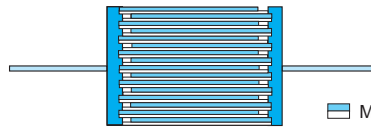


# Metalized Polypropylene Capacitor-Axial Flat

FILM CAPACITORS



Metallized Polypropylene Film  
 Metal Spray Layer  
 Connecting Wire

MPA

## ELECTRICAL CHARACTERISTICS:

MPA are non-inductively wound with metallized Polypropylene dielectric/electrode with outer wrapping of Polyester film and end sealed with epoxy resin. They are suitable for temperature compensation circuits, timing, oscillator circuits, power factor correction and coupling capacitor in SMPS application.

## FEATURES:

Low dissipation factor and high insulation resistance.  
 High stability of capacitance and DF versus temperature and frequency.  
 Self healing properties  
 Small size and light weight

## SPECIFICATION:

- Operating Temperature: -40 ~ +85°C
- Capacitance Range: .01 ~ 10 μF
- Capacitance Tolerance: ±5%(J), ±10%(K)
- Rated Voltage: 250VDC, 400VDC, 630VDC
- Dissipation factor (DF%): at +25°C

K Hz	C≤0.1μF	0.1μF<C≤1.0μF	1.0μF<C≤3.0μF	3.0μF<C≤5.0μF	5.0μF<C≤10.0μF
1	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
100	≤0.4	≤0.7	≤1.20	≤1.80	≤2.80

- Insulation resistance: > 30000M Ω For C < 0.33μF  
≥10000M Ω·μF For C ≥ 0.33μF

Unit:mm

R.V.	250VDC			400VDC			630VDC		
	L	H	T	L	H	T	L	H	T
.01	14.0	8.0	5.0	14.0	8.0	5.0	14.0	9.0	5.5
.015	14.0	8.5	5.0	14.0	8.5	5.0	14.0	10.0	6.0
.022	14.0	10.0	5.0	14.0	10.0	5.0	14.0	10.0	6.0
.033	14.0	11.0	6.0	14.0	11.0	6.0	19.0	11.5	6.5
.047	14.0	9.5	5.0	14.0	11.5	6.5	19.0	13.0	7.5
.068	14.0	10.5	5.5	19.0	12.0	7.0	19.0	13.5	8.5
.1	14.0	11.5	7.0	19.0	12.0	7.5	27.0	13.0	8.0
.15	19.0	10.5	6.0	19.0	14.5	8.5	27.0	16.0	9.0
.22	19.0	10.5	7.0	27.0	14.5	8.0	33.0	17.0	10.5
.33	19.0	12.5	8.0	27.0	16.0	9.5	33.0	20.0	12.5
.47	27.0	15.0	8.5	33.0	16.0	10.0	33.0	22.0	14.5
.68	27.0	16.0	10.0	33.0	18.0	11.0	33.0	23.0	16.0
1.0	33.0	17.5	10.0	33.0	21.0	14.0	38.0	25.0	17.0
1.5	33.0	19.5	13.0	33.0	24.0	16.0	44.0	32.0	21.0
2.2	33.0	20.0	13.5	38.0	30.0	14.5	44.0	37.0	23.0
3.3	33.0	24.0	16.0	44.0	37.0	18.0			
4.7	38.0	25.0	16.0						
6.8	44.0	32.0	16.0						
10.0	44.0	38.0	18.0						

Film Capacitors