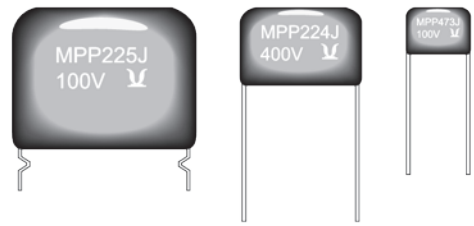


Metallized Polypropylene Film Capacitor

金属化聚丙烯膜电容器

MPP

MPP are non-inductively wound with metallized polypropylene film as dielectric and electrode, and epoxy resin coating. They are suitable for filtering, by-passing, coupling, decoupling, timing, tuning and temperature compensation for applications in industrial instrument, telecommunication and data processing equipments.



FEATURES

- Low dissipation factor (DF).
- High insulation resistance.
- High stability of capacitance and dissipation factor (DF) versus temperature and frequency.
- Self-healing properties.

SPECIFICATIONS

- Operating Temperature: -40°C -- +85°C.
- Capacitance Range: 0.010uF -- 3.3uF.
- Capacitance Tolerance: ±2%(G), ±5%(J), ±10%(K).
- Rated Voltage: 100VDC, 200 VDC, 250VDC, 400VDC, 630VDC.
- Dissipation Factor: 0.1% max. at 1KHz, 25°C.
- Insulation Resistance: >30,000 MΩ (C≤0.33uF).
>10,000 MΩ • uF/C (C>0.33uF).
- Dielectric Strength: 150% of rated voltage for 5 sec.

DIMENSIONS

Unit: mm

R.V. SIZE CAP (uF)	100 VDC					200 VDC / 250 VDC					400 VDC					630 VDC				
	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05
0.010											10.5	10.0	5.5	7.5	0.6	13.0	11.5	6.0	10.0	0.6
0.012											10.5	10.5	6.0	7.5	0.6	13.0	12.0	6.5	10.0	0.6
0.015											10.5	11.0	6.5	7.5	0.6	13.0	12.5	7.0	10.0	0.6
0.018											10.5	11.5	7.0	7.5	0.6	13.0	13.0	7.5	10.0	0.6
0.022						10.5	10.5	6.0	7.5	0.6	10.5	12.0	8.0	7.5	0.6	13.0	13.5	8.0	10.0	0.6
0.027						10.5	11.0	6.5	7.5	0.6	13.0	12.0	6.5	10.0	0.6	19.0	13.0	7.5	15.0	0.6
0.033	10.5	9.0	5.5	7.5	0.6	10.5	11.5	7.0	7.5	0.6	13.0	12.5	6.5	10.0	0.6	19.0	13.5	7.5	15.0	0.6
0.039	10.5	9.5	5.5	7.5	0.6	10.5	12.0	7.5	7.5	0.6	13.0	13.0	7.5	10.0	0.6	19.0	14.0	8.0	15.0	0.6
0.047	10.5	9.5	5.5	7.5	0.6	10.5	12.5	8.0	7.5	0.6	13.0	13.5	8.0	10.0	0.6	19.0	15.5	9.5	15.0	0.8
0.056	10.5	10.0	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	13.0	14.5	8.5	10.0	0.6	19.0	17.0	9.5	15.0	0.8
0.068	10.5	10.0	6.5	7.5	0.6	13.0	12.5	7.5	10.0	0.6	19.0	14.5	7.0	15.0	0.6	24.0	16.0	8.5	20.0	0.8
0.082	10.5	11.0	6.5	7.5	0.6	13.0	13.5	8.0	10.0	0.6	19.0	15.5	8.0	15.0	0.6	24.0	17.0	9.5	20.0	0.8
0.10	10.5	12.0	7.0	7.5	0.6	13.0	14.5	8.0	10.0	0.6	19.0	16.0	8.5	15.0	0.6	24.0	17.5	10.0	20.0	0.8
0.12	10.5	12.5	7.5	7.5	0.6	13.0	15.0	8.5	10.0	0.6	19.0	17.0	9.5	15.0	0.6	24.0	18.5	11.0	20.0	0.8
0.15	13.0	12.0	7.0	10.0	0.6	19.0	14.0	7.5	15.0	0.6	19.0	17.5	10.0	15.0	0.8	24.0	19.0	12.0	20.0	0.8
0.18	13.0	12.5	7.0	10.0	0.6	19.0	15.0	8.0	15.0	0.6	24.0	17.5	8.5	20.0	0.8	24.0	20.0	12.5	20.0	0.8
0.22	13.0	13.0	7.5	10.0	0.6	19.0	16.0	9.0	15.0	0.6	24.0	18.0	9.5	20.0	0.8	30.0	21.5	11.0	25.0	0.8
0.27	13.0	13.5	8.0	10.0	0.6	19.0	17.0	10.0	15.0	0.6	24.0	18.0	10.0	20.0	0.8	30.0	23.0	12.5	25.0	0.8
0.33	19.0	13.0	7.5	15.0	0.6	19.0	18.0	10.5	15.0	0.6	24.0	18.5	10.0	20.0	0.8	30.0	24.0	13.5	25.0	0.8
0.39	19.0	13.5	8.0	15.0	0.6	24.0	18.5	9.5	20.0	0.8	24.0	19.0	11.0	20.0	0.8	32.0	24.5	13.5	27.5	0.8
0.47	19.0	14.0	8.5	15.0	0.8	24.0	19.5	9.5	20.0	0.8	24.0	20.0	11.0	20.0	0.8	32.0	24.5	14.0	27.5	0.8
0.56	19.0	16.0	9.0	15.0	0.8	24.0	20.0	10.0	20.0	0.8	30.0	22.0	12.0	25.0	0.8	32.0	26.0	16.0	27.5	0.8
0.68	19.0	16.5	10.0	15.0	0.8	24.0	20.0	11.0	20.0	0.8	30.0	23.5	13.0	25.0	0.8	32.0	26.5	16.5	27.5	0.8
0.82	19.0	17.5	10.5	15.0	0.8	24.0	21.0	11.5	20.0	0.8	30.0	24.0	13.5	25.0	0.8	32.0	30.0	20.0	27.5	0.8
1.0	24.0	18.0	11.0	20.0	0.8	24.0	21.0	12.0	20.0	0.8	30.0	25.0	14.0	25.0	0.8	32.0	32.0	22.0	27.5	0.8
1.2	24.0	19.5	10.5	20.0	0.8	30.0	22.0	12.0	25.0	0.8										
1.5	24.0	19.5	11.0	20.0	0.8	30.0	23.0	13.0	25.0	0.8										
1.8	24.0	20.5	11.5	20.0	0.8	30.0	24.0	13.5	25.0	0.8										
2.2	24.0	21.0	12.5	20.0	0.8	30.0	25.5	14.0	25.0	0.8										
2.7	30.0	22.0	13.0	25.0	0.8	30.0	27.0	16.0	25.0	0.8										
3.3	30.0	22.5	14.5	25.0	0.8	30.0	28.5	18.0	25.0	0.8										

* For enquiry on items not within the above range or with special dimensions, please contact us for availability.

* Specifications are subject to change, please refer to approval sheets for final or mutually agreed specifications.