

METALIZED POLYESTER FILM CAPACITORS

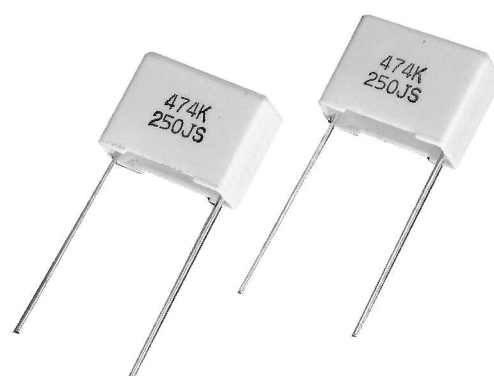
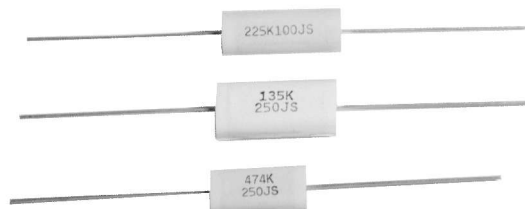
MEA Series

MET Series

MEC Series

INTRODUCTION :

- ◆ **MEA, MET & MEC Series** are constructed with metalized polyester film dielectric, copper-ply lead and sealed with epoxy resin.
- ◆ **MEF, MET & MEC Series** are ideal for use in telecommunication equipment, data processing equipments, industrial instruments, automatic control system and other general electronic equipments.



FEATURES :

- ◆ Non-inductive construction.
- ◆ Self-healing property.
- ◆ High stability of capacitance and DF reliability.
- ◆ Good solder ability (tin plated with 60-40 Sn-Pb).
- ◆ Suitable for AC circuits, coupling, decoupling by-pass filtering, timing circuits and other general purpose usage.

SPECIFICATION :

1. **OPERATING TEMPERATURE :**
-40 °C ~ +85 °C .
2. **VOLTAGE RANGE :**
100, 250, 400 and 630 VDC.
3. **CAPACITANCE RANGE :** 0.01 ~ 10 μ F.
4. **DIELECTRIC STRENGTH :** 150% of rated voltage for 1 minute at 25 °C .
5. **CAPACITANCE TOLERANCE :**
 \pm 5% (J), \pm 10% (K), \pm 20% (M).
6. **INSULATION RESISTANCE :**
100 VDC : $C \leq 0.33 \mu F$ $R \geq 9,000 M \Omega$.
 $C > 0.33 \mu F$ $RC \geq 3,000 M \Omega \mu F$.
250 VDC , 400 VDC, 630 VDC
 $C \leq 0.33 \mu F$ $R \geq 30,000 M \Omega$.
 $C > 0.33 \mu F$ $RC \geq 10,000 M \Omega \mu F$.

7. DISSIPATION FACTOR :

1.0% max at 1 K Hz, 25 °C .

8. MAXIMUM PULSE RISE TIME

(V / μ secretary.) : Shon as following table.

RV	100	250	400	630
dv / dt	10	15	20	25

9. **MARKING :** Capacitance, tolerance, rated voltage manufacturer logo and Series code.

