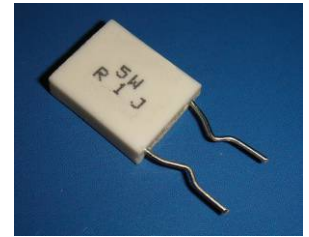


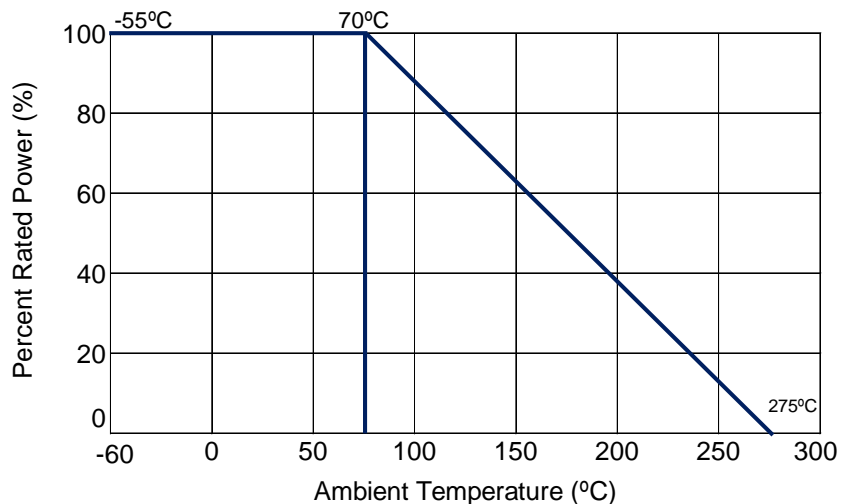
- Features:
- Small size with high power ratio
 - Low resistance values and low inductance
 - Crimped leads keep circuit board temperatures cooler
 - RoHS compliant / lead-free



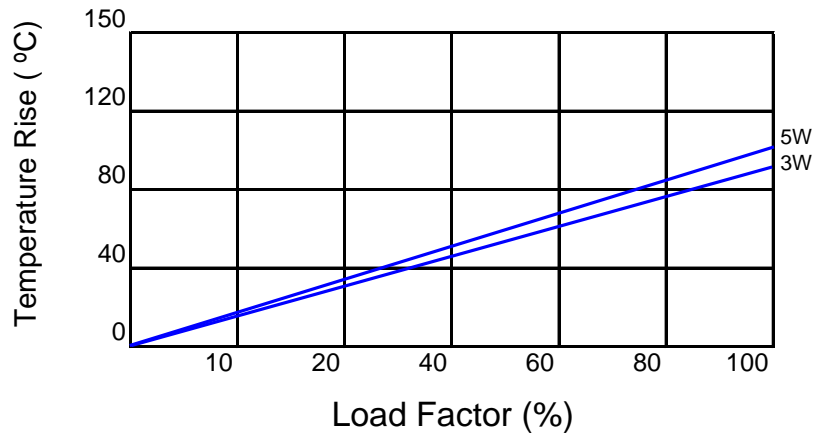
Electrical Specifications					
Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage	Maximum Overload Voltage	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance
					5%, 10%
MPR3	3W	350V	700V	±350 ppm/°C	0.01 - 0.47
MPR5	5W				

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	$\Delta R \leq (2\% R_o + 0.05\Omega)$	2.5X, 5 sec.
Dielectric Withstanding Voltage	500V	5.7
Thermal Shock	$\Delta R \leq (2\% R_o + 0.05\Omega)$	4.19
Temperature Coefficient	$\pm 350 \text{PPM}/^\circ\text{C}$	4.8
Load Life	$\Delta R \leq (3\% R_o + 0.05\Omega)$	4.25
Load Life w/Humidity	$\Delta R \leq (3\% R_o + 0.05\Omega)$	4.23

How to Order

