



# MPX (300VAC) 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 X1, AND ACROSS THE LINE CAPACITORS)**

### FEATURES:

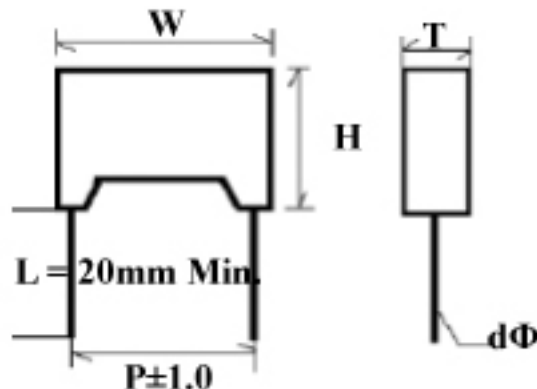
- Non-Inductive and Self healing properties.
- 10mm to 27.5mm lead pitch.
- Overvoltage stress withstanding.
- Certified standards of: CSA, UL, VDE, SEC, SEMKO, NEMKO, DEMKO, FIMKO

### 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	0.0047μF ~ 4.7μF
Capacitance Tolerance	J = ±5%, K = ±10%, M = ±20%
Rated Voltage (RV)	300VAC, 50Hz ~ 60Hz
Dissipation Factor (DF)	0.1% Max, at 1KHz and 25°C
Testing Voltage (TV)	160% of RV for 60sec
Insulation Resistance (IR) (measured at RV or 500Vdc whichever is smaller, at 25°C)	C ≤ 0.33μF, IR ≥ 30000MΩ C > 0.33μF, IR ≥ 10000MΩ



### DIMENSIONS:

Part Number	CODE	RV	300VAC				
		SIZE	W	H	T	P	D Φ
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5
MPX1ACK472B15	472	0.0047	18.0	10.0	5.0	15.0	0.8
MPX1ACK562B15	562	0.0056	18.0	10.0	5.0	15.0	0.8
MPX1ACK682B15	682	0.0068	18.0	10.0	5.0	15.0	0.8
MPX1ACK822B15	822	0.0082	18.0	10.0	5.0	15.0	0.8
MPX1ACK103B15	103	0.010	18.0	10.0	5.0	15.0	0.8
MPX1ACK123B15	123	0.012	18.0	10.0	5.0	15.0	0.8
MPX1ACK153B15	153	0.015	18.0	10.0	5.0	15.0	0.8
MPX1ACK183B15	183	0.018	18.0	10.0	5.0	15.0	0.8
MPX1ACK223B15	223	0.022	18.0	10.0	5.0	15.0	0.8
MPX1ACK273B15	273	0.027	18.0	10.0	5.0	15.0	0.8
MPX1ACK333B15	333	0.033	18.0	10.0	5.0	15.0	0.8
MPX1ACK473B15	473	0.047	18.0	10.0	5.0	15.0	0.8
MPX1ACK563B15	563	0.056	18.0	10.0	5.0	15.0	0.8
MPX1ACK683B15	683	0.068	18.0	10.0	5.0	15.0	0.8
MPX1ACK823B15	823	0.082	17.0	11.0	5.0	15.0	0.8
MPX1ACK104B15	104	0.10	17.0	11.0	5.5	15.0	0.8
MPX1ACK124B15	124	0.12	18.0	12.0	6.0	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.



# MPX (300VAC) Series

## METALLIZED POLYPROPYLENE FILM CAPACITOR

Part Number	CODE	RV	310VAC				
		SIZE	W	H	T	P	D Φ
		cap μF	±0.5	±0.5	±0.5	±0.5	±0.5
MPX1ACK154B15	154	0.15	18.0	13.5	6.0	15.0	0.8
MPX1ACK224B15	224	0.22	17.0	15.5	7.5	15.0	0.8
MPX1ACK224B22.5	224	0.22	25.0	14.5	6.0	22.5	0.8
MPX1ACK274B22.5	274	0.27	26.0	16.5	7.0	22.5	0.8
MPX1ACK334B15	334	0.33	17.0	16.5	9.5	15.0	0.8
MPX1ACK334B22.5	334	0.33	26.5	16.5	7.0	22.5	0.8
MPX1ACK394B22.5	394	0.39	26.5	17.0	8.5	22.5	0.8
MPX1ACK474B15	474	0.47	17.0	19.0	11.0	15.0	0.8
MPX1ACK474B22.5	474	0.47	26.5	17.0	8.5	22.5	0.8
MPX1ACK564B22.5	564	0.56	26.5	19.0	10.0	22.5	0.8
MPX1ACK604B27.5	604	0.60	31.5	20.0	11.0	27.5	0.8
MPX1ACK684B22.5	684	0.68	26.5	19.0	10.0	22.5	0.8
MPX1ACK684B27.5	684	0.68	31.5	20.0	11.0	27.5	0.8
MPX1ACK824B27.5	824	0.82	31.5	20.0	11.0	27.5	0.8
MPX1ACK105B27.5	105	1.0	30.0	21.0	11.5	27.5	0.8
MPX1ACK105B32.5	105	1.0	37.0	24.0	13.5	32.5	0.8
MPX1ACK125B32.5	125	1.2	37.0	24.0	13.5	32.5	0.8
MPX1ACK155B32.5	155	1.5	37.0	24.0	13.5	32.5	0.8
MPX1ACK185B32.5	185	1.8	37.0	26.5	16.0	32.5	0.8
MPX1ACK225B32.5	225	2.2	37.0	26.5	16.0	32.5	0.8
MPX1ACK275B32.5	275	2.7	37.0	28.5	18.0	32.5	0.8
MPX1ACK335B32.5	335	3.3	37.0	34.0	22.0	32.5	0.8
MPX1ACK335B47.5	335	3.3	51.0	27.5	17.3	47.5	0.8
MPX1ACK395B32.5	395	3.9	37.0	34.0	22.0	32.5	0.8
MPX1ACK395B47.5	395	3.9	51.0	27.5	17.5	47.5	0.8
MPX1ACK475B47.5	475	4.7	51.0	30.5	20.0	47.5	0.8
MPX1ACK565B47.5	565	5.6	51.0	34.0	22.5	47.5	0.8
MPX1ACK685B47.5	685	6.8	51.0	34.0	22.5	47.5	0.8
MPX1ACK106B47.5	106	10.0	51.0	43.5	29.0	47.5	0.8

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