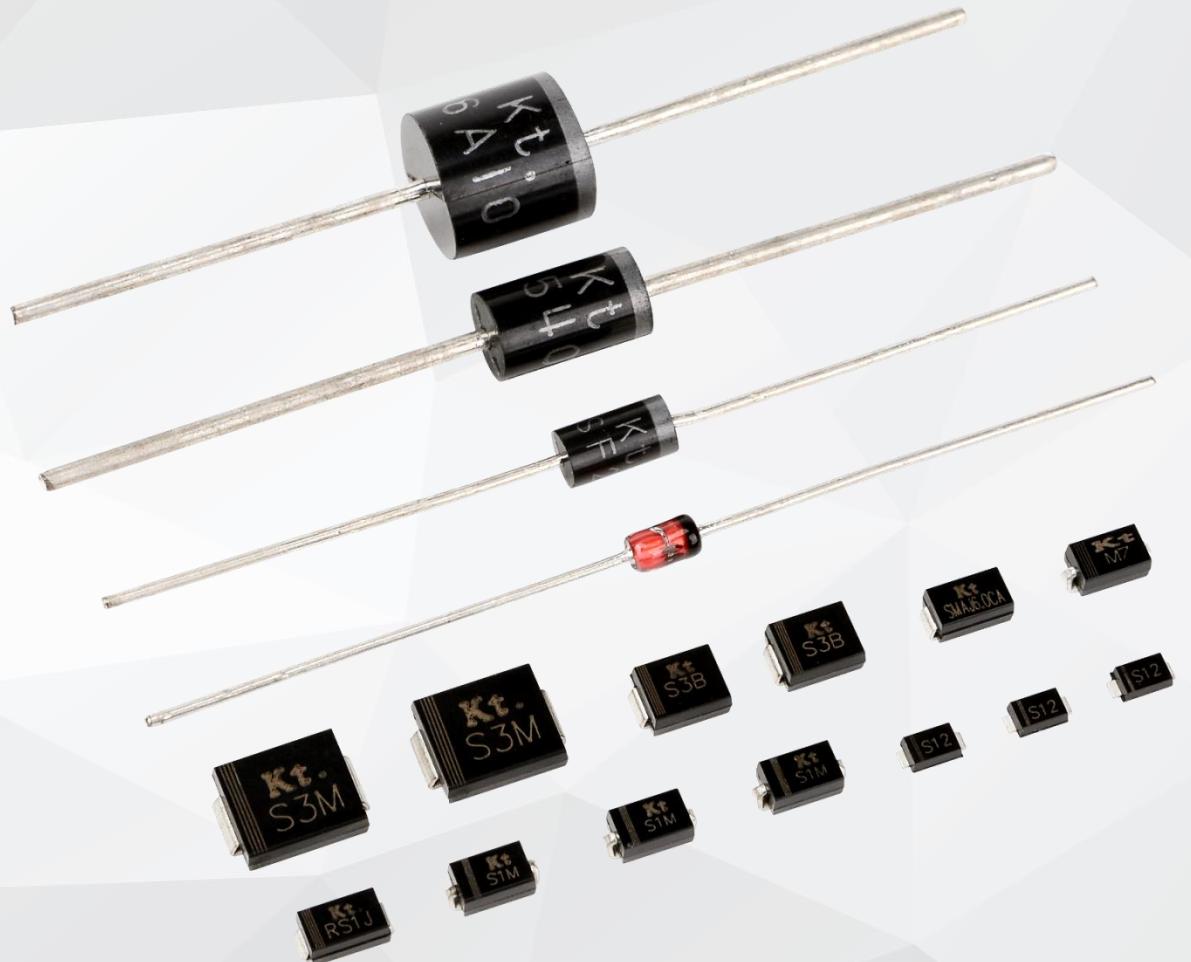
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## Diode Rectifier and Transistors

**Diode Rectifier:** diode M7, LL4148, S1M, GS1M, RS1M, SM4007, UF4007, 1A7, 6A10, 1N4937, 1N5343B...

**Zener Diode:** ZV55C, BZX55C, BZX84C, BZX85C, 1N4727A-1N4761A, ZM4728 ~ZM4761, ZMM1 thru ZMM75...

**Small Signal Transistor :** BC807, BC807, BC817, BC846-BC850, BC856, BC859, MMBT3904, MMBT3906, MMBT8050



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## Diode Rectifier M1-M7

**5 production line, 50kk/Month**

SMD rectifier M7 surface mount general rectifier:

