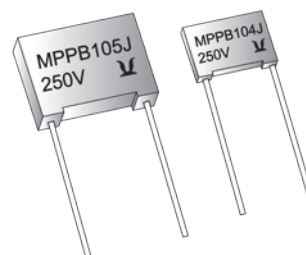


Metallized Polypropylene Film Capacitor (Encapsulated)

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: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

Capacitance Range: $0.010\mu\text{F} \sim 3.3\mu\text{F}$.

Capacitance Tolerance: $\pm 2\%(\text{G}), \pm 5\%(\text{J}), \pm 10\%(\text{K})$.

Rated Voltage: 250VDC, 400VDC, 630VDC.

Dissipation Factor: 0.1% max. at 1KHz, 25°C .

Insulation Resistance: $>30,000 \text{ M}\Omega$ ($C \leq 0.33\mu\text{F}$).

$>10,000 \text{ M}\Omega \cdot \mu\text{F}/\text{C}$ ($C > 0.33\mu\text{F}$).

Dielectric Strength: 150% of rated voltage for 5 sec.

CASE TYPE

CAP (μF) \ R.V.	CASE TYPE		
	250 VDC	400 VDC	630 VDC
0.010	C2	C2	C2
0.015	C2	C2	C2
0.022	C2	C2	D1
0.033	C2	C2	D2
0.047	C3	C3	D3
0.068	C3	C3	D3
0.10	C3/D1	D2	E2
0.15	D2	E1	E2
0.22	D3	E2	E4
0.33	E2	E3	F2
0.47	E3	F1	G2
0.68	E4	G1	G2
1.0	E4/F1	G2	G3
2.2	G3	G3	
3.3	G3		

CASE DIMENSIONS

Unit: mm

CASE TYPE	W ± 0.5	H ± 0.5	T ± 0.5	P ± 0.5	d(ϕ) ± 0.05
C2	13.0	11.0	5.0	10.0	0.6
C3	13.0	12.0	6.0	10.0	0.6
D1	18.0	11.0	5.0	15.0	0.8
D2	18.0	12.0	6.0	15.0	0.8
D3	18.0	13.5	7.5	15.0	0.8
E1	26.5	15.0	6.0	22.5	0.8
E2	26.5	16.5	7.0	22.5	0.8
E3	26.5	17.0	8.5	22.5	0.8
E4	26.5	19.0	10.0	22.5	0.8
F1	32.0	20.5	11.0	27.5	0.8
F2	32.0	22.0	13.0	27.5	0.8
G1	32.0	30.0	15.0	27.5	0.8
G2	32.0	33.0	18.0	27.5	0.8
G3	32.0	37.0	22.0	27.5	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.