



MPX (310VAC) Series

METALLIZED POLYPROPYLENE FILM CAPACITOR

MPX 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:

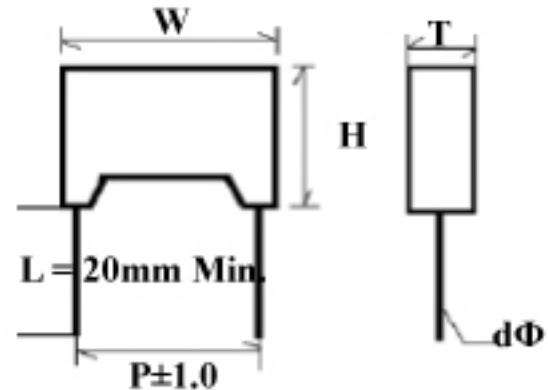
- Non-Inductive and Self healing properties.
- 10mm to 27.5mm lead pitch.
- Overvoltage stress withstanding.
- Certified standards of: CE, cUL, ENEC, UL, VDE, CQC

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 ~ +110°C
Capacitance Range	0.001μF ~ 1.0μF
Capacitance Tolerance	J = ±5%, K = ±10%, M = ±20%
Rated Voltage (RV)	310VAC
Dissipation Factor (DF)	0.1% Max, at 1KHz and 25°C
Testing Voltage (TV)	1200Vdc 60 sec, or 2000VAC / 60 sec
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	310VAC					
		SIZE	W	H	T	P	D Φ	
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5	
MPX3ACK102B10	102	0.001	18.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK103B10	103	0.01	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK103B15	103	0.01	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK123B15	123	0.012	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK153B15	153	0.015	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK183B15	183	0.018	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK223B10	223	0.022	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK223B15	223	0.022	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK273B10	273	0.027	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK273B15	273	0.027	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK333B10	333	0.033	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK333B15	333	0.033	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK393B15	393	0.039	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK473B10	473	0.047	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK473B15	473	0.047	18.0	13.0	11.0	5.0	15.0	0.8
MPX3ACK563B10	563	0.056	13.0	13.0	11.0	5.0	10.0	0.6
MPX3ACK563B15	563	0.056	18.0	13.0	11.0	5.0	15.0	0.8

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

Please contact us for special case or items not listed.



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Part Number	CODE	RV	310VAC				
		SIZE	W	H	T	P	D Φ
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5
MPX3ACK683B10	683	0.068	13.0	11.0	5.0	10.0	0.6
MPX3ACK683B15	683	0.068	18.0	11.0	5.0	15.0	0.8
MPX3ACK823B10	823	0.082	13.0	12.0	6.0	10.0	0.6
MPX3ACK823B15	823	0.082	18.0	12.0	6.0	15.0	0.8
MPX3ACK104B10	104	0.10	13.0	12.0	6.0	10.0	0.6
MPX3ACK104B15	104	0.10	18.0	11.0	5.0	15.0	0.8
MPX3ACK104B15-H12.0	104	0.10	18.0	12.0	6.0	15.0	0.8
MPX3ACK124B15	124	0.12	18.0	12.0	6.0	15.0	0.8
MPX3ACK154B15	154	0.15	18.0	13.0	6.2	15.0	0.8
MPX3ACK154B15-H14.5	154	0.15	18.0	14.5	8.5	15.0	0.8
MPX3ACK184B15	184	0.18	18.0	14.5	8.5	15.0	0.8
MPX3ACK224B15	224	0.22	18.0	14.5	8.5	15.0	0.8
MPX3ACK224B15-H16.0	224	0.22	18.0	16.0	10.0	15.0	0.8
MPX3ACK224B15-H13.0	224	0.22	18.0	13.0	6.2	15.0	0.8
MPX3ACK224B22.5	224	0.22	26.5	16.5	7.0	22.5	0.8
MPX3ACK274B22.5	274	0.27	26.5	17.0	8.5	22.5	0.8
MPX3ACK334B15	334	0.33	18.0	16.0	10.0	15.0	0.8
MPX3ACK334B22.5	334	0.33	26.5	17.0	8.5	22.5	0.8
MPX3ACK394B22.5	394	0.39	26.5	19.0	10.0	22.5	0.8
MPX3ACK474B15	474	0.47	18.0	16.0	10.0	15.0	0.8
MPX3ACK474B22.5	474	0.47	26.5	17.0	8.5	22.5	0.8
MPX3ACK474B22.5-H19.0	474	0.47	26.5	19.0	10.0	22.5	0.8
MPX3ACK474B27.5	474	0.47	32.0	20.0	11.0	27.5	0.8
MPX3ACK564B27.5	564	0.56	32.0	20.0	11.0	27.5	0.8
MPX3ACK684B15	684	0.68	18.0	18.5	11.0	15.0	0.8
MPX3ACK684B22.5	684	0.68	26.5	19.0	10.0	22.5	0.8
MPX3ACK684B27.5	684	0.68	32.0	20.0	11.0	27.5	0.8
MPX3ACK824B15	824	0.82	18.0	18.5	11.0	15.0	0.8
MPX3ACK824B27.5	824	0.82	32.0	22.0	13.0	27.5	0.8
MPX3ACK105B22.5	105	1.0	26.5	21.5	12.0	22.5	0.8
MPX3ACK105B27.5	105	1.0	32.0	20.0	11.0	27.5	0.8
MPX3ACK105B27.5-H22.0	105	1.0	32.0	22.0	13.0	27.5	0.8

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