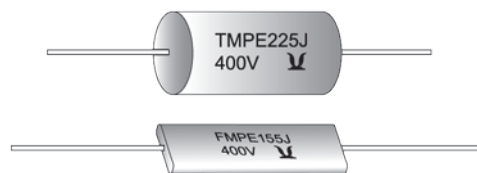


Metallized Polyester Film Capacitor (Axial Lead)

TMPE/FMPE

金属化聚酯膜电容器(轴向导线型)

TMPE & FMPE are non-inductively wound with metallized polyester film as dielectric and electrode, outer wrapped by polyester film tape and ends sealed by epoxy resin. They are suitable for coupling, decoupling, by-passing, filtering and timing circuits, and are ideal for telecommunication, data processing, industrial instruments, automatic control system equipments etc.



FEATURES

Self-healing properties.

Miniature size and light weight.

High reliability and excellent long term stability.

Flame retardant epoxy resin coating.

SPECIFICATIONS

Operating Temperature: -40°C -- +85°C.

Capacitance Range: 0.01uF -- 10uF.

Capacitance Tolerance: ±5%(J), ±10%(K).

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

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

Insulation Resistance: >30,000 MΩ (C≤0.33uF).

>10,000 MΩ • uF/C (C>0.33uF).

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

DIMENSIONS

TMPE

Unit: mm

R.V. SIZE CAP (uF)	100 VDC		250 VDC		400 VDC		630 VDC	
	OD max.	L max.	OD max.	L max.	OD max.	L max.	OD max.	L max.
0.010	5.0	12.0	5.0	14.0	5.5	14.0	6.5	14.0
0.015	5.0	12.0	5.0	14.0	6.0	14.0	7.0	14.0
0.022	5.0	12.0	6.0	14.0	7.0	14.0	8.0	14.0
0.033	5.0	12.0	6.0	14.0	7.5	14.0	8.0	20.0
0.047	5.0	12.0	6.5	14.0	8.0	14.0	9.0	20.0
0.068	5.2	12.0	7.5	14.0	8.0	20.0	9.0	26.0
0.10	5.2	12.0	8.0	14.0	8.5	20.0	11.0	26.0
0.15	5.2	12.0	8.0	20.0	10.0	20.0	12.0	32.0
0.22	5.2	12.0	9.0	20.0	9.5	20.0	14.0	32.0
0.33	6.0	14.0	9.0	26.0	12.0	32.0	16.0	32.0
0.47	6.0	14.0	10.5	26.0	13.0	32.0	18.0	32.0
0.68	4.0	14.0	12.5	26.0	17.0	32.0	20.0	37.0
1.0	7.7	20.0	14.0	26.0	19.0	32.0	22.0	37.0
1.5	8.0	20.0	16.0	32.0	20.0	37.0	25.0	37.0
2.2	9.0	20.0	18.0	32.0	22.0	37.0	28.0	37.0
3.3	9.5	28.0	20.0	37.0	27.0	37.0		
4.7	10.0	33.0	22.0	37.0	30.0	37.0		
5.6	10.5	33.0	16.5	33.0				
6.8	11.5	33.0	18.5	33.0				
8.2	12.5	33.0	20.0	33.0				
10	13.5	33.0	22.0	33.0				

Remarks: TMPE Type: OD ≤ 8.0mm, d(φ)= 0.6mm; OD > 8.0mm, d(φ)= 0.8mm.

FMPE Type: W ≤ 19.0mm, d(φ)= 0.6mm; 19.0mm < W ≤ 37.0mm, d(φ)= 0.8mm; W > 37.0mm, d(φ)= 1.0mm.

FMPE

Unit: mm

250 VDC			400 VDC			630 VDC		
W max.	H max.	T max.	W max.	H max.	T max.	W max.	H max.	T max.
						14.0	8.5	6.0
						14.0	10.0	6.5
						14.0	10.0	7.0
			14.0	10.0	6.0	14.0	10.5	7.5
			14.0	10.5	6.5	20.0	11.5	7.5
			20.0	11.0	6.5	20.0	12.5	8.0
14.0	10.0	5.0	20.0	12.0	7.5	20.0	14.0	8.5
14.0	11.0	5.5	20.0	12.5	8.5	26.0	14.0	9.0
20.0	11.0	6.0	26.0	14.0	8.0	26.0	17.0	10.0
20.0	12.0	7.0	26.0	16.0	9.0	32.0	18.0	9.5
26.0	13.0	8.0	32.0	17.0	10.0	32.0	19.0	12.0
26.0	14.0	8.5	32.0	20.0	12.5	32.0	23.0	15.0
26.0	16.0	9.0	37.0	20.0	11.5	47.0	24.0	16.0
32.0	18.0	10.5	37.0	23.0	13.0	47.0	26.0	18.5
32.0	19.0	12.0	43.0	25.0	16.0	47.0	30.0	24.0
37.0	23.0	11.5	47.0	25.0	16.5			
41.0	22.0	12.0						

* 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.