

Micron Power Resistors

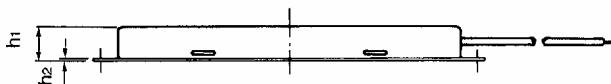
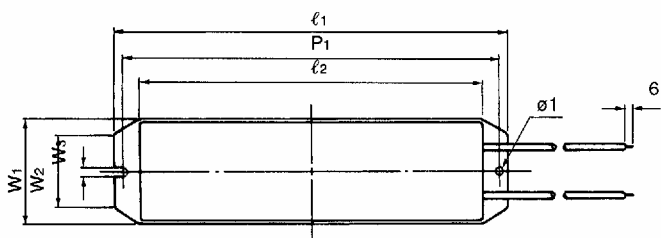
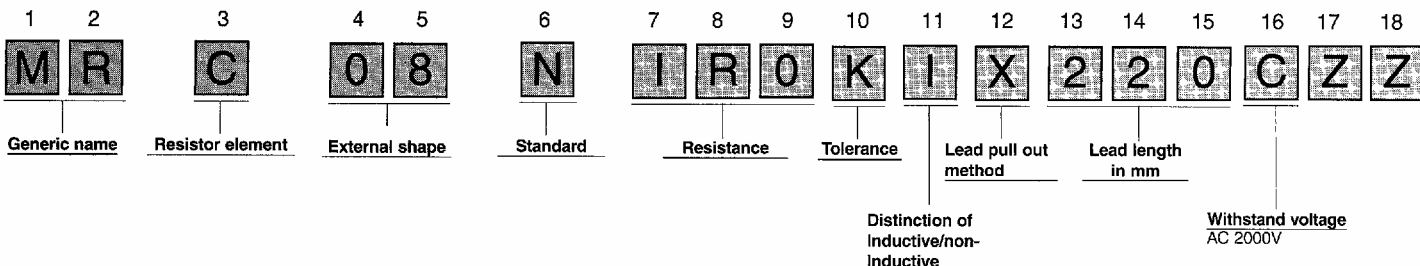
MRP Large-Capacity Type Resistors With Aluminum Case (Economy Type)

* Please refer to MDS-1212 for more detailed information.

MRC

MRS

Part Numbering System



* Terminal arrangements should be separately specified.

Lead Wire Conductor Cross-Section:

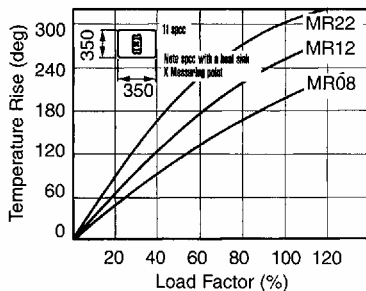
Conductor cross-sectional area	0.75mm ²	3.5mm ²
Withstand voltage	2000V	2000V

External Dimensions

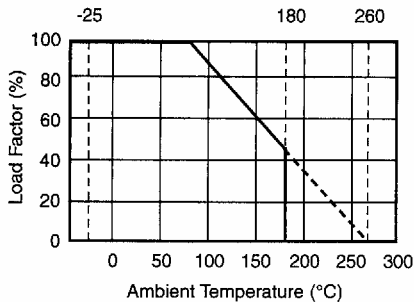
(mm)

Shape	l ₁	l ₂	P ₁	W ₁	W ₂	W ₃	h ₁	h ₂	φ ₁
MR08	132	100	122±0.4	44±0.4	26	4.3 ^{+0.3} ₀	20	1	4.3
MR12	182	150	172±0.9	42±0.4	23.5	4.3 ^{+0.3} ₀	20	1.2	4.3
MR22	230	200	220±0.4	60±0.4	42.7	4.3 ^{+0.3} ₀	20	1.2	4.3

Temperature Rise (ref.)



Derating Curve



Nominal Resistance Values

Shape	Element construction	Inductive/non-inductive	Rated power	Nominal resistance range	Tolerance	
					Symbol	Tolerance
MR08	P(band wire)	N	80W	0.08Ω~0.4Ω	J	±5%
		I		0.4Ω~8.8Ω		
	C(Coil)	N		0.24Ω~2.8Ω		
		I		8.8Ω~4.8kΩ		
MR12	P(band wire)	N	120W	0.1Ω~0.5Ω	K	±10%
		I		0.5Ω~50Ω		
	C(Coil)	N		0.25Ω~10Ω		
		I		50Ω~13.6kΩ		
MR22	P(band wire)	N	220W	0.2Ω~1Ω	K	±10%
		I		1Ω~65Ω		
	C(Coil)	N		0.5Ω~8Ω		
		I		65Ω~21.1kΩ		
S(Wire wound)	I	8Ω~2.2kΩ				