M1-M7: 1A, 50V-1000V, SMA, S1M

Very Attractive Price

1-2 weeks lead time, regular stock available,

5Kpcs per reel or 7.5Kpcs per reel



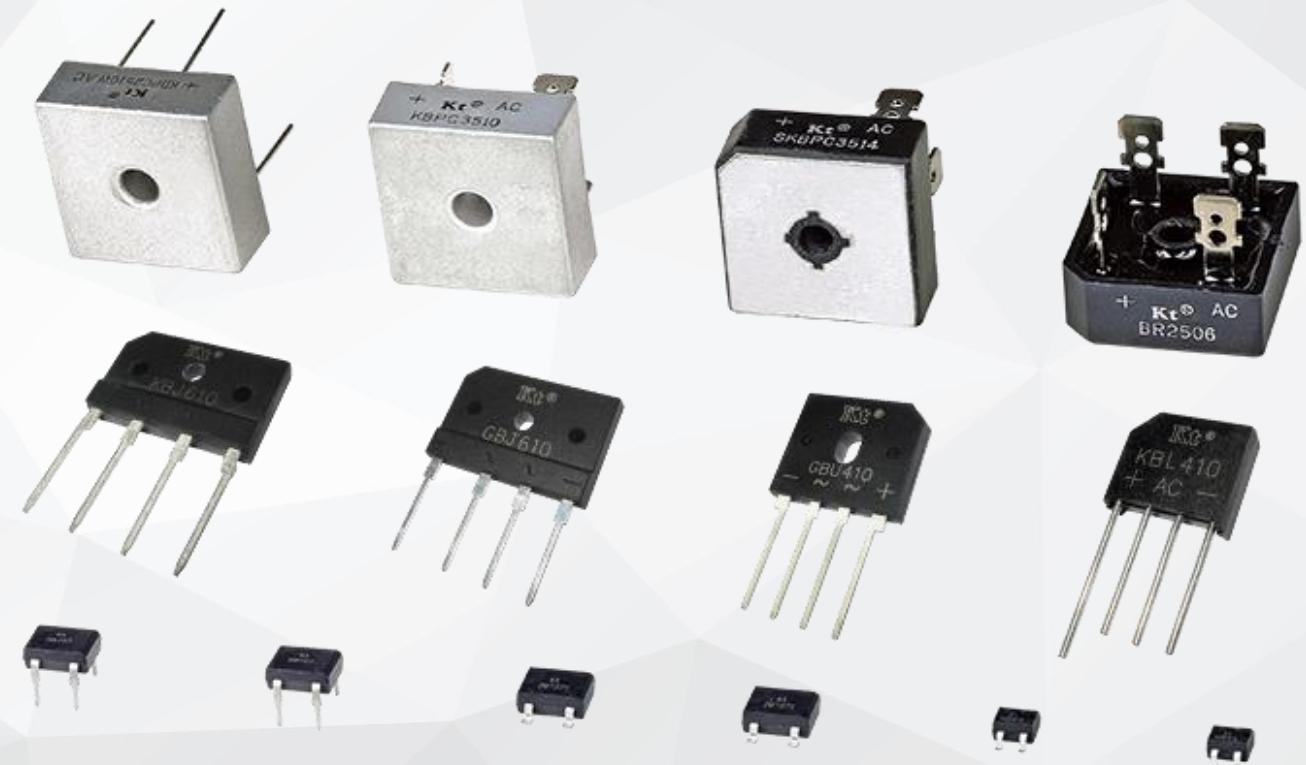
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## Bridge Rectifier

5 production line, 8kkpcs/m

### Bridge Rectifier:

DB101-DB107, DB101S-DB107S,  
MB2S-MB10S, KBL4005-KBL410,  
KBU6005-KBU610, KBP2005-KBP210,  
GBU4005-GBU410, GBJ6005-GBJ610,  
KBPC25005-KBPC2510, ABS2-ABS10,  
KBPC25005W-KBPC2510W,  
KBPC35005-KBPC3510,  
KBPC35005W-KBPC3510W, W04M...



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## RKT - Trimming Potentiometer

