



Description:

High performance axial resistor. This molded-construction metal-housed resistor is available in a higher power rating than standard axial resistors and is better suited to withstand vibration, shock and harsh environmental conditions. Aluminium housed to maintain high stability during operation and to permit secure mounting to chassis surfaces. The metal housing also provides heat-sinking capabilities.

Features:

- High Stability: $\pm 0.5\% \Delta R$
- High power to size ratio
- Metal housing allows chassis mounting and provides heat sink capability

Specifications:

Material

Housing	: Metal, anodized aluminium
Internal Coating	: Silicone
Core	: Ceramic
Terminals	: Solder-coated axial
Derating	: Linearly from 100% @ +25°C to 0% @ +275°C

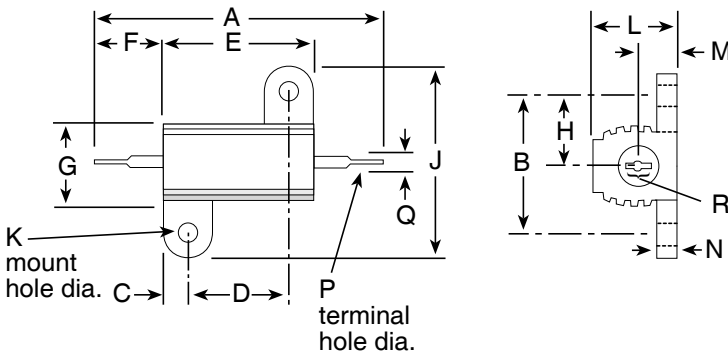
Electrical

Tolerance	: $\pm 5\%$
Power Rating	: 50W
Resistance	: 220 Ω
Overload	: 5 times rated wattage for 5 seconds
Temperature coefficient	: ± 20 ppm/°C
Dielectric withstanding voltage	: 2,250V AC

Wirewound Resistor



Dimensions



Dim. A	2.781 (70.64)
Dim. B	0.844 (21.44)
Dim. C	0.188 (4.78)
Dim. D	1.562 (39.68)
Dim. E	1.938 (49.23)
Dim. F	0.438 (11.13)
Dim. G	0.594 (15.09)
Dim. H	0.422 (10.72)
Dim. J	1.156 (29.36)
Dim. K	0.125 (3.18)
Dim. L	0.625 (15.88)
Dim. M	0.312 (7.92)
Dim. N	0.094 (2.39)
Dim. P	0.085 (2.16)
Dim. R	0.140 (3.56)
Q min 12 AWG	

Inches (Millimetres)

Part Number Table

Description	Part Number
Resistor WireWound, 220Ω, 50W, 5%	MC32968

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