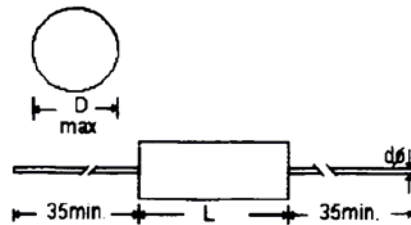


FILM/FOIL AND METALLIZED POLYPROPYLENE FILM CAPACITOR



TYPICAL APPLICATIONS

High frequency and high pulse rise time circuits, high voltage power supplies, electronic ballast.

FEATURES:

Connection A: Excellent electrical performance, low dissipation factor and high insulation resistance.

Connection B: High voltage, high pulse, high dv/dt, low dissipation factor and self heating properties.

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

DIELECTRIC: Polypropylene film.

ELECTRODES:

Connection A: Aluminium foil

Connection B: Aluminium layer deposited by evaporation under vacuum.

CONSTRUCTION:

Connection A are non-inductive construction with polypropylene dielectric, aluminium electrode and copper-clad steel leads with epoxy resin coating.

Connection B are non-inductive wound with metal foil and metallized polypropylene film in series with flame retardant epoxy sealed.

LEADS: Tinned wire.

OPERATING TEMP. RANGE:

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

CAPACITANCE RANGE:

Connection A: From 0.001μF to 0.022 μF

Connection B: From 100 pF to 0.33 μF

CAPACITANCE TOLERANCE: 10%, 5%

RATED VOLTAGE:

Connection A: 630 VDC, 1000VDC

Connection B: 630VDC, 1000VDC, 1250VDC, 1600VDC, 2000VDC

DISSIPATION FACTOR (10KHz,25°C):

Connection A: $T_g \delta \leq 10 \cdot 10^{-4}$

Connection B: $T_g \delta \leq 15 \cdot 10^{-4}$ for $C \leq 0.1 \mu F$
 $T_g \delta \leq 20 \cdot 10^{-4}$ for $C > 0.1 \mu F$

INSULATION RESITANCE: $\geq 100,000 M\Omega$

WITHSTAND VOLTAGE: $2 U_R \ 5_S$

RESISTANCE TO SOLDERING HEAT:

Body temperature: 100°C

Bath temperature: 260°C \pm 5°C

BASIC SPECIFICATIONS:

IEC 60384-16

CECC 31200

STANDARD PRODUCTS AND CASE SIZE TABLE (UNIT: mm)

CAP μF	250VDC		400VDC		630VDC		850VDC	
	D	L	D	L	D	L	D	L
0.01					7.5	15		
0.015					6	13		
0.022			5.6	13	6.5	13		
0.033	5.6	13	6	13	7	15		
0.047	5.6	15	6.5	13	8	15		
0.068	6.1	15	7	15	7.5	21		
0.1	7	15	6.5	20	8.5	20		
0.15	6.5	21	7.5	21	8.5	28		
0.22	7.5	21	7.5	26	9.5	28		
0.33	7.8	26	8.5	28	10.5	33	11	28
0.47	8	28	9	33	11	37	12.5	28
0.68	9	33	10.3	33	13	37	15	28
1.0	10.5	33	12.5	33	13.5	47		
1.5	12.5	33	14	37	16.5	47		
2.2	14	37	14.5	47	17.5	57		
3.3	17	37	17	47	20.5	57		
4.7	17	47	22	36	24.5	57		
6.8	20.5	47	21	57				
10	22	57	26	57				
15	27	57						