**5 production line, out put 2kk pcs/month**

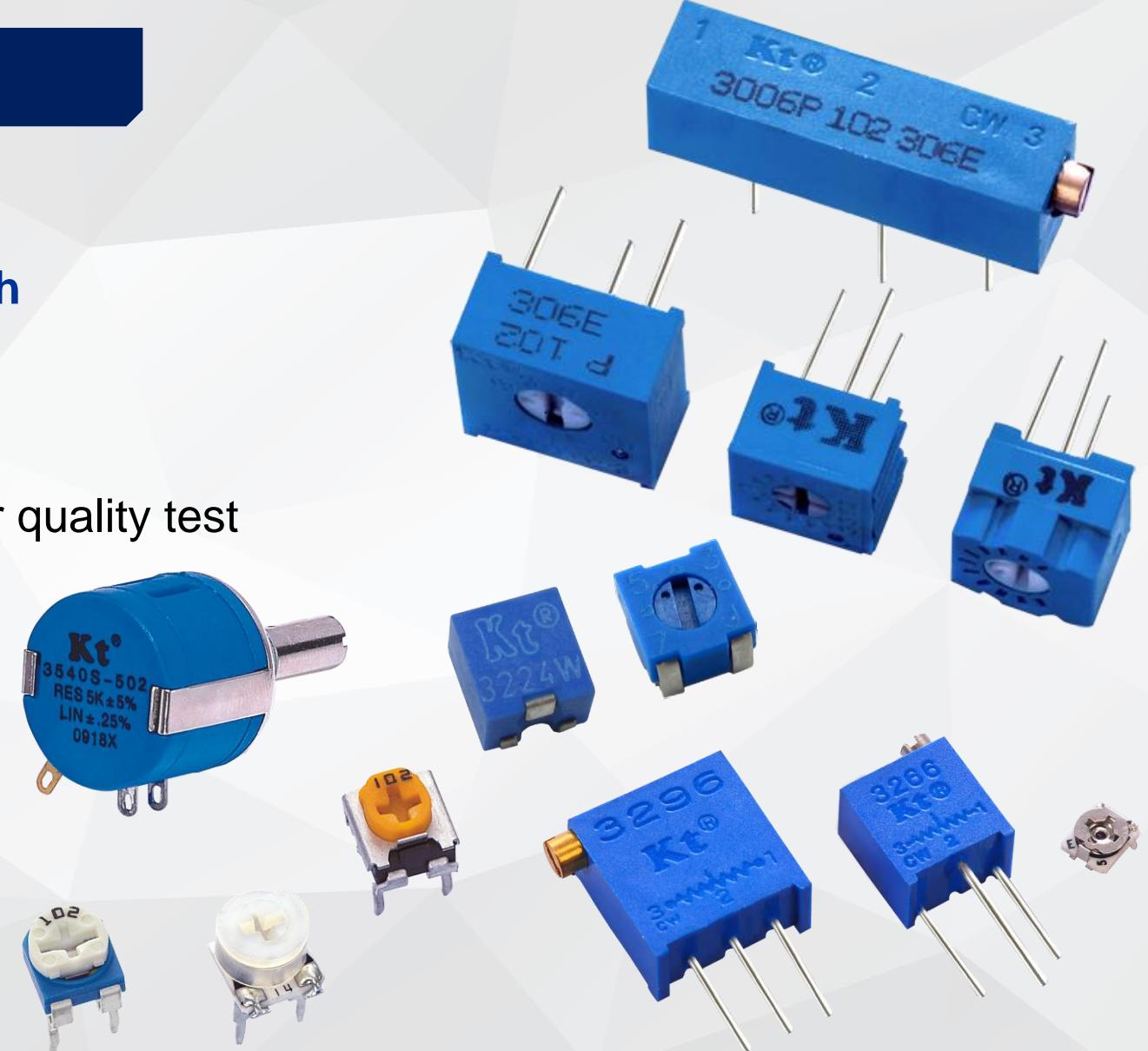
20 years production experience

Good quality, free samples are available for quality test

4-5 weeks Lead Time for common items

Regular samples stock is available

ISO & SGS Certified; RoHS compliant



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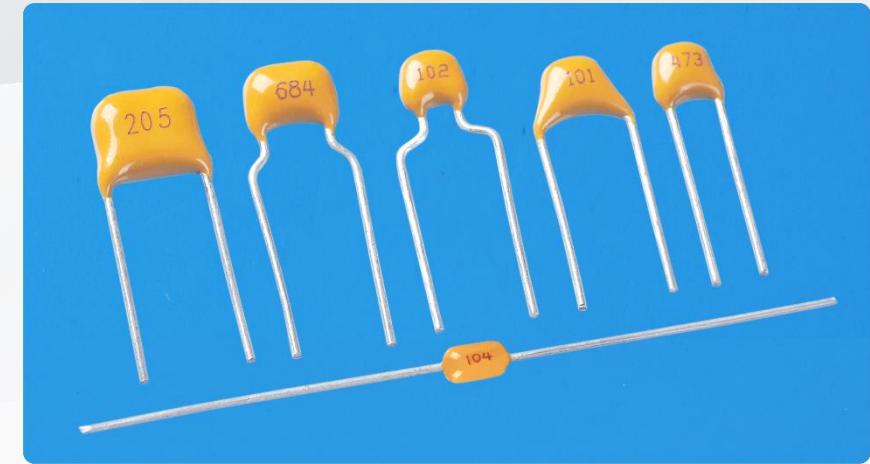
## Multilayer Ceramic Capacitor

