

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:

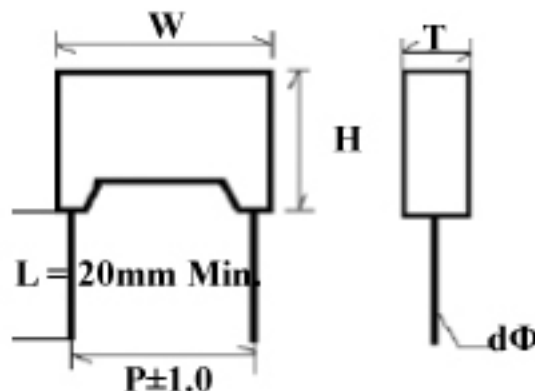
- Self healing properties.
- 10mm to 27.5mm lead pitch.
- Overvoltage stress withstanding.
- Certified standards of: CE, CSA, ENEC, UL, VDE, CQC

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 ~ +100°C
Capacitance Range	0.001μF ~ 1.0μF
Capacitance Tolerance	J = ±5%, 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 J = 5%, K = 10% Tolerance, M = 20% available.

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Part Number	CODE	RV	275VAC				
		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

Note: Part Numbers are with J = 5%, K = 10% Tolerance, M = 20% available.

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CAPACITOR TYPE	VOLTAGE CODE	TOLERANCE CODE	CAPACITANCE (PF)	LEAD STYLE	LEAD SPACING
M E F	4 0 0	K	1 5 3	B	1 0

TYPE	CODE	RATED VOLTAGE
MMT		
EM7	050	50 Vdc
MEF	063	63 Vdc
DME	100	100 Vdc
MEM	125	125 Vdc
MEA	160	160 Vdc
MET	200	200 Vdc
MEY	250	250 Vdc
PEI	400	400 Vdc
PEN	500	500 Vdc
MPP	600	600 Vdc
MPM	630	630 Vdc
MPT	800	800 Vdc
MPA	102	1000 Vdc
MPX1	152	1500 Vdc
MPX2	162	1600 Vdc
MY2	252	2500 Vdc
PPN	1AC	125 VAC
PPT	2AC	250 VAC
PPS	AC	275 VAC
X1/Y1	3BC	300 VAC
X1/Y2	3AC	310 VAC
AME	2CC	350 VAC
MEV	4AC	400 VAC
QPC	4BC	450 VAC
AMP		

CODE	TOLERANCE
G	±2%
J	±5%
K	±10%
M	±20%

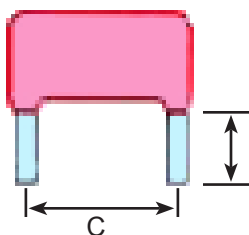
CODE	CAPACITANCE
102	0.001µF 1,000PF
472	0.0047µF 4,700PF
103	0.01µF 10,000PF
153	0.015µF 15,000PF
334	0.33µF 330,000PF
104	0.1µF 100,000PF
684	0.68µF 680,000PF
105	1.0µF 1,000,000PF
475	4.7µF 4,700,000PF
186	18µF 18,000,000PF

CODE	RATED VOLTAGE
3	3.0 mm
3.5	3.5 mm
4	4.0 mm
5	5.0 mm
6	6.0 mm
7	7.0 mm
7.5	7.5 mm
8	8.0 mm
9	9.0 mm
10	10.0 mm
15	15.0 mm
20	20.0 mm
22.5	22.5 mm
27.5	27.5 mm

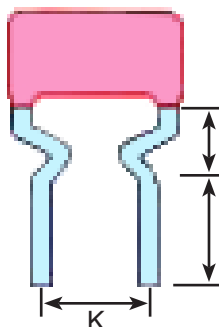
CODE	LEAD PACKING STYLE	CODE(7) SPECIFIED AS:
A	TAPE / AMMO	LEAD SPACING(P)
B	STANDARD BULK	LEAD SPACING (P)
T	TAPE & REEL STANDARD LEAD SPACING ON TAPED PART IS 5mm SPECIAL 7.5mm AND 10mm SPECIFY LEAD SPACING	NOT APPLICABLE IF STANDARD
TA	AXIAL LEAD TAPING	NOT APPLICABLE
C	CUTTING BULK NOTE LEAD SPACING IS PART OF THE DESCRIPTION	LEAD LENGHT
F	FORMING BULK	LEAD SPACING (P)
K	KINKED BULK	LEAD SPACING (P)
X	SPECIAL LEAD CONFIGURATION	CONSULT FACTORY

FORMING AND CUTTING

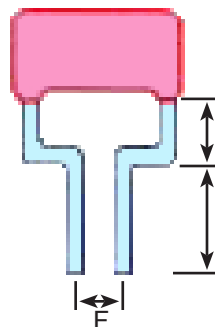
(A) CUTTING STYLE



(B) KINK STYLE



(C) FORMING STYLE



(D) CUSTOM-MADE

Technical expertise available to design and produce items of special requirements to customers satisfaction.

(UNITS: mm)