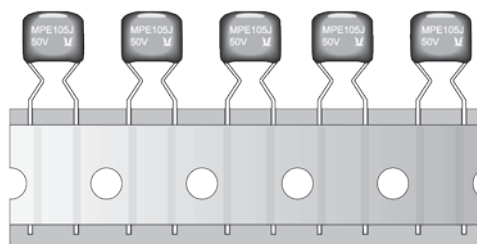


# Miniature Metallized Polyester Film Capacitor

## MPEM

## 小型金属化聚酯膜电容器

MPEM are non-inductively wound with special metallized polyester film as dielectric and electrode, and epoxy resin coating. They are suitable for blocking, coupling, decoupling, by-passing, filtering and timing circuits, and are ideal for telecommunication, data processing, industrial instruments and automatic control system equipments.



### FEATURES

Space-saving miniature size.

Self-healing properties.

Good solderability.

Available on tape and reel for automatic insertion.

### SPECIFICATIONS

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

Capacitance Range: 0.0010uF -- 1.0uF.

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

Rated Voltage: 50VDC, 63VDC, 100VDC.

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

Insulation Resistance: >10,000 MΩ (C≤0.33uF).

>3,300 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 / 63 VDC / 100 VDC									
	LEAD SPACE P : 5.0mm					LEAD SPACE P : 7.5mm				
	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
0.0010	8.0	8.0	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0015	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0022	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0027	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0033	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0039	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0047	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0056	8.0	8.5	5.5	5.0	0.5	10.5	10.0	6.0	7.5	0.5
0.0068	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.0082	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.010	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.015	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.022	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.027	8.0	8.5	5.5	5.0	0.5	10.5	10.0	6.5	7.5	0.5
0.033	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.039	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.047	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.056	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.068	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.082	8.0	8.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.10	8.0	9.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.12	8.0	9.5	5.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.15	8.5	10.5	6.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.18	8.5	10.5	6.5	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.22	9.0	11.0	7.0	5.0	0.5	10.5	10.0	5.5	7.5	0.5
0.27						10.5	10.0	5.5	7.5	0.5
0.33						10.5	10.0	5.5	7.5	0.5
0.39						10.5	10.0	5.5	7.5	0.5
0.47						10.5	10.0	5.5	7.5	0.5
0.56						10.5	10.0	5.5	7.5	0.5
0.68						10.5	11.0	6.5	7.5	0.5
0.82						10.5	12.0	7.0	7.5	0.5
1.0						10.5	12.0	7.5	7.5	0.5

\* 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.