

MPP series Metallized Polypropylene Film Capacitors

◆ Features

- » Low Dissipation Factor at high frequency.
- » Excellent frequency characteristics.
- » Self-healing property.
- » The armor is a power painted flame resisting epoxy resin. (correspond to UL V-0)



◆ Applications

- » Pulse operation in SMPS and thyristor circuits.
- » Deflection circuits in TV sets (S-correction).
- » High frequency coupling and decoupling.
- » Sample & hold circuits and other applications demanding stable operation.

◆ Construction

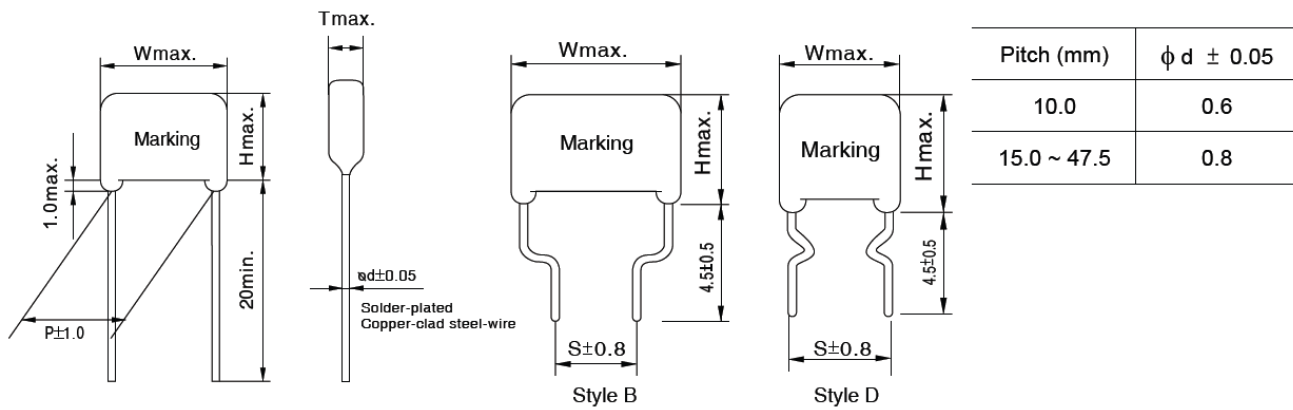
Non-inductive construction using Metallized Polypropylene film with flame retardant epoxy resin coating.

◆ Specification

- » Rated Voltage : 100 / 250 / 400 / 630 VDC
- » Rated Temperature : -40 ~ +85°C
- » Capacitance Range : 0.0047 to 40 uF
- » Capacitance Tolerance: ±5% (J) / ±10% (K) / ±20% (M)

◆ Part Number

MPP	103	K	401	R	B	-	10		
Type	Capacitance	Tolerance	Voltage	Lead	Packing	Pitch	Cutting	Lead Length	
MPP	10nF=103	J: 5%	400V =401	R= Radial	B= Bulk		Blank=Standard		
	0.47uF=474	K: 10%	630V =631	A= Axial	T= Tape for Reel		C=Cutting (mm)		
		M: 20%							



