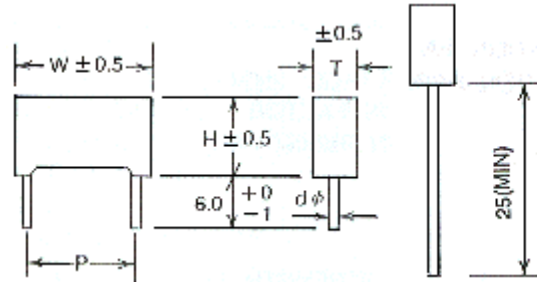


MPB is designed for professional application where reliable operation at high current stress is required. It has high Dv/Dt capability, low losses, long life, high capacitance stability.



Features:

- Non-inductive construction.
- Self-healing property.
- Flame-retardant plastic case and epoxy resin. (Compliance with UL 94-0)
- High moisture resistance.
- Good solderability.

Specification:

1. Operating Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Capacitance Range: $0.01 \mu\text{F} \sim 3.3 \mu\text{F}$
3. Capacitance Tolerance: $\pm 5\%(\text{J}), \pm 10\%(\text{K}), \pm 20\%(\text{M})$.
4. Rated Voltage: 250VDC, 400VDC, 630VDC
5. Dissipation Factor: 0.1% MAX. (1KHz)
6. Insulation Resistance: $C \leq 0.33\mu\text{F}, \text{IR} > 30,000 \text{ M}\Omega$
 $C > 0.33\mu\text{F}, \text{IR} > 10,000 \text{ M}\Omega \cdot \mu\text{F}$

Unit: mm

RV	250VDC	400VDC	630VDC
SIZE	Case Code	Case Code	Case Code
CAP (μF)			
0.010	C1	C1	C2
0.015	C1	C1	C3
0.022	C1	C2	D1

0.033	C1	C2	D2
0.047	C1	C3	D3
0.068	C2	D2	D4
0.1	C3	D3	E2
0.15	D2	D4	E3
0.22	D2	E2	F1
0.33	D3	E3	F2
0.47	E2	E4	F3
0.68	E2	F1	
1.0	E4	F2	
1.5	F1	F3	
2.2	F2		

Unit: mm

DIMENSION	L	T	H	S	dΦ
CASE CODE					
C1	13.0	4.0	9.0	10.0	0.6
C2	13.0	5.0	11.0	10.0	0.6
C3	13.0	6.0	12.0	10.0	0.6
D1	18.0	5.0	11.0	15.0	0.6
D2	18.0	6.0	12.0	15.0	0.8
D3	18.0	7.5	13.5	15.0	0.8
D4	18.0	8.5	14.5	15.0	0.8
E1	26.5	6.0	15.0	22.5	0.8
E2	26.5	7.0	16.5	22.5	0.8
E3	26.5	8.5	17.0	22.5	0.8
E4	26.5	10.0	19.0	22.5	0.8
F1	32.0	11.0	20.0	27.5	0.8
F2	32.0	13.0	22.0	27.5	0.8
F3	32.0	15.0	30.0	27.5	0.8