

Low Ohm Axial Lead Resistor

multicomp^{PRO}

RoHS
Compliant



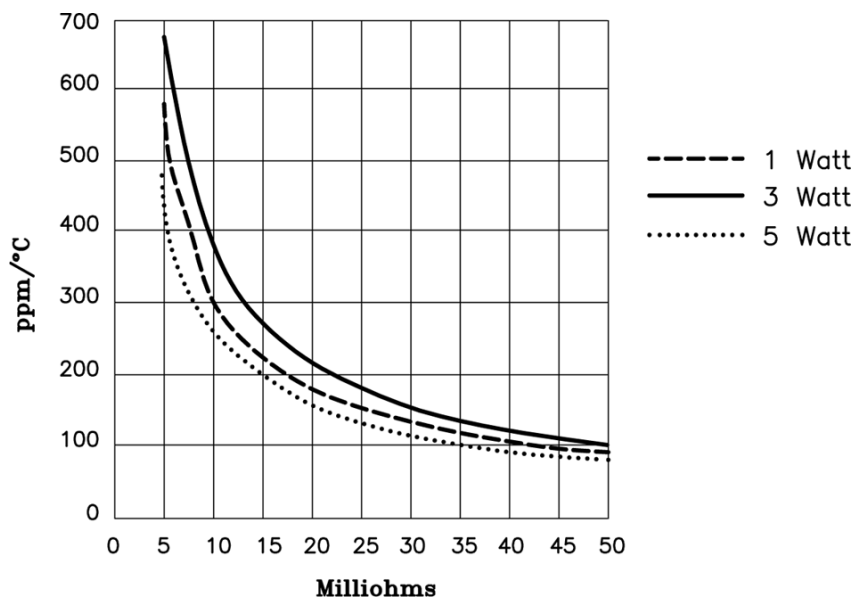
Specifications:

Derating	: Linearly From 100% @ +25°C to 0% @ +275°C
Power Rating	: Based On 25°C Free Air Rating
Overload	: 5 Times Rated Wattage For 5 Seconds
Dielectric Withstanding Voltage	: 1W : 500 VRMS
	: 3 and 5W : 1,000 VRMS
Insulation Resistance	: Not Less Than 1,000 MΩ
Thermal EMF	: < ±2μV/°C
Temperature Range	: -55°C to 275°C

Material

Coating	: Silicone
Terminals	: Solder-Plated Copper Leads Or Copper Clad Steel Depending On Ohmic Value
Encapsulation	: Silicone Molding Compound

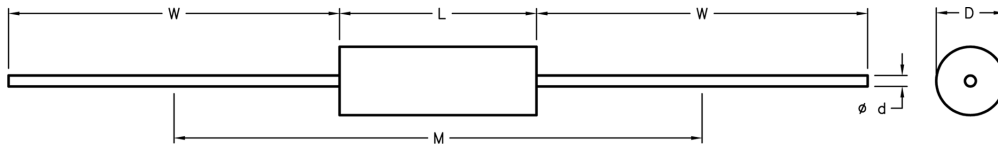
Temperature Coefficient of Resistance in ppm/°C



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Dimensions



Resistance (Q) ±1%	Wattage (W)	L	W	D	d	M*
0.05	1	0.406	1.562	0.094	0.032	1.156
0.1		±0.01	±0.062	±0.01		
0.01	3	0.56	1.562	0.205	0.032	1.31
0.05		±0.01	±0.062	±0.01		
0.1						
0.01	5	0.925	1.562	0.33	0.0403	1.675
0.05		±0.01	±0.062	±0.01		
0.1						

M* Fixed Resistance Measuring Point

Dimensions : Inches

Part Number Table

Description	Part Number
Resistor, 0.05Ω, 1W	MC14714
Resistor, 0.1Ω, 1W	MC14715
Resistor, 0.01Ω, 3W	MC14716
Resistor, 0.05Ω, 3W	MC14717
Resistor, 0.1Ω, 3W	MC14718
Resistor, 0.01Ω, 5W	MC14719
Resistor, 0.05Ω, 5W	MC14720
Resistor, 0.1Ω, 5W	MC14721

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