



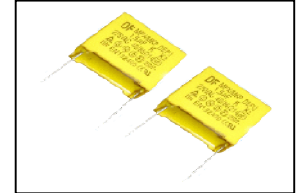
# DONGGUAN CITY AMAZING ELECTRONICS CO., LTD.

## METALLIZED POLYPROPYLENE FILM CAPACITORS

### MPX X2 CLASS

#### • Construction

- Are non-inductively wound with metallized polyester film as the dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.



#### • Features

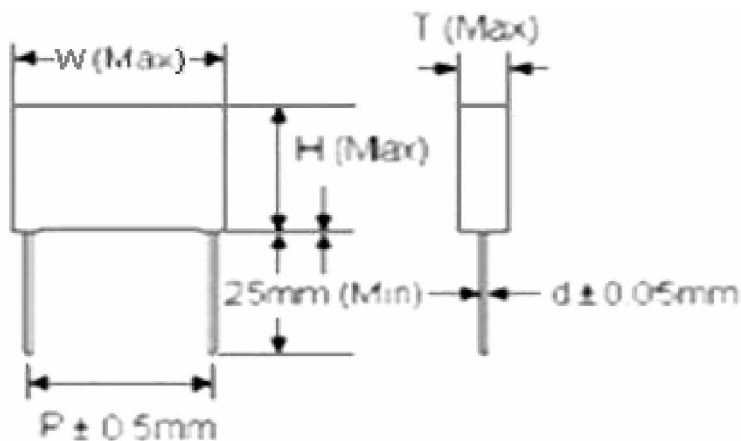
- Provides interference suppression, all safety approval.
- Box type provides the identical outer appearance.
- High insulation resistance, long life due to self-healing effect.
- Very low loss at high frequency, suitable for high current.
- Withstanding 2.5kv impulse voltage, class X2.
- As an across-the-line type noise suppression capacitor, and suitable for AC purpose.



#### • Specifications

Reference Standard	GB/T14472-1998(IEC 60384-14)	
Climatic Category	40/100/21	
Rated Voltage	275VAC	
Capacitance Range	0.0047 4.7 $\mu$ F	
Capacitance Tolerance	$\pm$ 5% J , $\pm$ 10% K , $\pm$ 20% M	
Voltage proof	4.3U <sub>R</sub> DC 5s	
Dissipation Factor	$\leq$ 0.12% CR $\leq$ 1 $\mu$ F) $\leq$ 0.3%(CR>1 $\mu$ F)(20oC,10kHz)	
Insulation Resistance	$\geq$ 15000M $\Omega$ CR $\leq$ 0.33 $\mu$ F $\geq$ 5000s (CR>0.33 $\mu$ F)	(20oC,1min)

#### • Outline drawing U nit: (mm)





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### • Dimensions

UF	SIZE	W (mm)	T (mm)	H (mm)	P (mm)	d mm	UF	SIZE	W (mm)	T (mm)	H (mm)	P (mm)	d mm
0.0022		13.0	4.0	9.0	10.0	0.6	0.22		26.5	7.0	16.5	22.5	0.8
0.0027		13.0	4.0	9.0	10.0	0.6	0.27		26.5	8.5	16.5	22.5	0.8
0.0033		13.0	4.0	9.0	10.0	0.6	0.33		18.0	8.5	14.5	15.0	0.8
0.0039		13.0	4.0	9.0	10.0	0.6	0.33		26.5	7.0	16.5	22.5	0.8
0.0047		13.0	5.0	11.0	10.0	0.6	0.33		26.5	8.5	17.0	22.5	0.8
0.0056		13.0	5.0	11.0	10.0	0.6	0.39		26.5	10.0	20.0	22.5	0.8
0.0068		13.0	5.0	11.0	10.0	0.6	0.47		17.5	11.0	19.0	15.0	0.8
0.0082		13.0	5.0	11.0	10.0	0.6	0.47		18.0	10.0	16.0	15.0	0.8
0.01		13.0	5.0	11.0	10.0	0.6	0.47		26.5	8.5	17.5	22.5	0.8
0.012		13.0	5.0	11.0	10.0	0.6	0.47		26.5	10.0	20.0	22.5	0.8
0.015		13.0	5.0	11.0	10.0	0.6	0.47		32.0	11.0	20.0	22.5	0.8
0.018		13.0	5.0	11.0	10.0	0.6	0.56		32.0	11.0	20.0	27.5	0.8
0.022		13.0	5.0	11.0	10.0	0.6	0.68		26.5	10.0	20.0	22.5	0.8
0.027		13.0	5.0	11.0	10.0	0.6	0.68		32.0	11.0	20.0	27.5	0.8
0.033		13.0	5.0	11.0	10.0	0.6	0.82		32.0	13.0	22.0	27.5	0.8
0.039		13.0	6.0	12.0	10.0	0.6	0.82		26.5	10.0	20.0	22.5	0.8
0.047		18.0	6.0	11.0	15.0	0.8	1.0		32.0	11.0	20.0	27.5	0.8
0.047		13.0	6.0	12.0	10.0	0.6	1.0		32.0	13.0	22.0	27.5	0.8
0.056		13.0	6.0	12.0	10.0	0.6	1.0		37.0	13.5	25.0	31.5	0.8
0.068		13.0	6.0	12.0	10.0	0.6	1.5		32.0	13.0	22.0	27.5	0.8
0.068		18.0	5.0	11.0	15.0	0.8	1.5		37.0	17.0	26.5	31.5	0.8
0.082		18.0	5.2	11.5	15.0	0.8	1.8		37.0	19.0	29.0	31.5	0.8
0.1		13.5	6.0	12.0	10.0	0.6	2.0		31.0	22.0	31.0	27.5	0.8
0.1		18.0	5.5	11.5	15.0	0.8	2.0		38.0	18.0	28.0	31.5	0.8
0.1		18.0	6.0	12.0	15.0	0.8	2.2		31.0	22.0	31.0	27.5	0.8
0.12		18.0	6.3	13.0	15.0	0.8	2.2		38.0	19.0	29.0	31.5	0.8
0.15		18.0	7.5	13.0	15.0	0.8	2.5		38.0	20.0	30.0	31.5	0.8
0.15		26.5	6.0	15.0	22.5	0.8	3.0		38.0	20.0	30.0	31.5	0.8
0.18		18.0	8.5	14.5	15.0	0.8	3.3		38.0	21.7	31.3	31.5	0.8
0.18		26.5	6.0	15.0	22.5	0.8	4.0		48.0	30.0	30.0	41.5	0.8
0.22		18.0	8.5	11.5	15.0	0.8	4.7		48.0	30.0	30.0	41.5	0.8

**Please contact us for special item or size not listed**

UF	V <sub>AC</sub>	W(mm)	T(mm)	H(mm)	P(mm)	d mm
104J	275VAC	18.0	5.5	11.5	15.0	0.8
224K	275VAC	18.0	8.5	11.5	15.0	0.8
105M	275VAC	18.0	7.5	13.0	15.0	0.8