**MKT - Radial Multilayer Ceramic Capacitor (NPO, X7R, Y5V)**  
5 production line, out put 10kk/mon

**AKT - Axial Ceramic Capacitor (NPO, X7R, Y5V)**  
1 production line, 2kk/mon  
Tolerance  $\pm 20\%$ ;  $\pm 10\%$ ;  $\pm 5\%$

**SMD Multilayer Ceramic Capacitor**  
(0402, 0603, 0805, 1206, 1210, 1812, 25V,  
50V, 500V, 1000V, 2000V, 4000V)

**Lead Time for MKT/AKT:** Normally about 4 weeks



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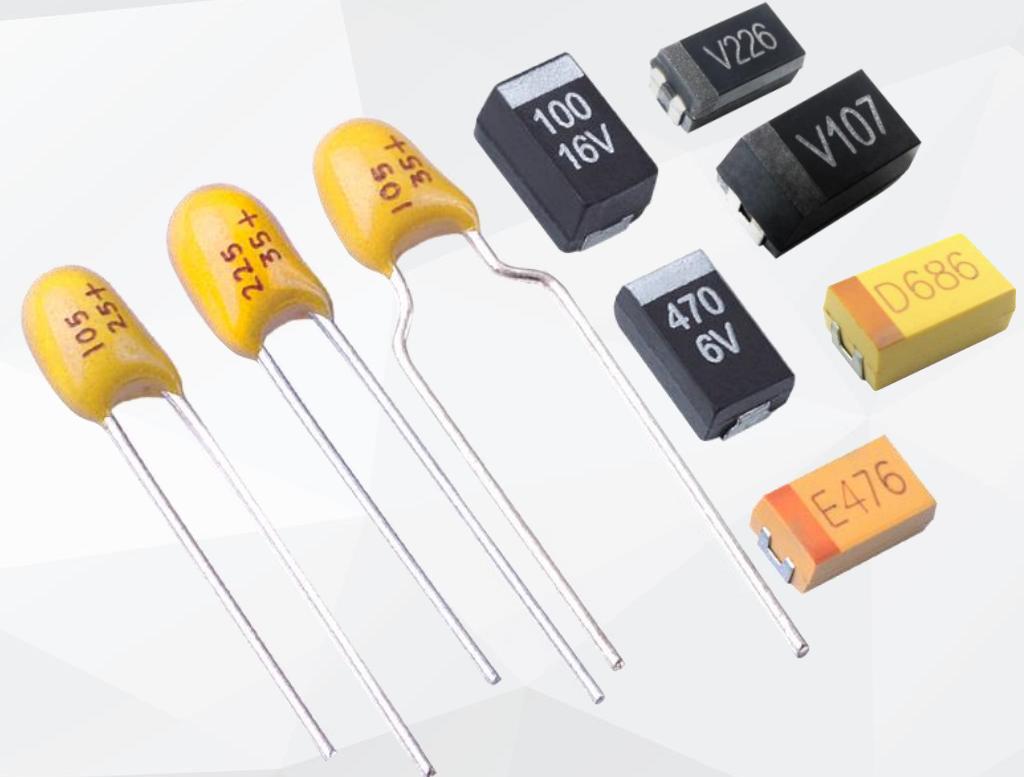
## TKT - Dipped Tantalum Capacitor

**3 production line, out put 2.5kk/month**

Ammo and Bulk Packaging Available

Tolerance  $\pm 20\%$ ;  $\pm 10\%$ ;  $\pm 5\%$  (for special order)

Dipped tantalum cap meets & exceeds the requirements of IEC Spec 384-15-3, IECQ Spec QC300201/US003 & J/T10856-96, RoHS Compliant.



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# Hybrid, Axial Tantalum Capacitors

