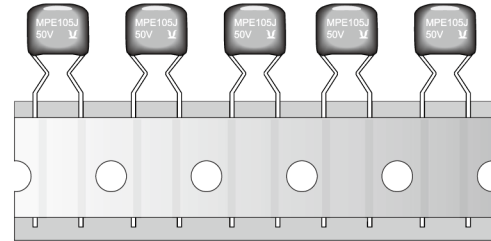


Miniature Metallized Polyester Film Capacitor

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: 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) | 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.

EUROPTRONIC