



## METALLIZED POLYPROPYLENE FILM CAPACITOR

MPX2 are constructed with metallized polypropylene film and metallized polyester film, dielectric tinned copper wire leads, encapsulated in the plastic case with epoxy resin sealed, in no-inductive type.

**(FOR INTERFERENCE SUPPRESSION CLASS X2, AND ACROSS THE LINE CAPACITORS)**

### FEATURES:

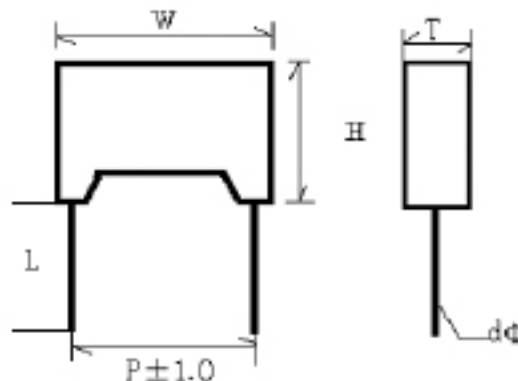
- Self healing properties.
- 10mm to 27.5mm lead pitch.
- Overvoltage stress withstanding.
- Meet standards of: VDE, SEC, SEMKO, NEMKO, DEMKO, FIMKO, UL CSA.

### APPLICATIONS:

They are ideal for line-by-pass, across-the-line, antenna coupling, spark killer circuits, switching power supply and available for EMI filter application.

### SPECIFICATIONS:

Operating Temperature	-40°C ~ +110°C
Capacitance Range	0.001μF ~ 1.0μF
Capacitance Tolerance	K = ±10%, M = ±20%
Rated Voltage (RV)	275VAC 50Hz ~ 60Hz
Dissipation Factor (DF)	0.1% Max, at 1KHz and 25°C
Testing Voltage (TV)	1200Vdc 60 sec, or 2000Vdc 1sec
Insulation Resistance (IR) (measured at RV or 500Vdc whichever is smaller, at 25°C)	C ≤ 0.33μF, IR ≥ 15000MΩ C > 0.33μF, IR ≥ 5000MΩ



### DIMENSIONS:

Part Number	CODE	RV	275VAC				
		SIZE	W	H	T	P	D Φ
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5
MPX2ACK102B10	102	0.0010	13.0	11.0	5.0	10.0	0.6
MPX2ACK122B10	122	0.0012	13.0	11.0	5.0	10.0	0.6
MPX2ACK152B10	152	0.0015	13.0	11.0	5.0	10.0	0.6
MPX2ACK182B10	182	0.0018	13.0	11.0	5.0	10.0	0.6
MPX2ACK222B10	222	0.0022	13.0	11.0	5.0	10.0	0.6
MPX2ACK272B10	272	0.0027	13.0	11.0	5.0	10.0	0.6
MPX2ACK332B10	332	0.0033	13.0	11.0	5.0	10.0	0.6
MPX2ACK392B10	392	0.0039	13.0	11.0	5.0	10.0	0.6
MPX2ACK472B10	472	0.0047	13.0	11.0	5.0	10.0	0.6
MPX2ACK562B10	562	0.0056	13.0	11.0	5.0	10.0	0.6
MPX2ACK682B10	682	0.0068	13.0	11.0	5.0	10.0	0.6
MPX2ACK822B10	822	0.0082	13.0	11.0	5.0	10.0	0.6
MPX2ACK103B10	103	0.010	13.0	11.0	5.0	10.0	0.6
MPX2ACK103B15	103	0.010	18.0	11.0	5.0	15.0	0.8
MPX2ACK123B15	123	0.012	18.0	11.0	5.0	15.0	0.8
MPX2ACK153B15	153	0.015	18.0	11.0	5.0	15.0	0.8
MPX2ACK183B15	183	0.018	18.0	11.0	5.0	15.0	0.8

Note: Part Numbers are with K = 10% Tolerance, M = 20% available.

