

Metal Plate Resistor Cement Type



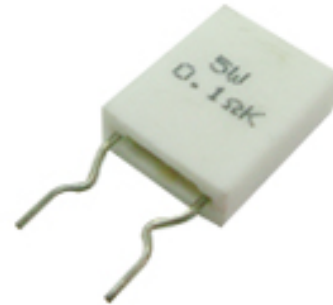
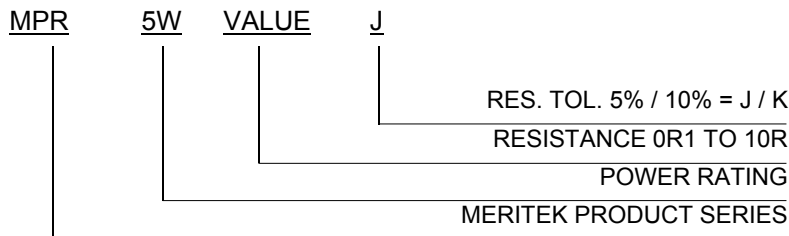
MPR Series

MERITEK

FEATURES

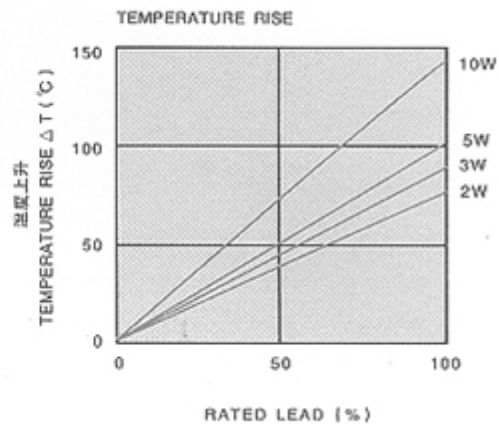
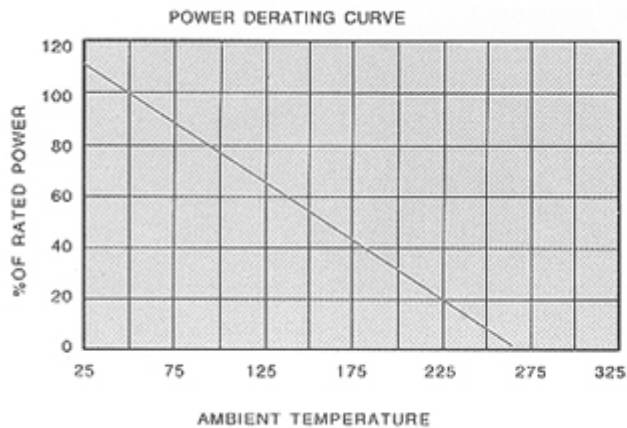
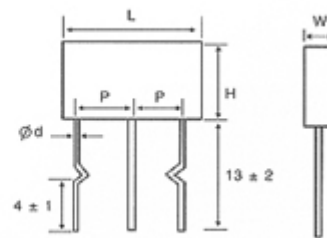
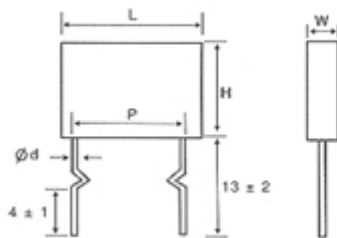
- Good Heat-durability.
- Flame Retardant.
- Low Inductance.
- High Power.
- Small Size.

PART NUMBERING SYSTEM



SPECIFICATION

Type	Power Rating	DIMENSIONS(mm)					Maximum Working Voltage	Maximum Overload Voltage	Resistance Range
		L	H	W	d	P			
MPR	3W	14±1.5	10±1.5	5±1.0	0.8±0.1	10±1	350V	700V	0.01Ω ~ 1Ω
	5W	14±1.5	18±1.5	5±1.0	0.8±0.1	10±1	350V	700V	
	3W+3W	26±1.5	13±1.5	5±1.0	0.8±0.1	10±1	350V	700V	
	5W+5W	26±1.5	18±1.5	5±1.0	0.8±0.1	10±1	350V	700V	
	7W+7W	26±1.5	20±1.5	5±1.0	0.8±0.1	10±1	350V	700V	



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ELECTRICAL PERFORMANCE

Characteristics	Specifications	Test Methods JIS 5202
Temperature Coefficient	$\pm 350 \text{ PPM/C}$	5.2 B
Short Time Overload	$\Delta R \leq \pm (2\% R_o + 0.05 \Omega)$	2.5*5SEC
Dielectric Withstanding Voltage	500V	5.7
Load Life Humidity	$\Delta R \leq \pm (3\% R_o + 0.05 \Omega)$	7.9
Load Life	$\Delta R \leq \pm (3\% R_o + 0.05 \Omega)$	7.1
Thermal Shock	$\Delta R \leq \pm (2\% R_o + 0.05 \Omega)$	JIS 5026 6.7