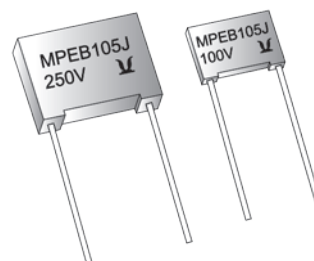


Metallized Polyester Film Capacitor (Encapsulated)

MPEB

金属化聚酯膜盒装电容器

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



FEATURES

Non-inductive construction.

Self-healing properties.

High density packaging.

Good solderability.

High moisture resistance.

SPECIFICATIONS

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

Capacitance Range: $0.010\mu\text{F} \sim 6.8\mu\text{F}$.

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

Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC.

Dissipation Factor: 1.0% max. at 1KHz, 25°C .

Insulation Resistance: $>9,000 \text{ M}\Omega$ ($C \leq 0.33\mu\text{F}$).

$>3,000 \text{ M}\Omega \cdot \mu\text{F/C}$ ($C > 0.33\mu\text{F}$).

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

CASE TYPE

CAP (μF) \ R.V.	CASE TYPE			
	100 VDC	250 VDC	400 VDC	630 VDC
0.010	B2	B2	C1	C2
0.015	B2	B2	C1	C2
0.022	B2	B2	C1	C2
0.033	B2	B2	C2	D1
0.047	B2	B2	C3	D2
0.068	B2	C1	D1	D3
0.10	B2/C1	C2	D2	E1
0.15	B2/C1	D1	D3	E2
0.22	C2	D1	E1	E3
0.33	C3	D3	E2	F1
0.47	D1	D3	E3	F1
0.68	D2	E2	F1	F2
1.0	D3	E3	F1	
1.5	E2	F1	F2	
2.2	E3	F1		
3.3	E4	F2		
4.7	F1	G1		
6.8	F2			

CASE DIMENSIONS

Unit: mm

CASE TYPE	W ± 0.5	H ± 0.5	T ± 0.5	P ± 0.5	d(ϕ) ± 0.05
B1	10.5	6.5	3.5	7.5	0.6
B2	10.5	9.0	4.0	7.5	0.6
C1	13.0	9.0	4.0	10.0	0.6
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
D4	18.0	14.5	8.5	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	24.0	15.0	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.