SERIES	DESCRIPTION	CAP. RANGE	VOLT. RANGE (DC)
YKT-001	Hybrid, Radial-lead, Heteropolarity	160 - 50000µF	10V - 125V
YKT-002	Hybrid, Radial-lead, Heteropolarity	1100 - 150000µF	10V - 125V
YKT-003	Hybrid, Radial-lead, Heteropolarity	2200 - 230000µF	10V - 125V
YKT-1W0	Radial-lead, Heteropolarity, screws	160 - 50000µF	10V - 125V
YKT-2W0	Radial-lead, Heteropolarity, screws	1100 - 150000µF	10V - 125V
YKT-3W0	Radial-lead, Heteropolarity, screws	2200 - 230000µF	10V - 125V
YKT-2W3	Radial-lead, Heteropolarity, 3 screws	5600 - 24000µF	50V - 80V
YKT-00L	Hybrid, Radial-lead, Heteropolarity	68 - 22000µF	10V - 125V
YKT-00Z	Combined Non-solid Electrolytic	160 - 50000µF	150V - 5000V
YKT-005	Hybrid, Square, Heteropolarity	160 - 50000µF	50V
YKT-2FB	Hybrid, With Mounting flange	8000- 11000µF	10V - 125V
YKT-00F	Hybrid, With Mounting flange	560- 230000µF	10V - 125V
YKT-2F0	Hybrid, With Mounting flange	1100 - 100000µF	10V - 125V
ZKT-30	Silver Axial Wet Tantalum Capacitors	0.5 - 3300 µF	6.3V - 125V
ZKT-35	Silver Axial Wet Tantalum Capacitors	1 - 1500 µF	6.3V - 125V
ZKT-01	Silver Axial Wet Tantalum Capacitors	0.1 - 1000µF	6.3V - 100V



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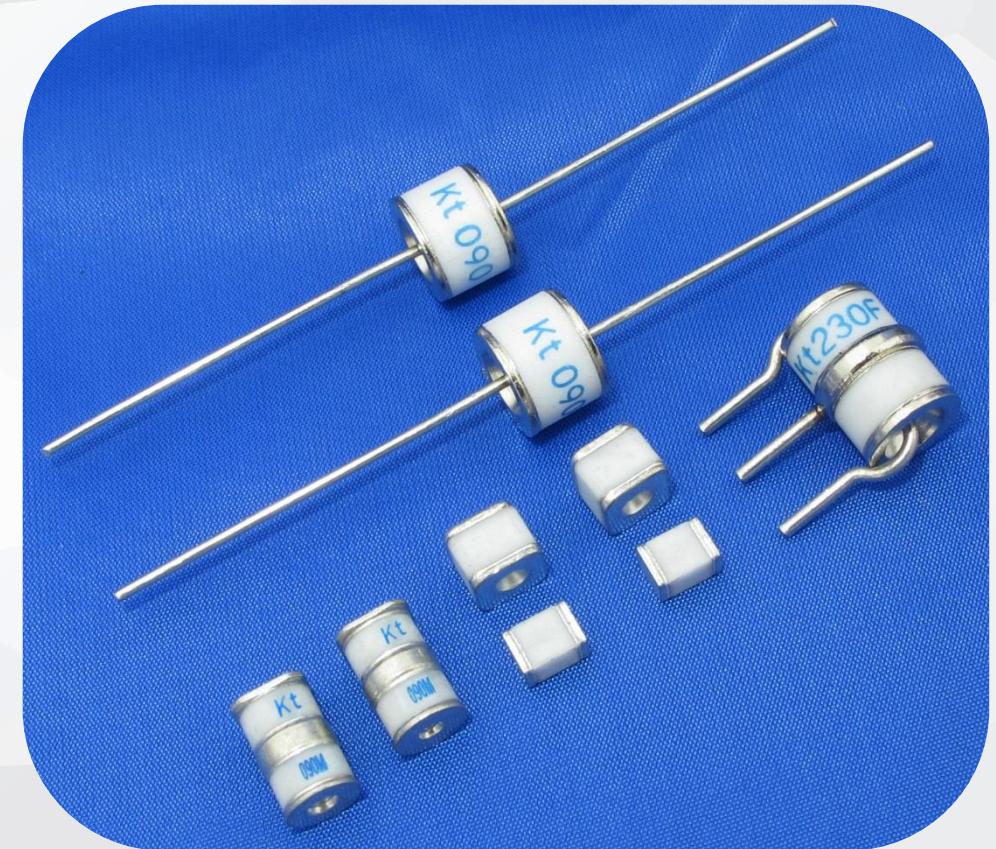
## SKT – Gas Tube Surge Arrester

### 2-Electrode Surge Arresters

(2-Electrode Arresters, 2R-SMD4532, 2R-SMD5042)

### 3-Electrode Surge Arresters

(3-Electrode Arresters, 3R-SMD5076)



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## **QKT- Quartz Crystals and Oscillators**

**QKT-HC49U** - Leaded Quartz Crystal

**QKT-HC49S** - Leaded Quartz Crystal

**QKT-HC49SMD** - SMD Quartz Crystal

**QKT-1612SMD** - SMD Quartz Crystal

**QKT-2016SMD** - SMD Quartz Crystal

**QKT-2520SMD** - SMD Quartz Crystal

**QKT-3225SMD** - SMD Quartz Crystal

**QKT-5032SMD** - SMD Quartz Crystal

**QKT-OSC2520** - SMD Oscillator

**QKT-OSC3225** - SMD Oscillator

**QKT-OSC5032** - SMD Oscillator

**QKT-OSC7050** - SMD Oscillator

**QKT-3215SMD** - SMD Quartz Crystal

**QKT-7015SMD** - SMD Quartz Crystal

**QKT-2060DIP** - Tuning Fork Crystal

**QKT-3080DIP** - Tuning Fork Crystal



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## WKT - DIP and SMD Tactile (Tact) Switches

