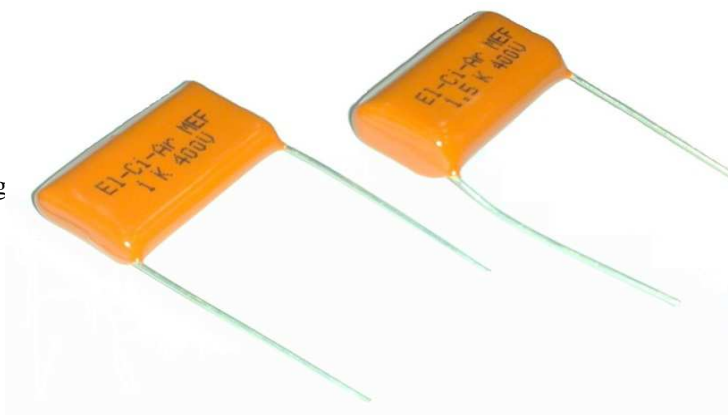


Construction:

MEF - CDI Capacitors are wound with Metallized polyester film as dielectric and tinned copper wire and FR grade epoxy coating

Features:

- Self healing properties
- Non - inductive construction
- Low Dissipation Factor and high Insulation Resistance



Application:

- In 2 Wheeler Auto Ignition Systems

Specification:

Reference Standard	IEC 60384-2
Operating Temperature	-40°C to + 85°C
Capacitance Range	0.5uF to 3.3uF
Capacitance Tolerance	±5% (J), ±10% (K)
Rated Voltage Vr	400VDC
Dissipation Factor	0.5% max at 1Khz, 20°C
Dielectric Strength	1.60 x Vr for 2 sec
Insulation Resistance	> 5,000 sec at 100Vdc at 25°C
Marking	El-Ci-Ar Logo, MEF - CDI, C Value, Tolerance, Rated Voltage, Batch No
Fire Retardancy	Fire Retardent Encapsulation

Test Method & Performance

Endurance

Test Conditions

Temperature : + 100°C

Test Duration: 1000 hours

Voltage Applied: 1.25 x Vr

Performance

Capacitance Change: ±3%

Δ DF: 0.02% max

IR: ≥ 50% of Initial Limit

Resistance to Soldering heat

Test Conditions

Solder Bath Temperature: + 260°C

Dipping Time: 10 sec max

Performance

Capacitance Change: ±2%

Δ DF: 0.01% max

IR: ≥ Initial Limit

Hitech Electrocomponents Pvt Ltd

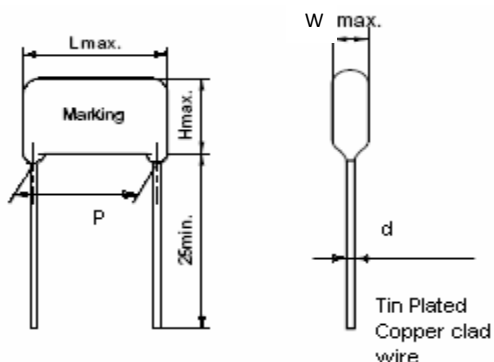
Works - Plot No 2G, Block No 89, Tarihal Industrial Area, Hubli 580026

Office - 1st Floor Mistry Mansion, 107 M.G. Road, Fort, Mumbai 400001

Tel: (022) 66307244 /45, 40029962/63

Fax : (022) 40025469

www.elciar.in sales@elciar.in



Part No. Information

M E F C D I

Product Code
 MEF - CDI

1 0 5

Capacitance
 105 = 1.0 μ F

4 0 0 K

Rated Voltage
 400 VDC

Tolerance
 J = \pm 5%
 K = \pm 10%

Value (μ F)	Code	T	H	L
1.0	105	6.5	16	29
1.5	155	8.5	16	29
2.2	225	10.5	19	29

All dimensions are in mm
 P = 27.5mm d = 0.8mm Tolerance: \pm 0.2mm
 Other values and sizes are available on request

MEF - CDI Bulletin 1 / rev.0

Design and specifications are subject to change without notice

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