

Construction:

MKP11 Capacitors are wound with Metallized polypropylene 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
- Hum Free functioning



Application:

- In step- type, fan speed regulators

Specification:

Reference Standard	IEC 60384-16
Operating Temperature	-40°C to + 85°C
Capacitance Range	1uF, 2.2uF, & 3.3uF
Capacitance Tolerance	±5% (J), ±10% (K)
Rated Voltage Vr	250VAC
Dissipation Factor	0.1% max at 1Khz, 20°C
Dielectric Strength	1.60 x Vr for 2 sec
Insulation Resistance	> 5,000 sec at 100Vdc and 25°C
Marking	El-Ci-Ar Logo, MKP11, C Value, Tolerance, Rated Voltage, Batch
Fire Retardancy	Fire Retardent Encapsulation

Test Method & Performance

Endurance

Test Conditions

Temperature : + 85°C

Test Duration: 1000 hours

Voltage Applied: 1.1 x Vr

Performance

Capacitance Change: ±5%

DF : 0.2% max

IR: 50% of Initial Limit

Life Cycle Test

Test Conditions

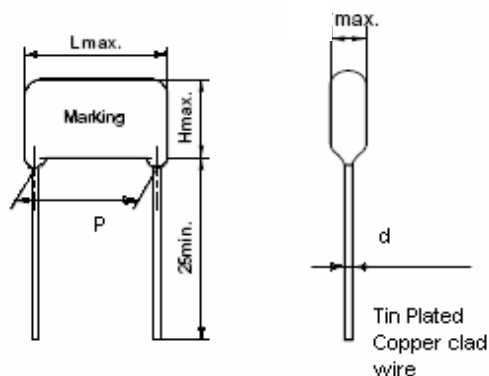
25,000 cycles of step type Fan regulator at 240VAC and using a fan motor load

Performance

Capacitance Change: ±5%

DF: 0.2% max

IR: 50% of Initial Limit



Part No. Information

M **K** **P** **1** **1**

Product Code

MKP11

1 **0** **5**

Capacitance

105 = 1.0 μ F

2 **5** **0**

Rated Voltage

250 VAC

K

Tolerance

J = \pm 5%

K = \pm 10%

M = \pm 20%

Value (μ F)	Code	L	T	H
1.0	105	29	6.2	15.8
1.5	155	29	7.5	18
2.2	225	29	10.6	19.5
2.4	245	29	11.5	20.5
2.5	255	29	12	21
3.3	335	29	12.8	22.3

All dimensions are in mm

P = 27.5mm d = 0.8mm Tolerance: \pm 0.2mm

Other values and sizes are available on request

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Design and specifications are subject to change without notice

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