



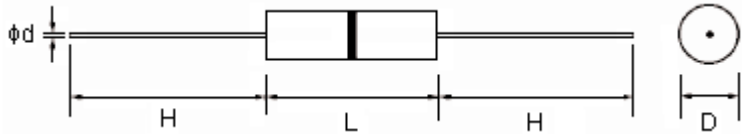
PART NO.

MCRE000000

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Kiran	07/05/09	Suresh	07/05/09	Farnell	21/05/09

Dimension:



Dimensions : Millimetres

Steel Core Type

Type	Rating Wattage (W)	Maximum D	Maximum L	H ±3	d ±0.05
MC	1/8	1.85	3.5	28	0.45

Dimensions : Millimetres

Specifications:

- Resistance value : 0Ω.
- Finished size : 1.85mm x 3.58mm.
- Lead wire diameter : 0.45 ±0.05mm.
- Pitch of tape (PT) : 52mm.
- Steel core type.

Construction

Confirmation List of Material

Subpart Name	Material	Material Generic
Body basic	Steel core	Tin plated iron
Lead	Annealed copper wire	Tin-coated copper wire
Coating	Insulated resin (colour : beige)	Epoxy paint

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Kiran	07/05/09
CHECKED BY:	DATE:
Suresh	07/05/09
APPROVED BY:	DATE:
Farnell	21/05/09

DRAWING TITLE:

1700196

SIZE A	DWG NO. M10002172	ELECTRONIC FILE 1700196_DWG	REV A
SCALE: NTS		U.O.M.: mm	SHEET: 1 OF 2



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Characteristics

Requirements	Characteristics
Maximum resistance	0.0030Ω maximum
Lead material	Tin-plated copper
Body material (MC-type)	Electrical grade, high performance moulding compound
Insulation resistance	Dry : 10,000MΩ Wet : 100MΩ
Dielectric-withstanding voltage	Atmospheric : 500V rms Reduced : 325V rms
Insulation flammability	Resistor insulation is self extinguishing with 10 seconds after externally applied flame is removed
Current rating	25 amperes at 25°C derating to 0 amperes at 150°C

Specification Table

Description	Wattage (mW)	Resistance Value	Part Number
Carbon Film Resistor	125	0R	MCRE000000

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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