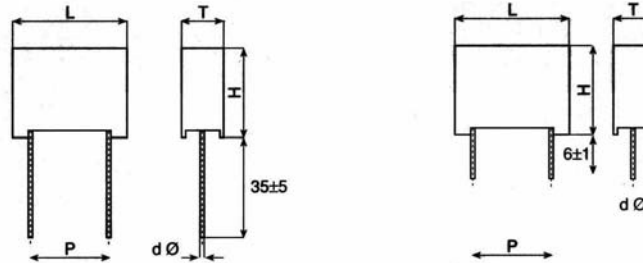


### METALLIZED POLYESTER FILM CAPACITOR



#### TYPICAL APPLICATIONS:

Filter and noise suppression circuit in low voltage application, blocking, coupling, by-pass, energy storage

#### 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:

0.01  $\mu$ F to 22  $\mu$ F

#### CAPACITANCE TOLERANCE:

20%, 10%, 5%

#### RATED VOLTAGE:

100VDC, 160VDC, 250VDC, 400VDC, 630 VDC, 1000VDC (special)

#### PITCH:

10, 15, 22.5, 27.5 (mm)

#### PITCH TOLERANCE:

10, 15:  $\pm 0,5$ mm  
22.5, 27.5:  $\pm 1$ mm

#### DISSIPATION FACTOR:

$Tg\delta \leq 130 \cdot 10^{-4}$  (10 KHz, 25°C)  
 $Tg\delta \leq 100 \cdot 10^{-4}$  (1 KHz, 25°C)

#### INSULATION RESISTANCE:

$\geq 15,000$  M $\Omega$  for  $C \leq 0.33\mu$ F  
 $\geq 5,000$  s for  $C > 0.33\mu$ 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)	100VDC			250VDC			400VDC			630VDC		
		L	T	H	L	T	H	L	T	H	L	T	H
0.01	10	12	4	8	13	4	9	13	4	9	13	4	9
0.015	10	12	4	8	13	4	9	13	4	9	13	4	9
0.022	10	12	4	8	13	4	9	13	4	9	13	4	9
0.022	15										18	6	12
0.033	10	13	4	9	13	4	9	13	4	9	13	4	9
0.033	15										18	7	13
0.047	10	13	4	9	13	4	9	13	4	9	13	4	9
0.047	15										18	7,5	13,5
0.068	10	13	4	9	13	4	9	13	6	12	13	5	10
0.068	15							18	5	11	18	5	11
0.1	10	13	5	11	13	5	11	13	5,5	11,5			
0.1	15							18	5	11	18	5	11
0.15	10	16,5	5	9									
0.15	15	18	5	10	18	5	10	18	7	13,5			
0.15	22.5										25	7	15
0.22	15	18	5	11	18	5	11	18	6	12			
0.22	22.5				25	6	15	26	7	16	26	7	16
0.22	27.5				32	11	20	32	14	25	34	17	27
0.33	15	18	6	12	18	6	12	18	6	12			
0.33	22.5				25	6	15	26	7	16	26	7	16
0.33	27.5							33	14,5	25	34	17	28
0.47	10	13	6	8	13	6	8						
0.47	15	18	6	12	18	6	12	18	8,5	14,5			
0.47	22.5							26	7	16	26	7	16
0.47	27.5							33	18	32	34,5	18	32
0.68	15	18	6	12	18	8,5	14,5						
0.68	22.5				26	8	17	26	10	18	26,5	11,5	19
0.68	27.5	32	11	20	32	11	20	33	11	21	36	22	33
1	22.5												
1	27.5				34	13	22	34	13	22	36,5	22	33
1.5	15	18	8,5	14,5									
1.5	22.5	26	7	16,5	26,5	8,5	17	26,5	8,5	17	26,5	11,5	19
1.5	27.5				32,5	11	20	31,5	14	24,5	36,5	22	33
2.2	22.5	26	7	16,5	26,5	10	17,5	31	18	30	32	19	30
2.2	27.5				33	11	20	33	11	20	38	13	21,5
3.3	22.5	26,5	7	8,5	26	9	19						
3.3	27.5				34	11,5	20	34	11,5	20	38	13	22
4.7	22.5	26,5	19	10									
4.7	27.5	34	11	19	34	11,5	20	34	12	21	41	15,5	25
6.8	27.5	32	20	10,5									
10	27.5	32	25	14	31	22	31						
15	27.5	32	30	15									
22	37.5	39	21	32									