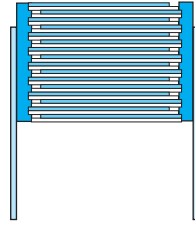


Metallized Polypropylene Film Capacitors-Radial

FILM CAPACITORS



- Metallized Polypropylene Film
- Metal Spray Layer
- Connecting Wire

MPP

ELECTRICAL CHARACTERISTICS:

MPP are non-inductively wound with metallized Polypropylene dielectric/electrode and copper-clad steel leads with epoxy resin coating. 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.
- Space-saving small size.

SPECIFICATION:

1. Operating Temperature: -40 ~ +85°C
2. Capacitance Range: .01 ~ 10μF
3. Capacitance Tolerance: ±5%(J), ±10%(K)
4. Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC.
5. 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

6. Insulation Resistance: > 30000M Ω For C ≤ 0.33μF
≥ 10000M Ω·μF For C > 0.33μF

Unit:mm

R.V.	100VDC					250VDC					400VDC					630VDC				
	L	H	T	P±1	d ∅	L	H	T	P±1	d ∅	L	H	T	P±1	d ∅	L	H	T	P	d ∅
.01	10.5	9.0	5.5	7.5	0.6	10.5	9.0	5.5	7.5	0.6	13.0	9.0	5.5	10.0	0.6	13.0	11.5	6.5	10.0	0.6
.015	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	13.0	9.5	6.0	10.0	0.6	13.0	12.0	7.5	10.0	0.6
.022	10.5	9.5	6.0	7.5	0.6	13.0	10.0	6.0	10.0	0.6	13.0	10.0	6.0	10.0	0.6	13.0	13.5	9.0	10.0	0.6
.033	10.5	9.5	6.0	7.5	0.6	13.0	10.0	6.0	10.0	0.6	13.0	10.5	7.0	10.0	0.6	18.5	14.0	8.0	15.0	0.8
.047	13.0	10.5	6.0	10.0	0.6	13.0	10.5	6.0	10.0	0.6	13.0	12.5	7.5	10.0	0.6	18.5	14.5	8.5	15.0	0.8
.068	13.0	11.0	6.0	10.0	0.6	13.0	11.0	6.0	10.0	0.6	18.5	12.5	7.0	15.0	0.8	18.5	15.5	9.5	15.0	0.8
.1	13.0	11.0	6.5	10.0	0.6	18.5	11.0	6.5	15.0	0.6	18.5	13.5	7.5	15.0	0.8	23.0	17.5	10.5	20.0	0.8
.15	18.5	11.5	6.5	15.0	0.6	18.5	11.5	6.5	15.0	0.6	18.5	15.5	9.0	15.0	0.8	23.0	18.5	12.0	20.0	0.8
.22	18.5	11.5	7.0	15.0	0.6	18.5	13.0	7.0	15.0	0.6	23.0	15.0	9.0	20.0	0.8	32.0	19.0	12.0	27.5	0.8
.33	18.5	12.0	7.5	15.0	0.6	18.5	14.5	8.0	15.0	0.8	23.0	17.5	11.0	20.0	0.8	32.0	22.0	14.5	27.5	0.8
.47	18.5	14.0	8.0	15.0	0.8	23.0	14.0	8.0	20.0	0.8	32.0	18.5	11.5	27.5	0.8	32.0	24.0	15.0	27.5	0.8
.68	18.5	15.5	9.0	15.0	0.8	23.0	16.0	10.0	20.0	0.8	32.0	20.5	13.5	27.5	0.8	36.0	28.5	16.0	32.5	0.8
1.0	23.0	17.5	10.5	20.0	0.8	32.0	16.5	10.0	27.5	0.8	32.0	24.5	16.0	27.5	0.8	42.0	31.0	18.0	32.5	1.0
1.5	32.0	18.0	11.0	27.5	0.8	32.0	18.5	12.0	27.5	0.8	36.0	25.5	17.5	32.5	1.0	42.0	35.0	21.5	37.5	1.0
2.2	32.0	19.0	12.5	27.5	0.8	32.0	21.5	14.5	27.5	0.8	42.0	30.0	18.0	37.5	1.0	42.0	40.0	26.0	37.5	1.0
3.3	32.0	21.5	14.5	27.5	0.8	32.0	26.0	17.0	27.5	0.8	42.0	38.0	22.0	37.5	1.0					
4.7	36.0	24.0	14.0	32.5	1.0	36.0	28.0	19.5	32.5	1.0										
6.8	42.0	30.0	17.0	37.5	1.0	42.0	33.0	19.0	37.5	1.0										
10.0	42.0	33.0	19.0	37.5	1.0	42.0	38.0	22.0	37.5	1.0										

Film Capacitors