

Metallized Polypropylene Film Capacitors

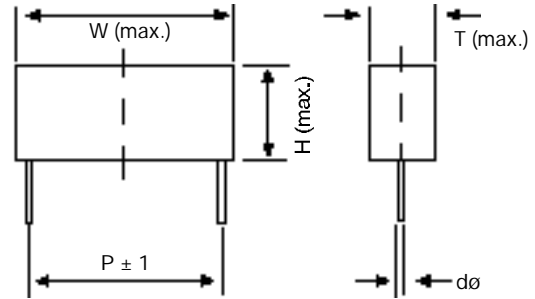


MKP

X2 type is a self-healing flat style capacitor, which is wound with polypropylene film dielectric and encapsulated in a flame retardant plastic (UL94V-0) case and epoxy resin end seal. They provide interference suppression in accordance to international safety standards.

They are ideal for applications in across the line antenna coupling, spark killer circuit, EMI filters and switching power supplies.

Diagram of Dimensions



Electrical Characteristics:

- Capacitance Range: 0.0047 μ F ~ 1.0 μ F
- Capacitance Tolerance: J(\pm 5%), K(\pm 10%), M(\pm 20%)
- Rated Voltage: 250/275VAC, 50~60Hz

Unit: mm

CAP Code	Size	W	H	T	P \pm 1.0	dø
	CAP μ F					
472	.0047	13	11	5	10	0.6
562	.0056	13	11	5	10	0.6
682	.0068	13	11	5	10	0.6
822	.0082	13	11	5	10	0.6
103	.01	13	11	5	10	0.6
123	.012	13	11	5	10	0.6
153	.015	13	11	5	10	0.6
183	.018	13	11	5	10	0.6
223	.022	13	11	5	10	0.6
273	.027	13	12	6	10	0.6
333	.033	13	12	6	10	0.6
393	.039	18	11	5	15	0.8
473	.047	18	11	5	15	0.8
563	.056	18	12	6	15	0.8
683	.068	18	12	6	15	0.8
823	.082	18	13.5	7.5	15	0.8
104	.1	18	13.5	7.5	15	0.8
124	.12	18	13.5	7.5	15	0.8
154	.15	26.5	16	7	22.5	0.8
184	.18	26.5	16	7	22.5	0.8
224	.22	26.5	17	8.5	22.5	0.8
274	.27	26.5	17	8.5	22.5	0.8
334	.33	26.5	19	10	22.5	0.8
394	.39	26.5	19	10	22.5	0.8
474	.47	32	20	11	27.5	0.8
564	.56	32	20	11	27.5	0.8
684	.68	32	22.5	13	27.5	0.8
824	.82	32	22.5	13	27.5	0.8
105	1.0	32	25.5	16	27.5	0.8

Dissipation Factor:

- a) 0.1% at 1kHz and 25°C
- b) 0.3% at 10kHz and 25°C

Insulation Resistance:

- a) Between Terminals:
3 x 10⁴ M for C 0.33 μ F
1 x 10⁴ M for C > 0.33 μ F
- b) Between Terminals and case:
3 x 10⁴ M

Measured at 100 \pm 15VDC, 1min. and 25°C

Withstand Voltage:

- a) Between Terminals: 1500VAC, 60Hz or 2000VDC 1 sec.
- b) Between Terminals and Case: 2000VAC, 60Hz 1 min.

Climate Category: In accordance with DIN40040 GPF.

- a) G = Minimum Limit Temperature . . . -40°C
- b) P = Maximum Limit Temperature . . . +85°C
- a) F = Humidity Category . . .

Average relative humidity 75%,
95% for 30 days per year, continuously;
85% for the remaining days occasionally.

Country	Specifications
UL = USA	UL1414
VDE = Germany	VDE 0565 15793-4670-1002/A2B
CSA = Canada	CAN/CSA-C22.2 No. 1-M94
SEV = Switzerland	IEC 384-14
SEMKO = Sweden	EN132 400: 1994/IEC 384-14
NEMKO = Norway	EN132 400: 1994/IEC 384-14
DEMKO = Denmark	EN132 400: 1994/IEC 384-14+Amd. 1
FIMKO = Finland	EN132 400: 1994/IEC 384-14