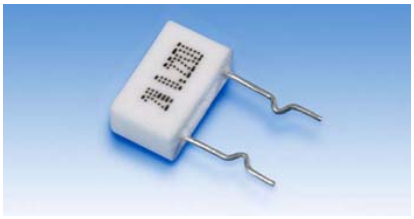
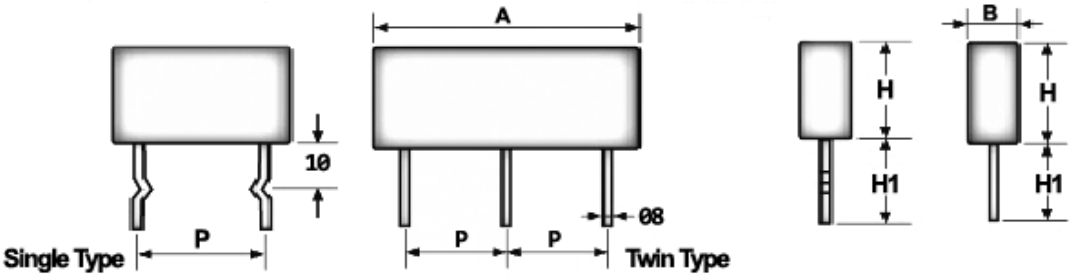
Features:

- 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) @ 70ºC	Maximum Working Voltage	Maximum Overload Voltage	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance	
					5%	10%
MPR 3	3W	350V	700V	±350 ppm/ºC	0.01 - 1	0.01 - 1
MPR 5	5W					
MPRT 2	2W + 2W				0.22 - 0.56	0.03 - 0.56
MPRT 3	3W + 3W					
MPRT 5	5W + 5W					
MPRT 7	7W + 7W					



Mechanical Specifications

Type / Code	A	B	H	H1	P	Units
MPR 3	0.5512 ± 0.0394 14.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm
MPR 5	0.5512 ± 0.0394 14.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.7087 ± 0.0394 18.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm
MPRT 2	1.0236 ± 0.0394 26.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.3346 ± 0.0394 8.5 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm
MPRT 3	1.0236 ± 0.0394 26.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm
MPRT 5	1.0236 ± 0.0394 26.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.7087 ± 0.0394 18.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm
MPRT 7	1.0236 ± 0.0394 26.0 ± 1.0	0.1969 ± 0.0394 5.0 ± 1.0	0.7874 ± 0.0394 20.0 ± 1.0	0.5118 ± 0.0394 13.0 ± 1.0	0.3937 ± 0.0394 10.0 ± 1.0	inches mm

How to Order

SEI Type	Code	Resistance	Tolerance	Packaging
MPR	3	0.47	5%	B

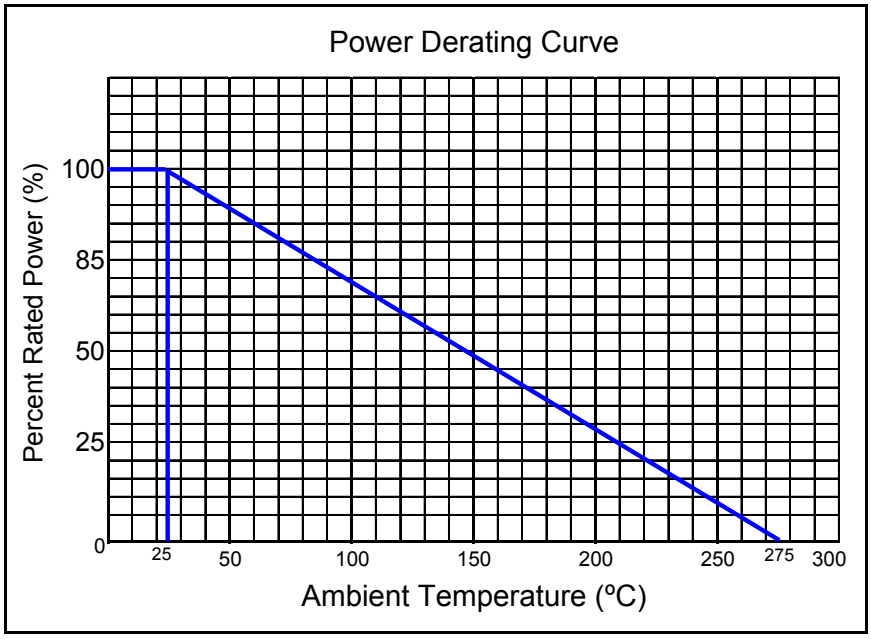
Type	Description
MPR	Single
MPRT	Twin

Code	Wattage
2	2W
3	3W
5	5W
7	7W

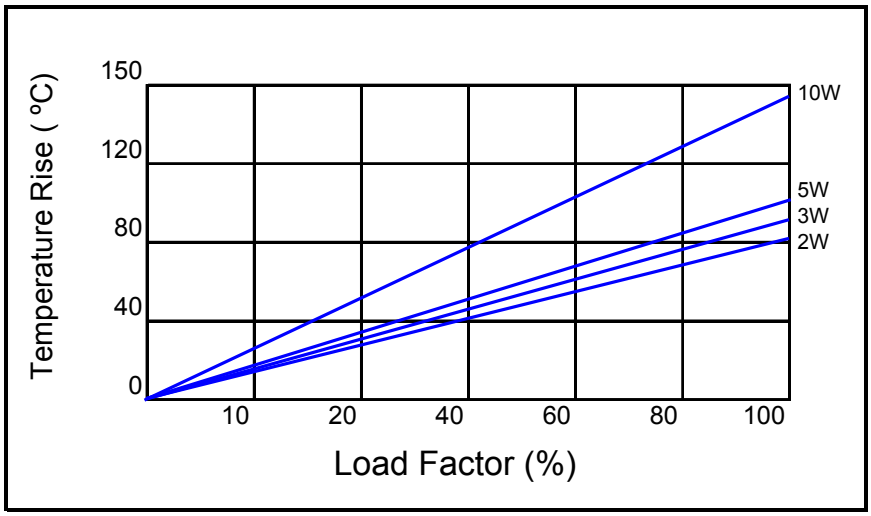
Tolerance
5%
10%

Type	Qty	Description	Code
All	1,000	Bulk	B

Power Derating Curve:



Load Factor:



Performance Characteristics	
Test	Test Results
Short Time Overload	2% ± 0.05
Humidity Load Life	3% ± 0.05
Temp Cycling	2% ± 0.05
Resistance to Soldering Heat	2% ± 0.05
Load Life @ 70ºC - 1,000 hours	3% ± 0.05