### Tact Switches - DIP Type



### Tact Switches - SMD Type



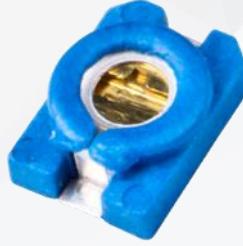
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## KKT - SMD 3mm Chip Ceramic Trimmer Capacitor

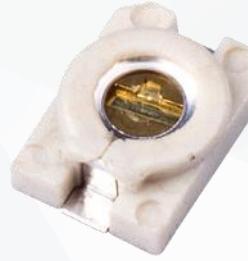
Small size with external dimension of 3.2(W) x 4.5(L) x 1.5(T) mm



3pF



6pF



10pF



20pF

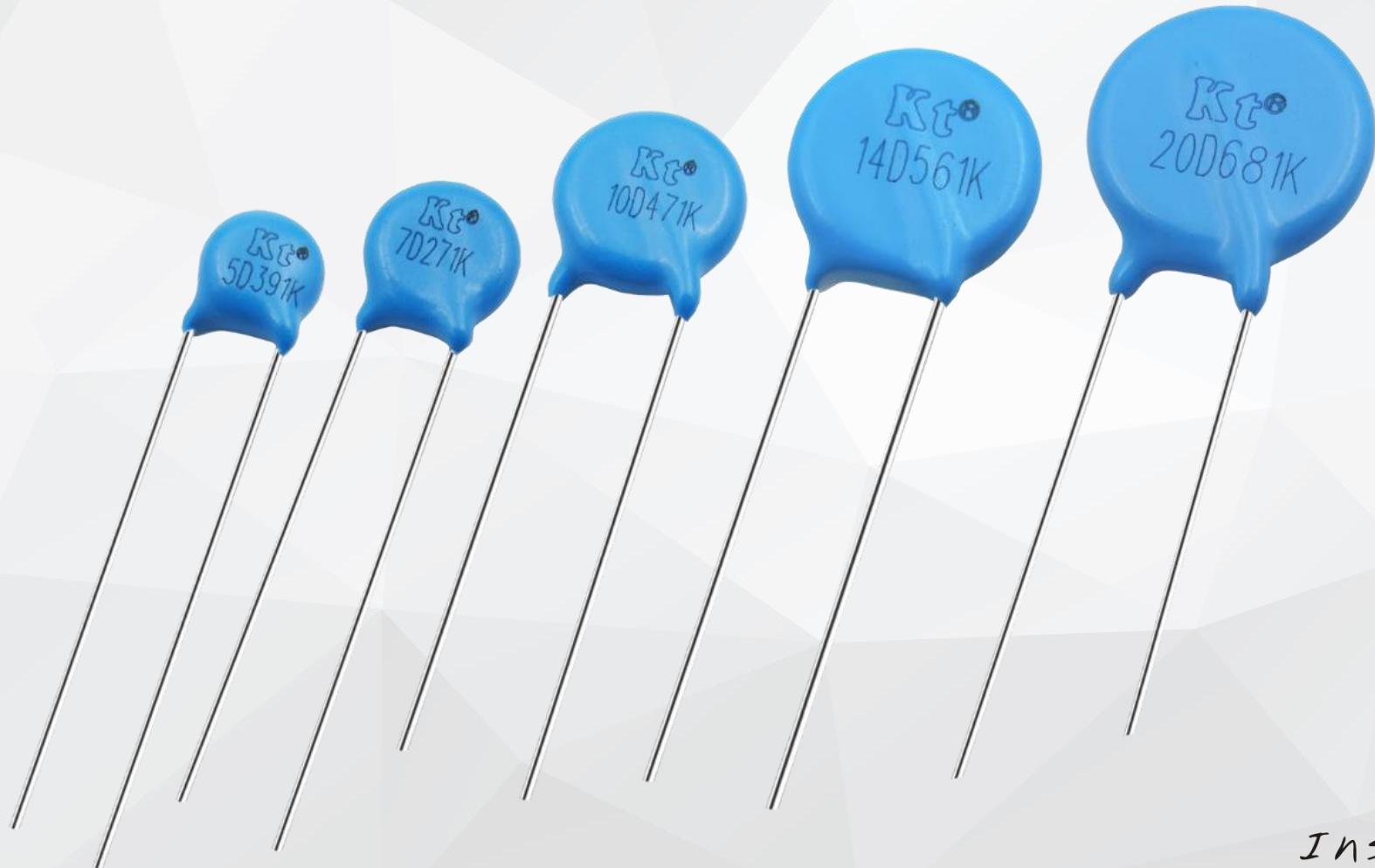


30pF

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## XKT - Metal Oxide Varistor (05D,07D,10D,14D,20D)

Kingtronics offers high quality XKT 05D to 20D Metal Oxide Varistor at incredibly aggressive prices.



