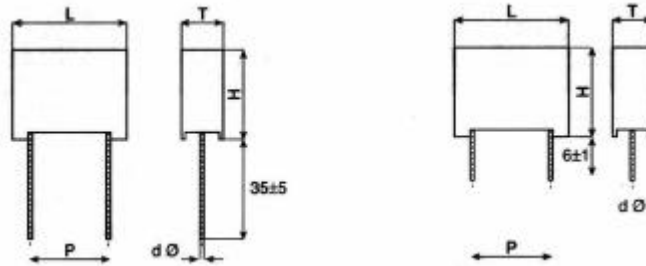


FILM/FOIL AND METALLIZED POLYPROPYLENE FILM CAPACITOR



TYPICAL APPLICATIONS

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

FEATURES:

High dv/dt, high voltage, very high current and self heating properties.

MARKING:

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

DIELECTRIC:

Polypropylene film.

ELECTRODES:

Aluminium layer deposited by evaporation under vacuum.

CONSTRUCTION:

Metallized polypropylene 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°C (At 105°C with 75% rated voltage)

CAPACITANCE RANGE:

MAXIMUM PULSE RISE TIME (dV/dt)

From 100 p to 0.22 ?F

CAPACITANCE TOLERANCE:

10%, 5%

RATED VOLTAGE:

630VDC, 1000VDC, 1250, 1600, 2000

PITCH:

15, 22.5, 27.5 (mm)

PITCH TOLERANCE:

15: ±0,5mm
22.5, 27.5: ±1mm

DISSIPATION FACTOR:

$T_g \leq 10^{-4}$ (10 KHz, 25°C)

INSULATION RESITANCE:

$\geq 100,000 M\Omega$

WITHSTAND VOLTAGE:

$2 U_R \ 5s$

RESISTANCE TO SOLDERING HEAT:

Body temperature: 100°C
Bath temperature: 260°C ? 5°C

BASIC SPECIFICATIONS:

IEC 60384-16
CECC 31200

	630V	1000V	1600V	2000V
Pitch 15 mm	4800 V/?s	8600 V/?s	15800 V/?s	17500 V/?s
Pitch 22.5 mm	2700 V/?s	5000 V/?s	10800 V/?s	15400 V/?s
Pitch 27.5 mm	1900 V/?s	3800 V/?s	6000 V/?s	8200 V/?s

STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

CAP	PITCH (mm)	630VDC			1000VDC			1250VDC			1600VDC			2000VDC		
		L	H	T	L	H	T	L	H	T	L	H	T	L	H	T
100 pF	15													18	11	5
150 pF	15													18	11	5
220 pF	15													18	11	5
330 pF	15													18	11	5
470 pF	15										18	11	5	18	11	5
680 pF	15										18	11	5	18	11	5
0.001 ? F	15										18	11	5	18	11	5
0.0015 ? F	15										18	11	5	18	12	6
0.0022 ? F	15							18	11	5	18	12	6	18	13	7
0.0022 ? F	22.5													26.5	15	6
0.0033 ? F	15				18	11	5	18	12	6	18	13	7	18	14.5	8.5
0.0033 ? F	22.5													26.5	15	6
0.0047 ? F	15	18	11	5	18	12	6	18	13	7	18	14.5	8.5	18	16	10
0.0047 ? F	22.5													26.5	16.5	7
0.0068 ? F	15	18	11	5	18	13	7	18	14.5	8.5	18	16	10			
0.0068 ? F	22.5										26.5	15	6	26.5	17	8.5
0.010 ? F	15	18	11	5	18	14.5	8.5	18	16	10						
0.010 ? F	22.5				26.5	15	6	26.5	15	6	26.5	16.5	7	26.5	19	10
0.015 ? F	15	18	12	6	18	16	10									
0.015 ? F	22.5				26.5	15	6	26.5	16.5	7	26.5	17	8.5	26.5	20.5	11
0.015 ? F	27.5													32	21	11
0.022 ? F	15	18	13	7												
0.022 ? F	22.5				26.5	16.5	7	26.5	17	8.5	26.5	19	10			
0.022 ? F	27.5													32	21	11
0.033 ? F	15	18	14.5	8.5												
0.033 ? F	22.5	26.5	15	6	26.5	17	8.5	26.5	19	10						
0.033 ? F	27.5										32	21	11	32	25	15
0.047 ? F	15	18	16	10												
0.047 ? F	22.5	26.5	16.5	7	26.5	19	10									
0.047 ? F	27.5							32	21	11	32	22	13	32	27.5	18
0.068 ? F	22.5	26.5	17	8.5												
0.068 ? F	27.5				32	20	11	32	23	13.5	32	25	15			
0.1 ? F	22.5	26.5	19	10												
0.1 ? F	27.5				32	22	13	32	25	14	32	30	19			
0.15 ? F	22.5	26.5	20.5	11												
0.15 ? F	27.5				32	30	15	32	30	19						
0.22 ? F	27.5				32	33	18.5									