

Low Ohm Axial Lead Resistor



RoHS
Compliant



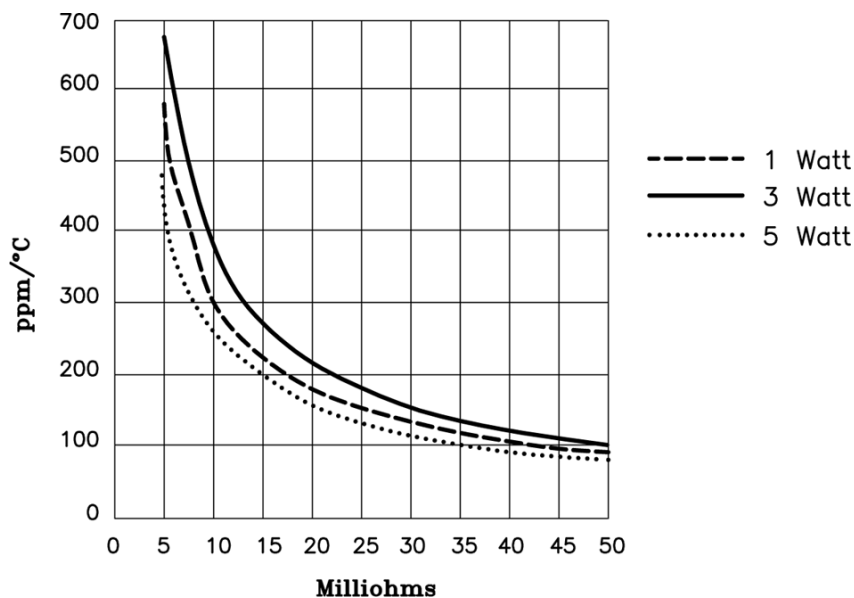
Specifications:

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

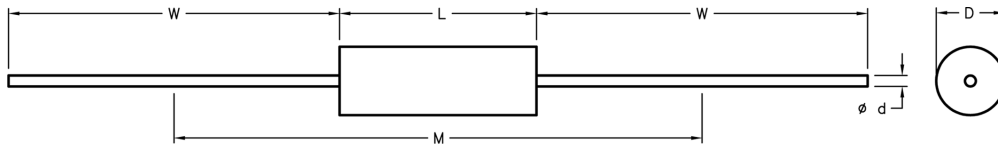
Temperature Coefficient of Resistance in ppm/°C



Low Ohm Axial Lead Resistor



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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.