Pitch (mm)	$\phi d \pm 0.05$
10.0	0.6
15.0 ~ 47.5	0.8

◆ Dimension

W x H x T x P: Max. mm

Capacitance (uF)	100 VDC	250 VDC	400 VDC	630 VDC
0.0047	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0
0.0068	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0
0.010	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.5 x 4.5 x 10.0
0.015	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.5 x 4.5 x 10.0	13.0 x 11.5 x 5.5 x 10.0
0.022	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 10.5 x 4.5 x 10.0	13.0 x 9.5 x 4.5 x 10.0
0.033	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 11.5 x 5.5 x 10.0	18.0 x 11.0 x 5.0 x 15.0
0.047	13.0 x 9.0 x 4.0 x 10.0	13.0 x 9.0 x 4.0 x 10.0	13.0 x 11.5 x 5.5 x 10.0	18.0 x 12.0 x 6.0 x 15.0
0.068	13.0 x 9.5 x 4.5 x 10.0	13.0 x 9.5 x 4.5 x 10.0	13.0 x 13.0 x 6.0 x 10.0	18.0 x 13.5 x 6.5 x 15.0
0.10	13.0 x 11.5 x 5.5 x 10.0	13.0 x 11.5 x 5.5 x 10.0	18.0 x 11.5 x 5.5 x 15.0	18.0 x 14.5 x 7.5 x 15.0
0.15	13.0 x 13.0 x 6.0 x 10.0	13.0 x 13.0 x 6.0 x 10.0	18.0 x 13.5 x 6.5 x 15.0	18.0 x 17.5 x 9.0 x 15.0
0.22	18.0 x 11.0 x 6.5 x 15.0	18.0 x 11.0 x 6.5 x 15.0	18.0 x 14.5 x 7.5 x 15.0	18.0 x 19.5 x 11.0 x 15.0
0.33	18.0 x 13.5 x 6.5 x 15.0	18.0 x 13.5 x 6.5 x 15.0	18.0 x 17.5 x 9.0 x 15.0	25.0 x 19.0 x 10.5 x 22.5
0.47	18.0 x 15.0 x 8.0 x 15.0	18.0 x 15.0 x 8.0 x 15.0	18.0 x 20.5 x 10.5 x 15.0	25.0 x 21.0 x 12.5 x 22.5
0.68	18.0 x 17.5 x 9.0 x 15.0	18.0 x 17.5 x 9.0 x 15.0	25.0 x 18.5 x 10.0 x 22.5	25.0 x 25.0 x 15.0 x 22.5
1.0	18.0 x 20.0 x 10.0 x 15.0	18.0 x 20.0 x 10.0 x 15.0	25.0 x 21.5 x 11.5 x 22.5	30.0 x 26.0 x 16.0 x 27.5
1.5	25.0 x 19.5 x 11.0 x 22.5	25.0 x 19.5 x 11.0 x 22.5	30.0 x 23.5 x 13.5 x 27.5	30.0 x 31.0 x 19.0 x 27.5
2.2	25.0 x 22.5 x 12.5 x 22.5	25.0 x 22.5 x 12.5 x 22.5	30.0 x 27.5 x 15.5 x 27.5	30.0 x 36.0 x 24.0 x 27.5
3.3	25.0 x 27.0 x 15.0 x 22.5	25.0 x 27.5 x 15.0 x 22.5	30.0 x 31.5 x 19.5 x 27.5	35.0 x 38.0 x 26.0 x 32.5
4.7	30.0 x 28.0 x 16.0 x 27.5	30.0 x 28.0 x 16.0 x 27.5	35.0 x 33.5 x 21.5 x 32.5	41.0 x 40.0 x 28.0 x 38.5
6.8	30.0 x 32.0 x 20.0 x 27.5	30.0 x 32.0 x 20.0 x 27.5	35.0 x 28.0 x 26.0 x 32.5	41.0 x 40.5 x 34.5 x 38.5
10.0	35.0 x 34.0 x 22.0 x 32.5	35.0 x 34.0 x 22.0 x 32.5	41.0 x 40.5 x 28.5 x 38.5	50.0 x 47.0 x 35.5 x 47.5
12.0	35.0 x 36.0 x 24.5 x 32.5	35.0 x 36.0 x 24.0 x 32.5	41.0 x 43.5 x 31.5 x 38.5	
15.0	35.0 x 39.0 x 27.0 x 32.5	35.0 x 39.0 x 27.0 x 32.5	50.0 x 43.0 x 31.0 x 47.5	
20.0	41.0 x 41.0 x 29.0 x 38.5	41.0 x 41.0 x 29.0 x 38.5	50.0 x 50.0 x 35.0 x 47.5	
25.0	41.0 x 44.5 x 32.5 x 38.5	41.0 x 44.5 x 32.5 x 38.5		
30.0	50.0 x 43.5 x 31.5 x 47.5	50.0 x 43.5 x 31.5 x 47.5		
40.0	50.0 x 50.0 x 35.5 x 47.5	50.0 x 50.0 x 35.5 x 47.5		

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.