



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



Type YP Series

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The YP series resistors are coated with multilayer silicone to give an excellent protection to the resistance wire at temperatures from -55°C to 350°C. The terminals are designed for quick and easy mounting on capacitors and have a mounting pitch of 22.2 and 31.8 mm. These are wirewound ceramic core resistors designed for voltage balancing of series connected aluminium electrolytic capacitors. These resistors are also suitable for capacitor voltage discharge safety applications in high voltage circuits. Ideally suited for industrial grade capacitors.

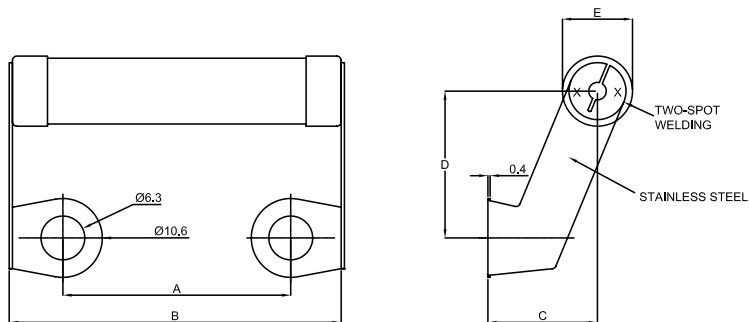
Key Features

- Flameproof Silicone Coating
- Stainless Steel Mounting Terminals for Direct Mounting on Capacitors
- Premium Quality Resistive Wires
- Attractively Priced
- Custom Designs Possible
- Innovative Design

Characteristics - Electrical

Resistance Values:	2K, 10K, 18K, 27K, 47K. Other values on request and to order
Resistance Tolerance:	±5%
Temperature Coefficient:	±30 ppm/°C (typ.), ±100 ppm/°C (maximum)
Maximum Voltage:	825V dc or ac(rms) for YP10, 570V for YP8
Derating:	Derated linearly to zero at 350°C
Power Rating:	10W @ 70°C for YP10 and 8W @ 70°C for YP8
Stability:	70°C, 1000hr - R/R @ 100% load <±5%
Standard:	Performance as per BS - CECC 40201-002
Marking:	Type, Resistance value, Tolerance

Dimensions



	Dimensions				
	A ±1mm	B max.	C ±1mm	D ±1mm	E ±1mm
YP8	22.2	40	15	21	9.5
YP10	31.8	50	15	21	9.5

How to Order

YP	8	18K	J
Common Part	Power Rating	Resistance Value	Tolerance
YP - Capacitor Discharge Resistor	8 - 8 Watts 10 - 10 Watts	2K (2000 ohms) 2K0 10K (10000 ohms) 10K 18K (18000 ohms) 18K 27K (27000 ohms) 27K 47K (47000 ohms) 47K	J - ±5% K - ±10%