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		SIZE	W	H	T	P	D Φ
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5
MPX2ACK223B10	223	0.022	13.0	11.0	5.0	10.0	0.6
MPX2ACK223B15	223	0.022	18.0	11.0	5.0	15.0	0.8
MPX2ACK273B10	273	0.027	13.0	11.0	5.0	10.0	0.6
MPX2ACK273B15	273	0.027	18.0	11.0	5.0	15.0	0.8
MPX2ACK333B10	333	0.033	13.0	11.0	5.0	10.0	0.6
MPX2ACK333B15	333	0.033	18.0	11.0	5.0	15.0	0.8
MPX2ACK393B15	393	0.039	18.0	11.0	5.0	15.0	0.8
MPX2ACK473B10	473	0.047	13.0	11.0	5.0	10.0	0.6
MPX2ACK473B15	473	0.047	18.0	11.0	5.0	15.0	0.8
MPX2ACK563B10	563	0.056	13.0	11.0	5.0	10.0	0.6
MPX2ACK563B15	563	0.056	18.0	11.0	5.0	15.0	0.8
MPX2ACK683B10	683	0.068	13.0	11.0	5.0	10.0	0.6
MPX2ACK683B15	683	0.068	18.0	11.0	5.0	15.0	0.8
MPX2ACK823B10	823	0.082	13.0	12.0	5.0	10.0	0.6
MPX2ACK823B15	823	0.082	18.0	12.0	6.0	15.0	0.8
MPX2ACK104B10	104	0.10	13.0	12.0	6.0	10.0	0.6
MPX2ACK104B15-H11	104	0.10	18.0	11.0	5.0	15.0	0.8
MPX2ACK104B15	104	0.10	18.0	12.0	6.0	15.0	0.8
MPX2ACK124B15-H12	124	0.12	18.0	12.0	6.0	15.0	0.8
MPX2ACK124B15	124	0.12	18.0	13.5	7.5	15.0	0.8
MPX2ACK154B15	154	0.15	18.0	13.5	6.2	15.0	0.8
MPX2ACK154B15-H14.5	154	0.15	18.0	14.5	8.5	15.0	0.8
MPX2ACK184B15	184	0.18	18.0	14.5	8.5	15.0	0.8
MPX2ACK224B15	224	0.22	18.0	14.5	8.5	15.0	0.8
MPX2ACK224B22.5	224	0.22	26.5	16.5	7.0	22.5	0.8
MPX2ACK274B22.5	274	0.27	26.5	17.0	8.5	22.5	0.8
MPX2ACK334B15	334	0.33	18.0	16.0	10.0	15.0	0.8
MPX2ACK334B22.5	334	0.33	26.5	17.0	8.5	22.5	0.8
MPX2ACK394B22.5	394	0.39	26.5	19.0	10.0	22.5	0.8
MPX2ACK474B15	474	0.47	18.0	16.0	10.0	15.0	0.8
MPX2ACK474B22.5-H17	474	0.47	26.5	17.0	8.5	22.5	0.8
MPX2ACK474B22.5	474	0.47	26.5	19.0	10.0	22.5	0.8
MPX2ACK474B27.5	474	0.47	32.0	20.0	11.0	27.5	0.8
MPX2ACK564B22.5	564	0.56	26.5	19.0	10.0	22.5	0.8
MPX2ACK564B27.5	564	0.56	32.0	20.0	11.0	27.5	0.8
MPX2ACK684B22.5	684	0.68	26.5	19.0	10.0	22.5	0.8
MPX2ACK684B27.5	684	0.68	32.0	20.0	11.0	27.5	0.8
MPX2ACK824B15	824	0.82	18.0	18.5	11.0	15.0	0.8
MPX2ACK824B22.5	824	0.82	26.5	21.5	12.5	22.5	0.8
MPX2ACK824B27.5	824	0.82	32.0	22.0	13.0	27.5	0.8
MPX2ACK105B22.5	105	1.0	26.5	21.5	12.5	22.5	0.8
MPX2ACK105B27.5-H20	105	1.0	32.0	20.0	11.0	27.5	0.8
MPX2ACK105B27.5	105	1.0	32.0	22.0	13.0	27.5	0.8

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