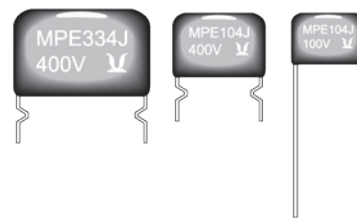


# Metalized Polyester Film Capacitor

## DMPE

## 金属化聚酯膜电容器

DMPE are non-inductively wound with metallized Polyester film as dielectric and electrode, and epoxy coating. They are suitable for blocking, 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.

Space-saving small size.

### SPECIFICATIONS

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

Capacitance Range: 0.010uF -- 10uF.

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

Rated Voltage: 50VDC, 100VDC, 200 VDC, 250VDC, 400VDC, 630VDC.

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

Insulation Resistance: >9,000 MΩ (C≤0.33uF).

>3,000 MΩ • uF/C (C>0.33uF).

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

### DIMENSIONS

Unit: mm

R.V. SIZE CAP (uF)	50 VDC / 100 VDC					200 VDC / 250 VDC					400 VDC					630 VDC				
	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05	W max.	H max.	T max.	P ±1.0	d(φ) ±0.05
0.010											10.5	10.5	6.0	7.5	0.6	13.0	11.0	6.0	10.0	0.6
0.012											10.5	10.5	6.5	7.5	0.6	13.0	11.5	6.0	10.0	0.6
0.015											10.5	11.5	6.5	7.5	0.6	13.0	11.5	6.5	10.0	0.6
0.018											10.5	12.0	6.5	7.5	0.6	13.0	11.5	7.0	10.0	0.6
0.022											13.0	10.5	6.0	10.0	0.6	13.0	11.5	7.0	10.0	0.6
0.027						10.5	9.5	5.5	7.5	0.6	13.0	11.0	6.0	10.0	0.6	13.0	11.5	7.5	10.0	0.6
0.033						10.5	10.0	5.5	7.5	0.6	13.0	11.0	6.5	10.0	0.6	13.0	12.5	8.0	10.0	0.6
0.039						10.5	10.0	6.0	7.5	0.6	13.0	11.5	7.0	10.0	0.6	13.0	13.0	8.5	10.0	0.6
0.047	10.5	9.5	5.0	7.5	0.6	10.5	10.0	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	19.0	12.5	8.0	15.0	0.6
0.056	10.5	10.0	5.5	7.5	0.6	10.5	10.5	6.0	7.5	0.6	13.0	12.0	7.5	10.0	0.6	19.0	13.0	8.5	15.0	0.6
0.068	10.5	10.0	6.0	7.5	0.6	10.5	11.0	6.5	7.5	0.6	13.0	12.5	7.5	10.0	0.6	19.0	13.5	9.0	15.0	0.6
0.082	10.5	10.5	6.0	7.5	0.6	10.5	12.5	7.5	7.5	0.6	13.0	12.5	8.0	10.0	0.6	19.0	14.0	9.5	15.0	0.6
0.10	10.5	11.0	6.5	7.5	0.6	13.0	11.5	6.5	10.0	0.6	19.0	13.0	8.0	15.0	0.6	24.0	14.5	9.0	20.0	0.8
0.12	10.5	11.5	7.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	19.0	13.5	9.0	15.0	0.6	24.0	15.0	9.5	20.0	0.8
0.15	10.5	12.0	7.5	7.5	0.6	13.0	12.0	7.0	10.0	0.6	19.0	14.5	9.0	15.0	0.6	24.0	16.5	10.0	20.0	0.8
0.18	10.5	13.0	8.0	7.5	0.6	13.0	13.0	7.0	10.0	0.6	19.0	15.0	9.5	15.0	0.6	24.0	17.5	11.0	20.0	0.8
0.22	13.0	12.0	7.0	10.0	0.6	19.0	13.0	7.5	15.0	0.6	19.0	16.0	10.5	15.0	0.8	24.0	19.0	12.0	20.0	0.8
0.27	13.0	12.5	7.5	10.0	0.6	19.0	14.0	8.0	15.0	0.6	19.0	16.5	11.0	15.0	0.8	24.0	20.0	12.5	20.0	0.8
0.33	13.0	13.0	8.0	10.0	0.6	19.0	14.5	8.5	15.0	0.6	24.0	17.0	10.0	20.0	0.8	24.0	20.5	13.5	20.0	0.8
0.39	13.0	13.5	8.5	10.0	0.6	19.0	15.0	9.0	15.0	0.8	24.0	18.5	11.0	20.0	0.8	24.0	21.5	14.0	20.0	0.8
0.47	13.0	14.5	9.0	10.0	0.6	19.0	15.5	10.0	15.0	0.8	24.0	19.0	11.5	20.0	0.8	32.0	22.5	13.0	27.5	0.8
0.56	19.0	13.5	8.0	15.0	0.6	19.0	16.0	10.5	15.0	0.8	24.0	20.5	13.0	20.0	0.8	32.0	23.5	14.0	27.5	0.8
0.68	19.0	14.5	8.5	15.0	0.6	19.0	16.5	11.0	15.0	0.8	24.0	21.0	13.5	20.0	0.8	37.0	24.5	15.5	32.5	1.0
0.82	19.0	15.0	9.5	15.0	0.8	24.0	16.0	10.0	20.0	0.8	32.0	21.5	12.0	27.5	0.8	37.0	26.0	17.0	32.5	1.0
1.0	19.0	15.5	10.0	15.0	0.8	24.0	18.0	10.5	20.0	0.8	32.0	22.0	13.0	27.5	0.8	32.0	28.5	18.0	27.5	0.8
1.2	19.0	16.5	11.0	15.0	0.8	24.0	19.0	11.0	20.0	0.8	37.0	23.0	14.0	32.5	0.8	42.0	28.0	18.5	37.5	1.0
1.5	19.0	17.5	11.5	15.0	0.8	24.0	20.0	11.5	20.0	0.8	37.0	24.0	15.0	32.5	0.8	42.0	29.0	19.5	37.5	1.0
1.8	24.0	18.0	10.0	20.0	0.8	24.0	21.0	12.5	20.0	0.8	37.0	25.0	16.5	32.5	0.8	42.0	30.0	21.0	37.5	1.0
2.2	24.0	18.5	11.0	20.0	0.8	32.0	23.0	12.0	27.5	0.8	42.0	25.5	17.0	37.5	1.0					
2.7	24.0	21.0	13.0	20.0	0.8	32.0	24.0	14.0	27.5	0.8	42.0	27.0	18.5	37.5	1.0					
3.3	24.0	22.5	14.0	20.0	0.8	32.0	24.5	14.5	27.5	0.8	42.0	28.5	20.5	37.5	1.0					
3.9	24.0	23.5	14.5	20.0	0.8	37.0	25.0	15.0	32.5	0.8	42.0	30.0	22.5	37.5	1.0					
4.7	32.0	24.5	13.5	27.5	0.8	42.0	26.0	14.0	37.5	1.0	42.0	32.0	24.0	37.5	1.0					
5.6	32.0	25.0	14.0	27.5	0.8	42.0	27.0	15.0	37.5	1.0										
6.8	32.0	26.0	15.5	27.5	0.8	42.0	30.0	20.0	37.5	1.0										
8.2	32.0	27.5	16.5	27.5	0.8	42.0	31.5	21.5	37.5	1.0										
10	37.0	28.0	18.0	32.5	1.0															

\* 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.