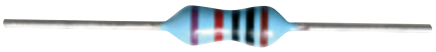
MRA Precison Metal Film Resistors

Europe's No 1 selling axial thin film high precision resistor. Stable films are sputtered on to high purity alumina rods, then covered in tough epoxy to protect from any environmental extremes

- Power Dissipation 0.25 watts
- Value Range 10R to 1M
- Tolerance Options ±0.1%
- TCR Options ±15ppm/°C
- Maximum Voltage 350 Vac
- Dielectric Strength 500 Vdc
- Special Features Selection series E48 or E96 (E96 stocked)
  RoHS Compliant



Characteristics - Rating

Rated Power	0.25 Watts °
Resistance Range	10R to 1M
Tolerance	± 0.1% (B)
Temperature coefficient	15ppm / °C
Limiting element voltage	Nominal 250V
Permitted element voltage	500V
Operating temperature range	-55°C to +155°C
Climatic category	55 / 155 / 56
Dielectric strength	500V
Insulation resistance min. dry	1000MΩ

Characteristics - Performance

Overload	JIS-C-5202-5.5 ± 0.25%
Pulse load	JIS-C5202-5.8
Load life	MIL-202F 108A
Humidity	MIL-202F 103B
Solderability	MIL-202F 208H
Solvent resistance	JIS-C-5202-6.9
Shelf life	12 months at room temperature 25°C ±3°C, <80%RH

Ordering Procedure

Standard Resistor: Series, Ohmic value, Tolerance Code,Packing Method and Temperature Coefficient.

e.g: MRA0207 1M B TA 15

The resistors are marked with a five band colour code, for more information, please see Resistors Colour Codes

Packing Procedure

The standard method of packing MRA resistors is taped in ammo boxes of 1000pcs. Should you have a special packing requirement, please contact ARCOL.

ARCOL UK Limited,
Threemilestone Ind. Estate,
Truro, Cornwall TR4 9LG, UK.
T +44 (0) 1872 277431
F +44 (0) 1872 222002
E sales@arcolresistors.com

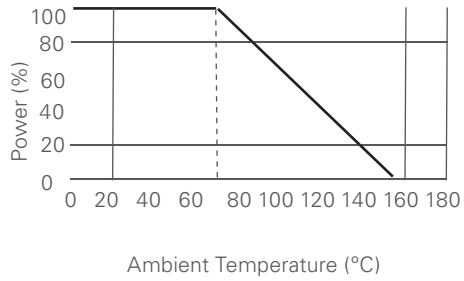
www.arcolresistors.com

The information contained herein does not form part of a contract and is subject to change without notice. Arcol operate a policy of continual product development therefore, specifications may change.

It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask Arcol.

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Derating Curve

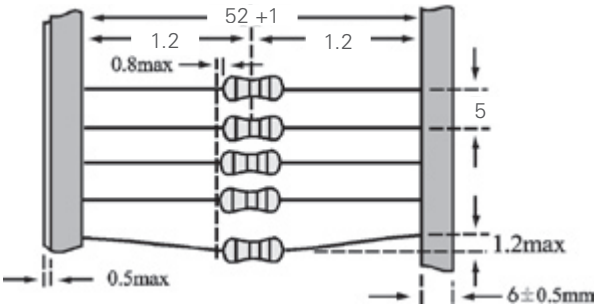


Dimensions (mm)



L	D	H	d
6.3 ± 0.5	2.3 ± 0.3	28 ± 2.0	0.55 ± 0.03

Reel Dimensions (mm)



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