

METALIZED POLYESTER CAPACITORS (BOX)

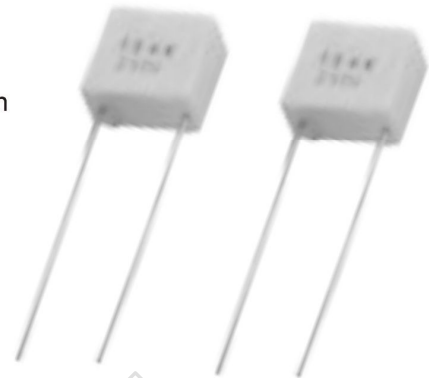


MEC Series 金屬化聚脂膜匣式電容器

MEC are constructed with metallized Polyester film dielectric, copper-clad steel lead, encapsulated in plastic case with epoxy resin sealed. They are suitable for filtering, by-pass, decoupling, coupling blocking, timing circuit and ideal for use in data processing, telecommunication equipments, industrial, automatic

FEATURES

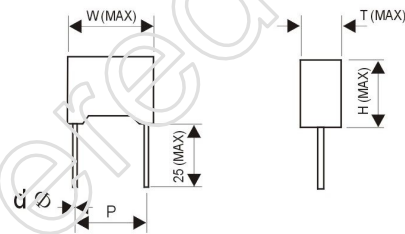
- Non-inductive construction.
- Self-healing property.
- High-moisture resistance.
- Good solderability.



71

SPECIFICATIONS

- OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
(From 85°C up to 105°C with derating voltage $1.25\%/^{\circ}\text{C}$,
 85°C 至 105°C 間按 $1.25\%/^{\circ}\text{C}$ 處減電壓)
- CAPACITANCE RANGE : $0.01 \sim 22 \mu\text{F}$
- CAPACITANCE TOLERANCE: J ($\pm 5\%$), K ($\pm 10\%$), M ($\pm 20\%$)
- RATED VOLTAGE : 100VDC, 250VDC, 400VDC, 630VDC, 1KVDC
- DISSIPATION FACTOR : 1.0% MAX
- INSULATION RESISTANCE : $>15000\text{M}\Omega$ ($C \leq 33 \mu\text{F}$); $>5000\text{M}\Omega$ ($C > 33 \mu\text{F}$)
- ENDURANCE : 1000 hours with 125% of rated voltage at 85°C after the test $\Delta C/C \leq 5\%$
 $\Delta(\text{DF}) \leq 0.20\%$; $C 0.33 \mu\text{F}$; $\text{IR} \geq 7500\text{M}\Omega$; $C > 0.33 \mu\text{F}$; $\text{IR} * C \geq 2500\Omega\text{F}$ (20°C 1KHz)



單位: Unit:mm

CAP	R.V. TYPE	R.V.			
		100 V	250 V	400 V	630 V
.01	B3/C1	B3/C1	B3/C1	B3/C1	
.015	B3/C1	B3/C1	B3/C1	B4/C2	
.022	B3/C1	B3/C1	B3/C1	B5/C3	
.033	B3/C1	B4/C1	B4/C1	B6/C3/D1	
.047	B3/C1	B4/C1	B5/C2	C4/D2	
.068	B4/C1	B5/C1	B6/C3	C5/D3	
.1	B4/C1	B5/C2	C4/D1	D4	
.15	B5/C1	B6/C3	C5/D2	D5/E2	
.22	B5/C2	B6/C4/D1	C6/D3	D6/E3	
.33	B5/B6/C3	C5/D2	C6/D4	D7/E3	
.47	B6/C4/D1	C6/D3	D6/E3	D8/E4/F1	
.68	C5/D2	C6/D4	D7/E4	E5/F2	
1.0	C6/D3	C6/D4/E1	E4/F1	E7/F3	
1.5	D4	D6/E4	E6/F2	F4/G2	
2.2	D5/E1	D7/E5/F1	E7/F3	F6/G4	
3.3	D7/E3	D8/E7/F2	F4/G1	G4/H1	
4.7	E5/F1	E7/F2	F6/G3	H2	
6.8	E7/F2	F3/G1	G4	H3	
10	F3	F3/G1	H1		
15	F4/G2	F6/G3	H2		
22	F6/G4	H1	H3		

SIZE TYPE	W	H	T	P±1	d Ø
B3	10	9	4	7.5	0.5
B4	10	11	5	7.5	0.5
B5	10	12	6	7.5	0.5
B6	10	14	7.5	7.5	0.5
C1	13	9	4	10	0.6
C2	13	11	5	10	0.6
C3	13	12	6	10	0.6
C4	13	13	7	10	0.6
C5	13	14	8	10	0.6
C6	13	15	8	10	0.6
D1	18	11	5	15	0.8
D2	18	12	6	15	0.8
D3	18	13.5	7.5	15	0.8
D4	18	14.5	8.5	15	0.8
D5	18	16.5	10	15	0.8
D6	18	18	10	15	0.8
D7	18	19	11	15	0.8
D8	18	21	12	15	0.8
E1	26.5	15	6	22.5/20	0.8
E2	26.5	16.5	7	22.5/20	0.8
E3	26.5	17.5	8.5	22.5/20	0.8
E4	26.5	19	10	22.5/20	0.8
E5	26.5	20	11	22.5/20	0.8
E6	26.5	21.5	12	22.5/20	0.8
E7	26.5	23	14	22.5/20	0.8
F1	32	20	11	27.5	0.8
F2	32	22	13	27.5	0.8
F3	32	25	14	27.5	0.8
F4	32	26	18	27.5	0.8
F5	32	28	18	27.5	0.8
F6	32	31	22	27.5	0.8
G1	38	24	14	32.5	0.8
G2	38	27	16	32.5	0.8
G3	38	31	20	32.5	0.8
G4	38	34	22	32.5	0.8
H1	51	32	20	47.5	0.8
H2	51	36	25	47.5	0.8
H3	51	43	30	47.5	0.8