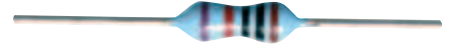


Europe's No 1 selling axial thin film high precision resistor. Stable films are sputtered on to high purity alumina rods, then covered in tough epoxy to protect from any environmental extremes

- Power Dissipation 0.25 watts
- Value Range 10R to 1M
- Tolerance Options  $\pm 0.1\%$
- TCR Options  $\pm 15\text{ppm}/^\circ\text{C}$
- 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	$\pm 0.1\%$ (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 $\pm 0.25\%$
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 $\pm 3^\circ\text{C}$ , <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.

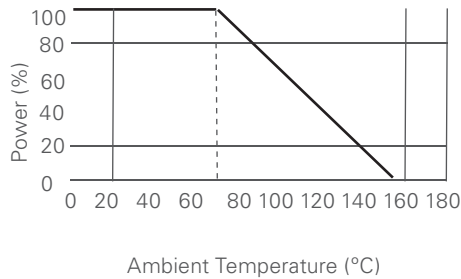
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It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask Arcol.

## Derating Curve

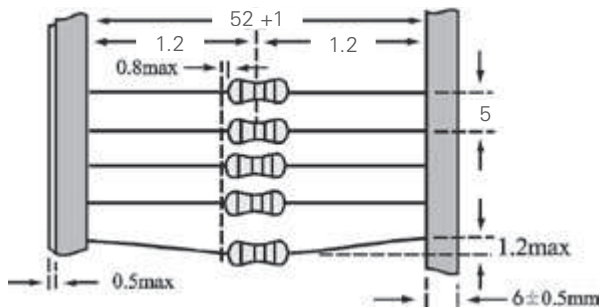


## Dimensions (mm)



L	D	H	d
$6.3 \pm 0.5$	$2.3 \pm 0.3$	$28 \pm 2.0$	$0.55 \pm 0.03$

## Reel Dimensions (mm)



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