

Construction:

MKT11 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
- Hum Free functioning



Application:

- In step- type, fan speed regulators

Specification:

Reference Standard	IEC 60384-2
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	0.5% 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, MKT11, 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%

Δ DF : 0.4% 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

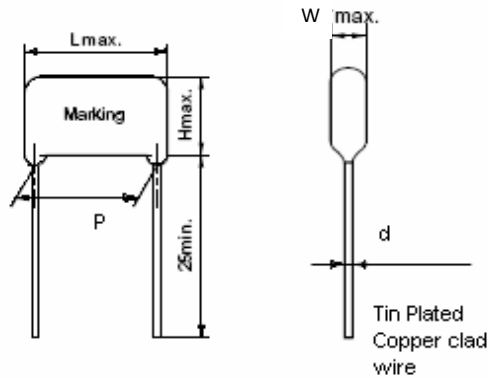
Performance

Capacitance Change: ±5%

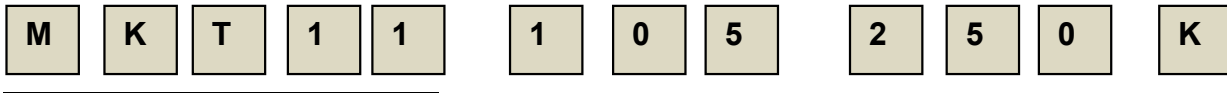
Δ DF: 0.4% max

IR: ≥ 50% of Initial Limit

Metallized Polyester Fan Regulator Capacitor - MKT11



Part No. Information



Product Code
MKT11

Capacitance
105 = 1.0 μ F

Rated Voltage
250 VAC

Tolerance
J = \pm 5%
K = \pm 10%
M = \pm 20%

Value (μ F)	Code	L	T	H
1.0	105	29	5	15
1.5	155	29	7	18
2.2	225	29	8	18
2.4	245	29	8.5	21
2.5	255	29	9	21
3.3	335	29	9.5	22

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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