

MPA / MPT series (Axial Lead) Metallized Polypropylene Film Capacitors

◆ Feature

- » Low Dissipation Factor at high frequency.
- » Excellent frequency characteristics.
- » Good long term stability.
- » Moisture resistant.



◆ Application

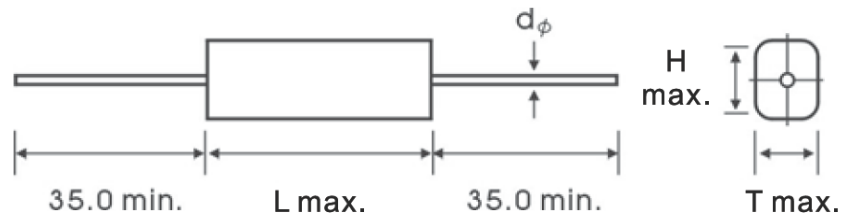
- » Use in wave-form shaping delay & timing circuit.
- » Switching power supply input filtering.
- » DC blocking and output filter applications.
- » High current, high voltage, high frequency applications.

◆ Electrical characteristics

- » Rated Voltage : 100 / 250 / 400 / 630 / 1400 VDC
- » Rated Temperature : -55 ~ +85°C
- » Capacitance Range : 0.01 to 30 uF
- » Capacitance Tolerance: ±5% (J) / ±10% (K) / ±20% (M)

◆ Part Number

MPT	103	K	401	A	B		
Type	Capacitance	Tolerance	Voltage	Type	Packing	Cutting	Lead Length
MPA (Flat)	10nF=103	J: 5%	400V=401	A= Axial	B= Bulk		Blank=Standard
MPT (Column)	0.47uF=474	K: 10%	630V=631		T= Tape for Reel		C=Cutting (mm)
	20uF=206	M: 20%	1400V=142				



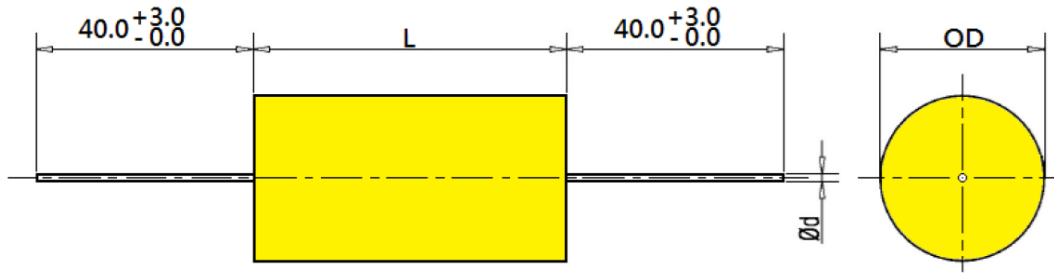
◆ **Dimension (Axial-Flat)**

L x H x T x d: Max. mm

Capacitance (uF)	100 VDC	250 VDC	400 VDC	630 VDC
0.010	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6
0.015	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6	16.0 x 9.0 x 5.0 x 0.6
0.022	16.0 x 10.0 x 6.0 x 0.6	16.0 x 10.0 x 6.0 x 0.6	16.0 x 11.0 x 7.0 x 0.6	16.0 x 12.0 x 6.5 x 0.6
0.033	16.0 x 10.0 x 6.0 x 0.6	16.0 x 10.0 x 6.0 x 0.6	16.0 x 11.0 x 7.0 x 0.6	16.0 x 13.0 x 7.0 x 0.6
0.047	16.0 x 10.0 x 6.0 x 0.6	16.0 x 10.0 x 6.0 x 0.6	16.0 x 12.0 x 7.0 x 0.6	21.0 x 11.0 x 6.0 x 0.8
0.068	16.0 x 10.0 x 6.0 x 0.6	16.0 x 10.0 x 6.0 x 0.6	21.0 x 9.0 x 7.0 x 0.8	21.0 x 12.0 x 8.0 x 0.8
0.10	16.0 x 8.0 x 4.0 x 0.6	16.0 x 9.0 x 4.0 x 0.6	21.0 x 9.0 x 5.0 x 0.8	21.0 x 12.0 x 8.0 x 0.8
0.15	16.0 x 8.0 x 4.0 x 0.6	16.0 x 9.0 x 4.0 x 0.6	21.0 x 10.0 x 6.0 x 0.8	26.0 x 13.0 x 8.0 x 0.8
0.22	16.0 x 8.0 x 5.0 x 0.6	21.0 x 9.0 x 5.0 x 0.8	21.0 x 12.0 x 8.0 x 0.8	26.0 x 15.0 x 9.0 x 0.8
0.33	21.0 x 8.0 x 5.0 x 0.8	21.0 x 10.0 x 6.0 x 0.8	26.0 x 13.0 x 8.0 x 0.8	26.0 x 17.0 x 11.0 x 0.8
0.47	21.0 x 9.0 x 5.0 x 0.8	21.0 x 10.0 x 6.0 x 0.8	26.0 x 14.0 x 8.0 x 0.8	31.0 x 17.0 x 12.0 x 0.8
0.68	26.0 x 11.0 x 6.0 x 0.8	26.0 x 12.0 x 7.0 x 0.8	26.0 x 17.0 x 10.0 x 0.8	31.0 x 21.0 x 15.0 x 0.8
1.0	26.0 x 12.0 x 7.0 x 0.8	26.0 x 13.0 x 7.0 x 0.8	31.0 x 18.0 x 11.0 x 0.8	31.0 x 22.0 x 16.0 x 0.8
1.5	31.0 x 13.0 x 8.0 x 0.8	26.0 x 15.0 x 9.0 x 0.8	31.0 x 19.0 x 11.0 x 0.8	
2.2	31.0 x 14.0 x 9.0 x 0.8	31.0 x 17.0 x 9.0 x 0.8		
3.3	31.0 x 18.0 x 10.0 x 0.8	31.0 x 19.0 x 12.0 x 0.8		
4.7	31.0 x 18.0 x 11.0 x 0.8			
6.8	36.0 x 20.0 x 11.0 x 0.8			
10	36.0 x 22.0 x 12.0 x 0.8			