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## NTC Negative Temperature Coefficient Thermistor

Kingtronics offers high quality Negative Temperature Coefficient Thermistorr at incredibly aggressive prices and different material. They are Silicone and Phenolic-Resin.



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## Radial, Snap-in, Screw and Coin Type Super Capacitors

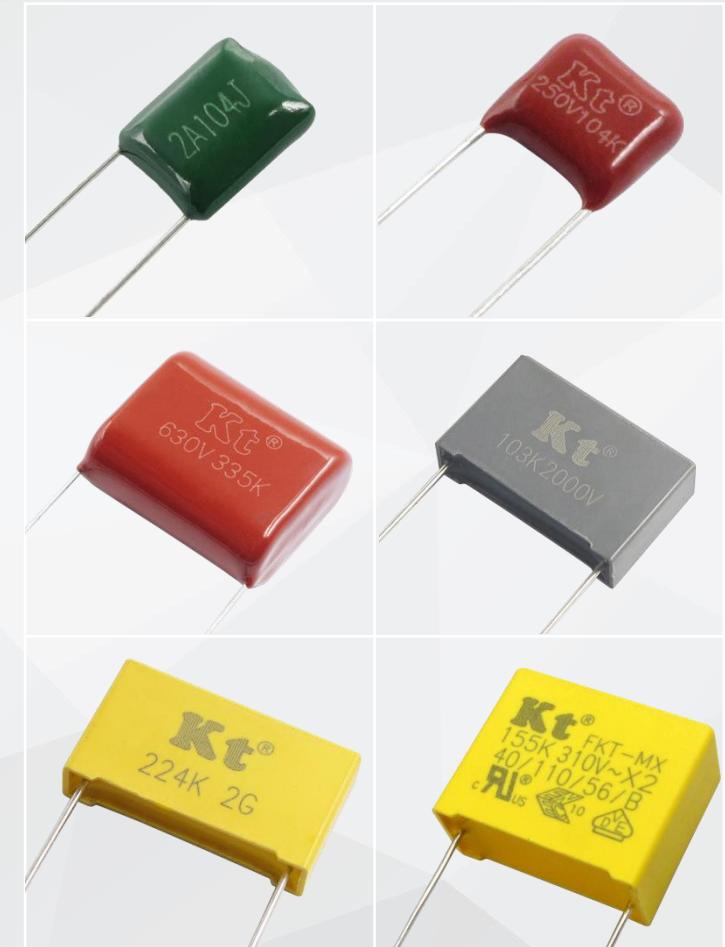
- ◆ Standard coin-type, Radial type, Snap-in type, Screw Type, Combined Type
- ◆ Small-sized, large capacity
- ◆ Low leakage current
- ◆ High energy and high power
- ◆ Low ESR
- ◆ Pb-free and RoHS compliant



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## Film Capacitors

- ◆ FKT-MB Box Type Metallized Polyester Film Capacitor
- ◆ FKT-MF Box Type Metallized Polypropylene Film Capacitor
- ◆ FKT-MX X2 Metallized Polypropylene Film Capacitor (**Hot**)
- ◆ FKT-MH High Voltage Box Type Metallized Polypropylene Film Capacitor
- ◆ FKT-MP Mylar Polyester Film Capacitor
- ◆ FKT-MC Metallized Polyester Film Capacitor
- ◆ FKT-ME Metallized Polypropylene Film Capacitor
- ◆ FKT-MG High Voltage Metallized Polypropylene Film Capacitor
- ◆ FKT-MD Mini Size Metallized Polyester Film Capacitor



