



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

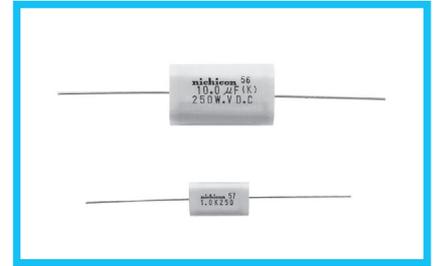
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



QAK Metallized Polyester Film Capacitor (Tape-wrapped Axial Compact Type)

- Non-inductive construction, compact size, metallized film capacitor with axial lead wires.
- Highly reliable with self-healing property.
- Minimum loss at high frequency.
- Tape-wrapped and epoxy endfilled at both leads for superior mechanical strength and humidity resistance.
- High capacitance value, offering a wide variety of applications.
- Compliant to the RoHS directive (2011/65/EU).



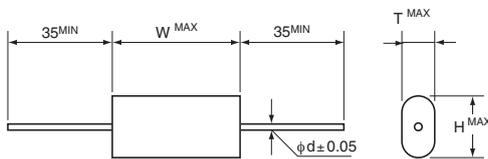
Applications

- Filtering DC-blocking, coupling and so on of general communications equipment and use in AC circuits for motor starting, charging / discharging, lighting, etc.
- Some A.C. applications may cause capacitor failure, over heating of the capacitors and/or discharge may be the result. Please contact us about details for A.C. application.

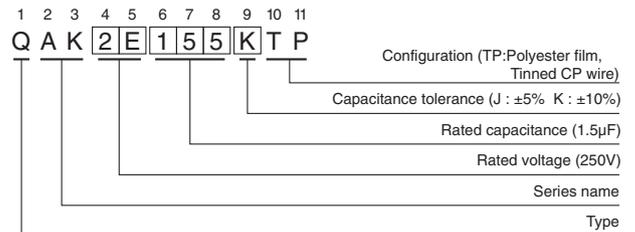
Specifications

Item	Performance Characteristics
Category Temperature Range	-40 to +85°C
Rated Voltage	250, 400, 630VDC
Rated Capacitance Range	0.1 to 10μF
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric Loss Tangent	1.0% or less (at 1kHz 20°C)
Insulation Resistance	C ≤ 0.33μF : 9000 MΩ or more C > 0.33μF : 3000 ΩF or more
Withstand Voltage	Between Terminals Rated Voltage × 175%, 1 to 5 secs.
	Between Terminals and Coverage Rated Voltage × 200%, 1 to 5 secs.
Encapsulation	Adhesive polyester film, epoxy resin

Drawing



Type numbering system (Example : 250V 1.5μF)



Dimensions

Unit : mm

Cap.(μF)	V(Code) Code	Size	250VDC (2E)				400VDC (2G)				630VDC (2J)			
			T	W	H	d	T	W	H	d	T	W	H	d
0.1	104									6.0	30.0	12.5	0.8	
0.15	154									7.5	30.0	14.0	0.8	
0.22	224									8.5	30.0	16.5	0.8	
0.33	334					7.5	25.0	15.5	0.8	10.5	30.0	18.5	0.8	
0.47	474	5.5	25.0	12.0	0.8	9.0	25.0	17.0	0.8	11.0	35.0	19.0	0.8	
0.68	684	7.0	25.0	13.0	0.8	9.0	30.0	17.0	0.8	11.5	40.0	21.0	1.0	
1.0	105	7.5	25.0	15.5	0.8	11.0	30.0	19.0	0.8	12.5	46.0	22.0	1.0	
1.5	155	8.0	30.0	16.0	0.8	13.0	30.0	22.5	0.8	16.0	46.0	25.0	1.0	
2.2	225	9.5	30.0	17.5	0.8	13.5	35.0	23.0	0.8	18.0	52.0	27.5	1.0	
3.3	335	9.5	35.0	19.5	0.8	17.0	35.0	26.5	0.8	22.5	52.0	31.5	1.0	
4.7	475	12.0	35.0	21.5	0.8	18.5	41.0	28.0	1.0					
6.8	685	13.5	40.0	22.5	1.0									
10.0	106	16.5	40.0	25.5	1.0									