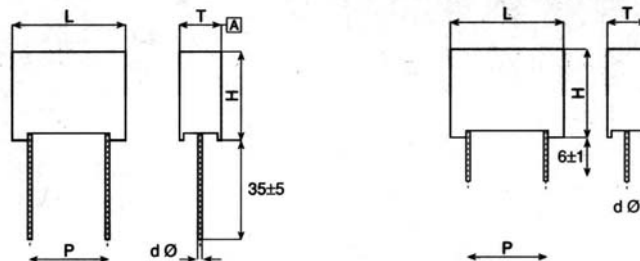


METALLIZED POLYESTER FILM CAPACITOR



TYPICAL APPLICATIONS:

By-passing, pulse, coupling, decoupling, timing, oscillator circuits.

FEATURES:

Highly reliability, non-inductive, self-healing properties, flat style, high moisture resistance, good solderability.

MARKING:

Manufacturer's logo, capacitance, tolerance, rated voltage and. type

DIELECTRIC:

Polyester film.

ELECTRODES:

Aluminium layer deposited by evaporation under vacuum.

CONSTRUCTION:

Metallized polyester film, non-inductive, radial leads, encapsulated in flame-retardant plastic case sealed in epoxy resin.

LEADS:

Tinned wire.

OPERATING TEMP. RANGE:

From -55°C to +105 (At 105°C with 75% of rated voltage)

CAPACITANCE RANGE:

0.001 μ F to 2.2 μ F

CAPACITANCE TOLERANCE:

20%, 10%, 5%

RATED VOLTAGE:

63VDC, 100VDC

PITCH:

5 (mm)

DISSIPATION FACTOR:

$Tg\delta \leq 150 \cdot 10^{-4}$ (10 KHz, 25°C)

$Tg\delta \leq 100 \cdot 10^{-4}$ (1 KHz, 25°C)

INSULATION RESISTANCE:

$\geq 15,000 \text{ M}\Omega$ for $C \leq 0.33 \mu\text{F}$

$\geq 5,000 \text{ s}$ for $0.33 \mu\text{F} < C \leq 1 \mu\text{F}$

$\geq 1,000 \text{ s}$ for $C > 1 \mu\text{F}$

WITHSTAND VOLTAGE:

Rated voltage (VDC) x 1.5 for 60 s

RESISTANCE TO SOLDERING HEAT:

Body temperature: 100°C

Bath temperature: 260°C \pm 5°C

BASIC SPECIFICATIONS:

IEC 60384-2

CECC 30400

STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

CAP μF	PITCH (mm)	63VDC			100VDC		
		L	H	T	L	H	T
0.01	5	7.5	6.5	2.5	7.5	6.5	2.5
0.015	5	7.5	6.5	2.5	7.5	6.5	2.5
0.022	5	7.5	6.5	2.5	7.5	6.5	2.5
0.033	5	7.5	6.5	2.5	7.5	6.5	2.5
0.047	5	7.5	6.5	2.5	7.5	6.5	2.5
0.068	5	7.5	6.5	2.5			
0.1	5	7.5	6.5	2.5			
0.15	5						
0.22	5						
0.33	5						
0.47	5						
0.68	5						
1	5						
1.5	5						
2.2	5						