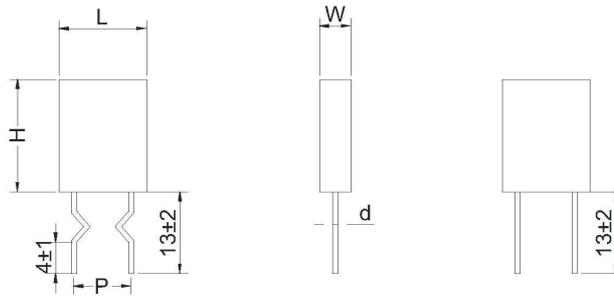


METAL PLATE NON-INDUCTIVE CEMENT RESISTOR - MPR TYPE

FEATURES

- Power type current detecting resistor
- Flame retardant resistors in ceramic case
- Low inductance & space saving
- Lead-free & RoHS compliant

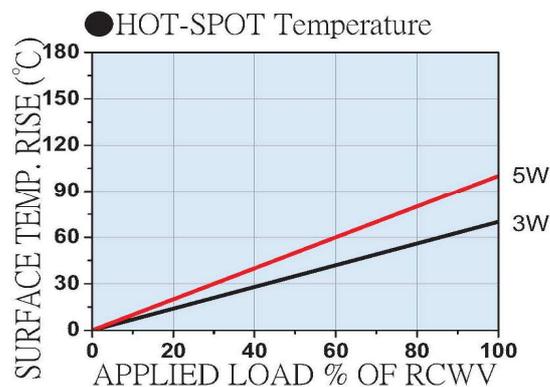
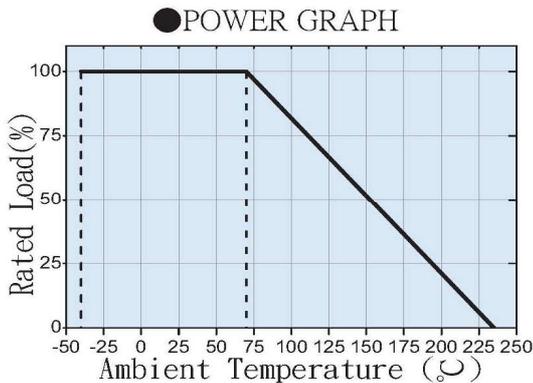
DIMENSION



TYPE	DIMENSIONS(mm)				Max Working	Max Overload Voltage	Resistance Range
	L±1.5	H±1.5	W±1.0	P±1			
3W	14	10	5	9	350V	700V	0.005Ω~0.6Ω
5W	14	18	5	10	350V	700V	0.005Ω~0.6Ω

Maximum Working Voltage determined by $E=\sqrt{(PxR)}$

DERATING CURVE



CHARACTERISTIC

PERFORMANCE TEST	TEST METHOD	APPRAISE
Temperature Coefficient (T.C.R.)	Resistance value at room Temperature and room Temperature+100°C	±350PPM/C
Short Time Overload	2.5 times RCWV for 5 seconds	$\Delta R \leq \pm(2\%Ro+0.05\Omega)$
Load Life In Humidity	40±2°C 90~95%RH at RCWV for1000hrs. (1.5hrs. on , 0.5hrs.off)	$\Delta R \leq \pm(3\%Ro+0.05\Omega)$
Load Life	70°C at RCWV for1000hrs. (1.5hrs. on , 0.5hrs.off)	$\Delta R \leq \pm(3\%Ro+0.05\Omega)$
Solderability	260±5°C for 2±0.5 seconds	95% min. coverage

HOW TO ORDER

MPR

Type
Metal Plate Resistor

5W

Power rating
3W
5W

0.1Ω

Resistance
0.1Ω
0.22Ω

J

Tolerance
5%