



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

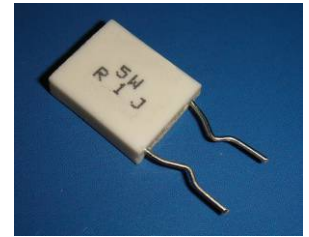
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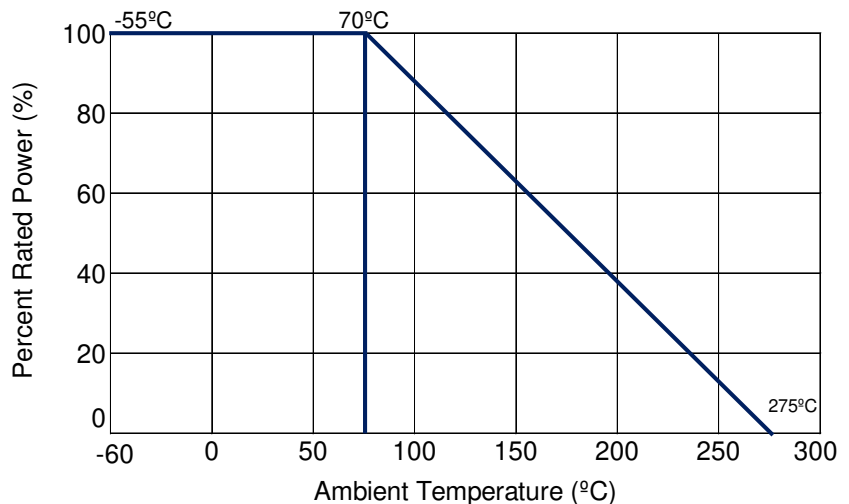
- Features:
- Small size with high power ratio
 - Low resistance values and low inductance
 - Crimped leads keep circuit board temperatures cooler
 - RoHS compliant / lead-free



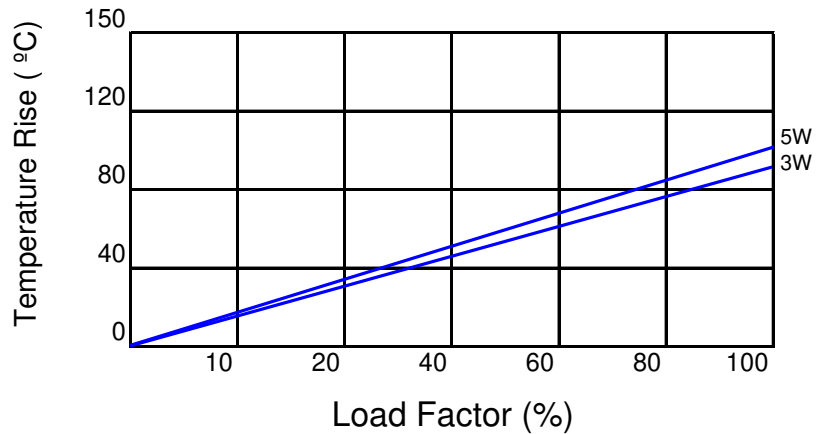
Electrical Specifications					
Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage	Maximum Overload Voltage	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance
					5%, 10%
MPR3	3W	350V	700V	±350 ppm/°C	0.01 - 0.47
MPR5	5W				

Mechanical Specifications						
Type / Code	L	W	H	d	P	Unit
MPR3	0.551 ± 0.059 14.00 ± 1.50	0.197 ± 0.039 5.00 ± 1.00	0.394 ± 0.039 10.00 ± 1.00	0.031 ± 0.004 0.80 ± 0.10	0.394 ± 0.039 10.00 ± 1.00	inches mm
MPR5			0.709 ± 0.039 18.00 ± 1.00			

Power Derating Curve:



Load Factor:



Performance Characteristics		
Test	Test Limit	Test Method (JIS C 5201-1)
Short Time Overload	$\Delta R \leq (2\% R_0 + 0.05\Omega)$	2.5X, 5 sec.
Dielectric Withstanding Voltage	500V	5.7
Thermal Shock	$\Delta R \leq (2\% R_0 + 0.05\Omega)$	4.19
Temperature Coefficient	$\pm 350 \text{PPM}/^\circ\text{C}$	4.8
Load Life	$\Delta R \leq (3\% R_0 + 0.05\Omega)$	4.25
Load Life w/Humidity	$\Delta R \leq (3\% R_0 + 0.05\Omega)$	4.23

How to Order

