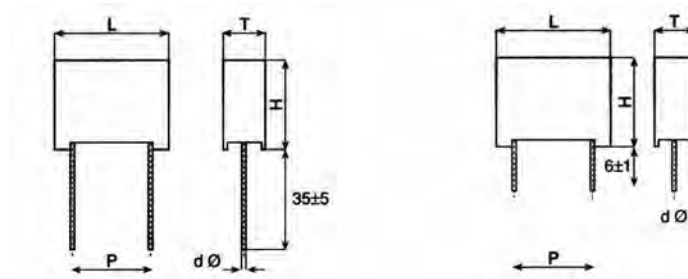


METALLIZED POLYPROPYLENE FILM CAPACITOR (X2)



TYPICAL APPLICATIONS:

Interference suppression (X2) 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.. Ideal for use in line bypass, antenna coupling, across-the line and park killer circuits. Switching power supply, EMI filter.

FEATURES:

The MKP-15 is specially designed as interference suppressor. It is self-healing metallized polypropylene film non-inductively high moisture resistance

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:

-40°C to +100

CAPACITANCE RANGE:

From 0.01 μF to 2.2 μF

CAPACITANCE TOLERANCE:

20%, 10%, 5%

RATED VOLTAGE:

275 VAC (50Hz/60 Hz)

PITCH:

10, 15, 22.5, 27.5 (mm)

PITCH TOLERANCE:

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

DISSIPATION FACTOR:

$Tg\delta \leq 30 \cdot 10^{-4}$ (10 KHz 25°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:

EN 132400

SAFETY CLASS:

X2

APPROVAL:

VDE, cUL, UL

STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

Cap (μF)	Pitch (mm)	275 VAC				Part Number
		T	L	Hr	Max dv/dt at 390 Vdc (V/ μs)	
0.01 μF	10	4	13	10	300	BAAO510PK_
0.01 μF	15	5	18	10	300	BAAO510QK_
0.015 μF	10	5	13	10	300	BAAO515PK_
0.015 μF	15	5	18	10	300	BAAO515QK_
0.022 μF	10	5	13	10	300	BAAO522PK_
0.022 μF	15	5	18	10	300	BAAO522QK_
0.033 μF	10	5	13	10	300	BAAO533PK_
0.033 μF	15	5	18	10	300	BAAO533QK_
0.047 μF	10	6	13	12	300	BAAO547PK_
0.047 μF	15	5	18	11	300	BAAO547QK_
0.056 μF	15	5	18	11	300	BAAO556QK_
0.068 μF	15	5	18	11	300	BAAO568QK_
0.082 μF	15	6	18	12	300	BAAO582QK_
0.1 μF	10	6	13	12	300	BAAO610PK_
0.1 μF	15	6	18	12	300	BAAO610QK_
0.15 μF	15	7.5	18	13.5	300	BAAO615QK_
0.15 μF	22.5	6	26.5	15	150	BAAO615SK_
0.22 μF	15	8.5	18	14.5	300	BAAO622QK_
0.22 μF	22.5	6	26.5	15	150	BAAO622SK_
0.33 μF	15	10	18	18	300	BAAO633QK_
0.33 μF	22.5	7	26.5	16.5	150	BAAO633SK_
0.47 μF	15	9	18	18	150	BAAO647QK_
0.47 μF	22.5	8.5	26.5	17	150	BAAO647SK_
0.47 μF	27.5	9	32	17	100	BAAO647UK_
0.56 μF	27.5	11	32	20	100	BAAO656UK_
0.68 μF	22.5	10	26.5	17.5	100	BAAO668SK_
0.68 μF	27.5	11	32	20	100	BAAO668UK_
1 μF	22.5	11	32	20	100	BAAO710SK_
1 μF	27.5	11	32	20	100	BAAO710UK_
1.5 μF	27.5	15	32	25	100	BAAO715UK_
2.2 μF	27.5	15	32	30	100	BAAO722UK_

Last digit is Lead style0 Long straight leads (LSL) (leads 35 ± 5 mm long)

Y Short straight leads (SSL) (lead 5mm long)

U Short straight leads (SSL) (lead 6mm long)

V.... Straight leads with length in mm

X.... Joggled leads with length in mm

L.... Insulated solid leads with length in mm

M.... Insulated flexible leads with length in mm