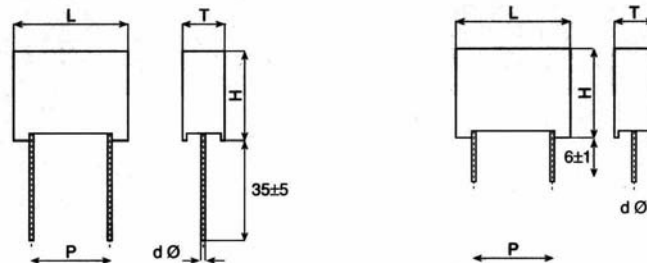


METALLIZED POLYPROPYLENE FILM CAPACITOR (Y2)



TYPICAL APPLICATIONS:

Interference suppression (Y2) and across the line applications. They are suitable for use in situations where failure of the capacitors would not lead to danger of electric shock.

FEATURES:

The MKP-24 is specially designed as interference suppressor. It is self-healing metallized polypropylene film non-inductively high moisture resistance

MARKING:

Manufacturer's logo, series, capacitance, tolerance, rated voltage, capacitor class, approvals.

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:

-40°C to +110°C

CAPACITANCE:

From 0.001 μF to 1.0 μF

CAPACITANCE TOLERANCE:

$\pm 10\%$, $\pm 5\%$

RATED VOLTAGE of the X2 CAPACITOR:

300 VAC 50/60Hz

PITCH:

10, 15, 22.5, 27.5 (mm)

DISSIPATION FACTOR:

$Tg\delta \leq 30 \cdot 10^{-4}$ (10 KHz 25°C \pm 5°C)

INSULATION RESISTANCE:

$\geq 30,000 \text{ M}\Omega$ for $C \leq 0.33 \mu\text{F}$

$\geq 10,000 \text{ s}$ for $C > 0.33 \mu\text{F}$

WITHSTAND VOLTAGE:

1700 VDC for 2s.

PEAK PULSE:

2.5 Kv.

RESISTANCE TO SOLDERING HEAT:

Body temperature: 100°C

Bath temperature: 260°C \pm 5°C

BASIC SPECIFICATIONS:

IEC 60384-14, EN 60384-14

SAFETY CLASS:

Y2

APPROVAL:

VDE, UL (approving)

STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

Cap (μF)	Pitch (mm)	300 VAC			
		T	L	Hr	Max dv/dt at 420 Vdc (V/ μs)
0.001 μF	10	4	13	9	800
0.0015 μF	10	4	13	9	800
0.0022 μF	10	4	13	9	800
0.0033 μF	10	5	13	11	800
0.0033 μF	15	5	18	11	600
0.0047 μF	10	5	13	11	800
0.0047 μF	15	6	18	12	600
0.0068 μF	10	6	13	12	800
0.0068 μF	15	6	18	12	600
0.010 μF	15	6	18	12	600
0.015 μF	15	7.5	18	13.5	600
0.022 μF	15	7.5	18	13.5	600
0.033 μF	15	7.5	18	13.5	600
0.047 μF	15	10	18	16	600
0.047 μF	22,5	6	26.5	15	500
0.068 μF	15	10	18	16	600
0.068 μF	22,5	6	26.5	15	500
0.10 μF	22,5	6	26.5	17	500
0.15 μF	22,5	10	26.5	18.5	500
0.22 μF	22,5	10	26.5	18.5	500
0.22 μF	27,5	13	32	22	400
0.33 μF	27,5	14	32	25	400
0.47 μF	27,5	14	32	25	400
0.47 μF	37,5	18	41	33	300
0.68 μF	27,5	18	41	33	400
0.68 μF	37,5	23	42	36	300
1 μF	37,5	23	42	36	300