For enquiry on items not within the above range or with special dimensions, please contact us for availability.
 All product specification and data are subject to change without notice.

Unit:mm



◆ Dimension (Axial-Column)

L x OD x d: Max. mm

Capacitance (uF)	100 VDC	250 VDC	400 VDC	630 VDC
0.010	14.0 x 5.5 x 0.6	14.0 x 5.5 x 0.6	16.0 x 6.0 x 0.6	16.0 x 6.0 x 0.6
0.015	14.0 x 5.5 x 0.6	14.0 x 5.5 x 0.6	16.0 x 6.0 x 0.6	16.0 x 7.0 x 0.6
0.022	14.0 x 5.5 x 0.6	14.0 x 5.5 x 0.6	16.0 x 8.0 x 0.6	16.0 x 8.0 x 0.6
0.033	14.0 x 5.5 x 0.6	14.0 x 5.5 x 0.6	16.0 x 7.0 x 0.6	16.0 x 9.0 x 0.6
0.047	14.0 x 5.5 x 0.6	16.0 x 6.0 x 0.6	16.0 x 7.0 x 0.6	21.0 x 8.0 x 0.6
0.068	14.0 x 5.5 x 0.6	16.0 x 6.0 x 0.6	16.0 x 10.0 x 0.6	21.0 x 9.0 x 0.6
0.10	16.0 x 6.0 x 0.6	16.0 x 7.0 x 0.6	21.0 x 8.0 x 0.6	21.0 x 10.0 x 0.8
0.15	16.0 x 6.0 x 0.6	16.0 x 8.0 x 0.6	21.0 x 8.0 x 0.6	26.0 x 11.0 x 0.8
0.22	16.0 x 7.0 x 0.6	21.0 x 8.0 x 0.6	21.0 x 9.0 x 0.8	26.0 x 13.0 x 0.8
0.33	21.0 x 7.0 x 0.6	21.0 x 9.0 x 0.6	26.0 x 10.0 x 0.8	26.0 x 14.0 x 0.8
0.47	21.0 x 8.0 x 0.6	21.0 x 10.0 x 0.8	26.0 x 12.0 x 0.8	31.0 x 15.0 x 0.8
0.68	21.0 x 9.0 x 0.6	26.0 x 9.0 x 0.8	26.0 x 13.0 x 0.8	31.0 x 18.0 x 0.8
1.0	26.0 x 10.0 x 0.8	26.0 x 11.0 x 0.8	31.0 x 15.0 x 0.8	31.0 x 21.0 x 0.8
1.5	26.0 x 11.0 x 0.8	26.0 x 12.0 x 0.8	31.0 x 18.0 x 0.8	47.0 x 19.0 x 0.8
2.2	26.0 x 11.0 x 0.8	31.0 x 14.0 x 0.8	31.0 x 20.0 x 0.8	47.0 x 23.0 x 0.8
3.3	26.0 x 14.0 x 0.8	31.0 x 17.0 x 0.8	47.0 x 20.0 x 0.8	47.0 x 27.0 x 0.8
4.7	31.0 x 15.0 x 0.8	31.0 x 18.0 x 0.8	47.0 x 26.0 x 0.8	47.0 x 31.0 x 0.8
6.8	31.0 x 18.0 x 0.8	47.0 x 19.0 x 0.8	47.0 x 26.0 x 0.8	
10	31.0 x 21.0 x 0.8	47.0 x 19.0 x 0.8		
15	47.0 x 26.0 x 0.8	47.0 x 21.0 x 0.8		

Capacitance (uF)	1400 VDC			
20	62.0 x 45.0 x 1.0			
30	62.0 x 53.0 x 1.0			

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