



METALLIZED POLYPROPYLENE FILM CAPACITOR.

TYPE: MPT & MPA (Axial Lead)

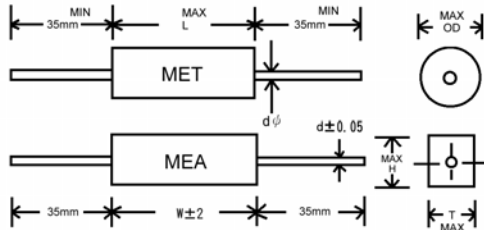
MPT & MPA are constructed with metallized polypropylene film dielectric, copper lead, outer wrapped by polyester film tape and ends sealed by epoxy resin in non-inductive type. They are suitable for coupling, bypass filtering timing circuit decoupling and use in data processing, auto control system, telecommunication, industrial instruments.

FEATURES:

- Non-inductive construction.
- Good solderability.
- Self-healing property.
- High stability of capacitance and of reliability.

SPECIFICATION:

1. OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. CAPACITANCE RANGE: $0.01\mu\text{F} \sim 12\mu\text{F}$
3. CAPACITANCE TOLERANCE: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0% MAX AT 1KHz, 25°C
6. INSULATION RESISTANCE: $> 30000\text{M}\Omega$ ($C \leq 0.33\mu\text{F}$)
 $> 10000\text{M}\Omega \cdot \mu\text{F}$ ($C > 0.33\mu\text{F}$)
7. TESTING VOLTAGE: WVDCx150% For 1~3sec.
8. SOLDERABILITY: $250^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 3sec.



Unit:mm

RV SIZE CAP(μF)	MPT								MPA											
	100VDC		250VDC		400VDC		630VDC		100VAC			250VAC			400VAC			630VAC		
	OD	L	OD	L	OD	L	OD	L	H	T	W	H	T	W	H	T	W	H	T	W
0.01	6.0	15.0	6.0	15.0	6.0	15.0	6.0	15.0	9.0	5.0	15.0	9.0	5.0	15.0	9.0	5.0	15.0	9.0	5.0	15.0
0.015	6.0	15.0	6.0	15.0	6.0	15.0	6.5	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0
0.022	6.0	15.0	6.0	15.0	6.0	15.0	7.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	9.0	5.0	15.0	10.0	6.0	15.0
0.033	6.5	15.0	6.5	15.0	6.5	15.0	9.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	11.0	7.0	15.0
0.047	7.0	15.0	7.0	15.0	7.0	15.0	7.5	21.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	15.0	10.0	6.0	21.0
0.068	5.5	15.0	5.5	15.0	7.0	21.0	8.5	21.0	8.0	5.0	15.0	8.0	5.0	15.0	10.0	6.5	15.0	11.0	7.0	21.0
0.1	6.0	15.0	6.0	15.0	8.0	21.0	11.0	21.0	9.0	6.0	15.0	9.0	6.0	15.0	11.0	6.5	21.0	13.0	8.0	21.0
0.15	7.0	15.0	6.5	15.0	9.0	21.0	10.5	26.0	8.0	5.0	15.0	9.0	6.0	15.0	11.5	6.5	21.0	15.0	10.0	21.0
0.22	7.0	15.0	7.0	21.0	9.5	26.0	14.0	26.0	10.0	6.0	15.0	8.5	5.0	21.0	13.5	7.5	21.0	14.5	8.5	26.0
0.33	8.0	15.0	8.0	21.0	11.0	26.0	12.0	33.0	11.0	6.0	15.0	10.0	5.0	21.0	14.5	8.0	26.0	17.0	10.0	26.0
0.47	7.5	21.0	9.0	21.0	13.0	26.0	14.0	33.0	10.0	6.0	21.0	11.0	7.0	21.0	15.5	9.0	26.0	17.5	9.0	33.0
0.68	8.5	21.0	9.0	26.0	13.5	33.0	16.5	33.0	11.0	6.0	21.0	11.0	7.0	26.0	15.0	7.5	33.0	19.0	11.0	33.0
1.0	10.0	21.0	10.5	26.0	16.0	33.0	20.0	37.0	12.5	7.0	21.0	14.0	8.0	26.0	18.5	10.0	33.0	22.0	13.0	37.0
1.5	10.0	26.0	13.0	26.0	19.0	33.0	25.0	37.0	12.0	7.0	26.0	16.0	9.0	26.0	21.0	12.5	33.0	27.0	17.0	37.0
2.2	11.5	26.0	14.0	33.0	20.0	37.0	23.0	47.0	16.0	9.0	26.0	18.0	9.5	33.0	23.0	14.0	38.0	28.0	19.0	47.0
3.3	13.0	26.0	16.5	33.0	25.0	37.0			18.0	11.0	26.0	18.0	11.0	33.0	26.0	17.0	38.0			
4.0	14.5	33.0	18.0	37.0					18.0	9.0	33.0	18.0	13.0	38.0	30.0	21.0	38.0			
6.0	18.0	33.0	20.5	37.0					20.0	13.0	33.0	20.0	15.0	38.0						
10.0	20.0	33.0	22.0	47.0					26.5	16.0	33.0	30.0	22.0	47.0						