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# PART THREE

3

## Kingtronics Certifications

## Kingtronics Certification

➤ ISO 9001:2015 Certification



ISO

➤ Diode Rectifiers SGS Certification



SGS

➤ Radial Type Aluminum Electrolytic Capacitors SGS Certification

➤ Multilayer MLCC Ceramic Capacitors SGS Certification

**Kt®**  
**Kingtronics®**

Trademark

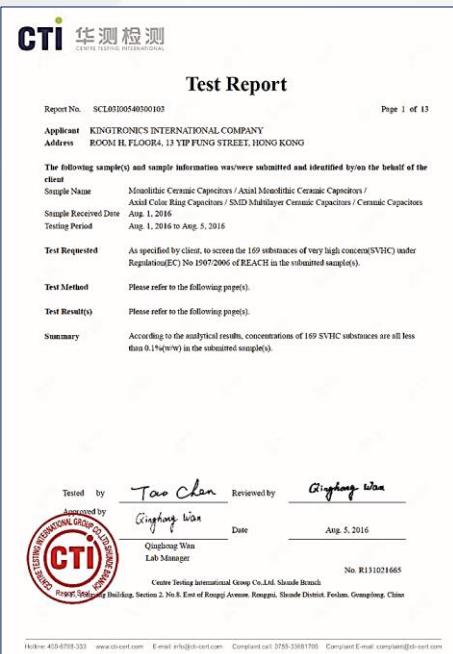
➤ Plastic Film Capacitors SGS Certification



➤ X2 Film Capacitors VDE , ENEC and UL Certification

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# Kingtronics Certification



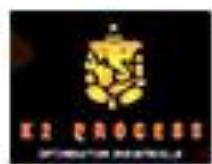
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# PART FOUR



## Kingtronics Customers

## Kingtronics Customers



Kingtronics freely provided various of Promotional Literature to all our customers

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# PART FIVE

5

## Kingtronics Exhibitions

# Kingtronics Exhibitions

2009,2012 2011

Electronic Americas FIEE



ElectronicAsia HK



2012,2014,2016

Munich Electronica



2018

Munich Electronica



2019

ElectronicAsia HK



2020

Munich Electronica



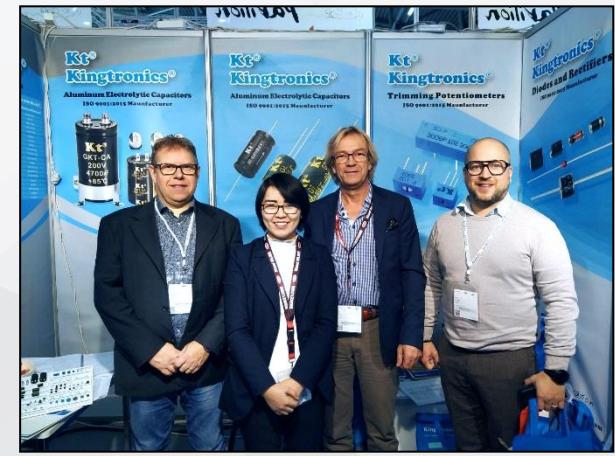
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# Kingtronics Exhibitions



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# Kingtronics at Munich Electronica 2018



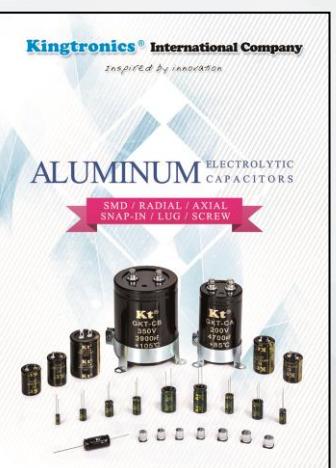
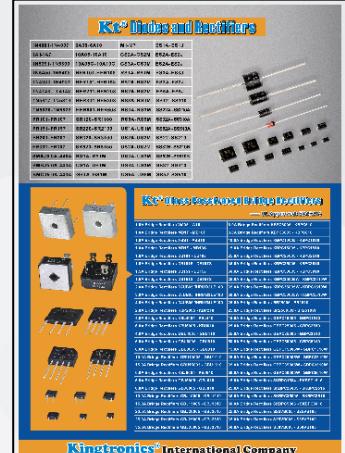
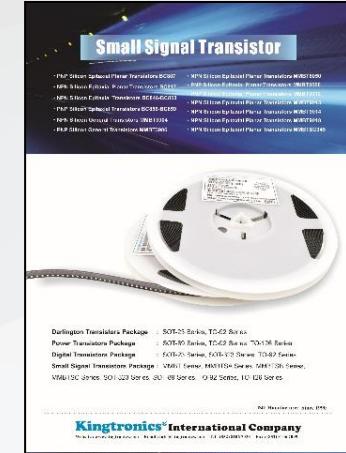
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# Kingtronics at ElectronicAsia HK 2019



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# Kingtronics Promotional Literature



PCB Sample Box



Nylon Folding Reusable Bags



3-in-1 Universal Cable

File Folder Souvenir

E-Cap File Folder Souvenir

Aluminum Elec. Capacitors Leaflet

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# Kingtronics® International Company



ISO 9001:2015

Manufacturer since 1990



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<https://twitter.com/Kingtronics>