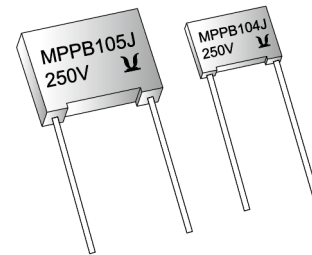


# Metallized Polypropylene Film Capacitor (Encapsulated)

## MPPB

## 金属化聚丙烯膜盒装电容器

MPPB are non-inductively wound with metallized polypropylene film as dielectric and electrode, and encapsulated in plastic cases, and sealed with epoxy resin. They are suitable for all applications as for MPP type requiring rectangular shape.



### FEATURES

High reliability at high current stress.

Self-healing properties.

Flame retardant plastic case and epoxy resin.

Low losses, high dv/dt capability.

High moisture resistance.

High stability of capacitance and long life.

### SPECIFICATIONS

Operating Temperature: -40°C -- +85°C.

Capacitance Range: 0.010uF -- 3.3uF.

Capacitance Tolerance: ±5%(J), ±10%(K).

Rated Voltage: 100VDC, 200VDC, 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 >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											13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
0.012											13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
0.015						13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
0.018						13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
0.022	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
0.027	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6
0.033	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6
0.039	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6
0.047	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	14.0	8.0	10.0	0.6
0.056	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	13.0	14.0	8.0	13.0	0.6
0.068	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	13.0	7.0	15.0	0.8
0.082	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8
0.10	13.0	11.0	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	14.0	8.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8
0.12	13.0	11.0	5.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.6	18.0	14.5	8.0	15.0	0.8
0.15	13.0	11.0	5.0	10.0	0.6	10.0	12.0	6.0	10.0	0.6	18.0	13.0	7.0	15.0	0.8	18.0	16.0	8.0	15.0	0.8
0.18	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	18.0	16.0	10.0	15.0	0.8
0.22	13.0	11.0	5.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	18.0	18.0	10.0	15.0	0.8
0.27	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.6	18.0	16.0	9.0	15.0	0.8	18.0	19.0	11.0	22.5	0.8
0.33	13.0	13.0	7.0	10.0	0.6	18.0	13.0	7.0	15.0	0.8	18.0	18.0	11.0	15.0	0.8	26.0	18.0	9.0	22.5	0.8
0.39	13.0	13.0	7.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	18.0	17.5	8.5	15.0	0.8	26.0	19.0	10.0	22.5	0.8
0.47	13.0	14.0	8.0	10.0	0.6	18.0	14.5	8.0	15.0	0.8	18.0	18.0	9.0	15.0	0.8	26.0	22.5	12.0	22.5	0.8
0.56	18.0	13.0	7.0	15.0	0.8	18.0	16.0	9.0	15.0	0.8	26.0	17.5	8.5	22.5	0.8	26.0	23.0	14.5	22.5	0.8
0.68	18.0	14.5	8.0	15.0	0.8	18.0	18.0	10.0	15.0	0.8	26.0	19.0	10.0	22.5	0.8	26.0	25.0	15.0	22.5	0.8
0.82	18.0	16.0	9.0	15.0	0.8	18.0	19.0	10.0	15.0	0.8	26.0	20.0	11.0	22.5	0.8	26.0	25.5	16.5	22.5	0.8
1.0	18.0	16.0	10.0	15.0	0.8	18.0	19.0	11.0	15.0	0.8	26.0	22.5	12.5	22.5	0.8					
1.2	18.0	18.0	10.0	15.0	0.8	18.0	18.0	9.0	15.0	0.8	26.0	24.0	14.0	22.5	0.8					
1.5	18.0	19.0	11.0	15.0	0.8	18.0	19.0	10.0	15.0	0.8	26.0	25.0	15.0	22.5	0.8					
1.8	26.0	18.0	9.0	22.5	0.8	26.0	20.0	11.0	22.5	0.8										
2.2	26.0	19.0	10.0	22.5	0.8	26.0	22.0	12.5	22.5	0.8										
2.7	26.0	20.0	11.0	22.5	0.8	26.0	24.0	14.0	22.5	0.8										
3.3	26.0	25.0	15.0	22.5	0.8	26.0	25.0	15.0	22.5	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.