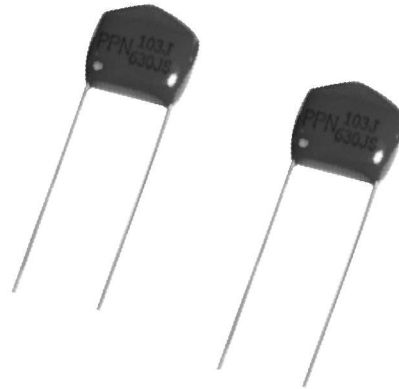


MINI SIZE METALIZED POLYESTER FILM CAPACITOR

MSM Series

INTRODUCTION :

◆ **MSM Series** capacitor are constructed with polyester film dielectric with vacuum-evaporated metal electrodes, radial leads of tinned wire are electrical welded to the contact metal layer on the ends of capacitor winding, epoxy resin coating.



FEATURES :

- ◆ Non-inductive construction.
- ◆ Self-healing characteristics and high stability.
- ◆ Dipped epoxy coating protects from humidity.
- ◆ High stability of capacitance and DF versus temperature and frequency.
- ◆ Small size can be compared favourably with the stack film capacitor.
- ◆ Excellent for used in coupling, by-pass, R.F. filtering, and solid-state application where size is critical.

SPECIFICATION :

1. **OPERATING TEMPERATURE** : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
2. **CAPACITANCE RANGE** : $0.001 \sim 1.5 \mu\text{F}$.
3. **CAPACITANCE TOLERANCE** :
 $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
4. **RATED VOLTAGE** : 100, 250, 400, 630 VDC.
5. **DISSIPATION FACTOR (DF)** : 1.0% max when measured at 1 KHz, 25°C .
6. **INSULATION RESISANCE (IR)** :
i) $\text{IR} > 9,000 \Omega \text{ M}$ ($\text{C} \leq 0.33 \mu\text{F}$),
ii) $\text{IR} > 3,000 \text{ M} \Omega / \mu\text{F}$. ($\text{C} > 0.33 \mu\text{F}$) at 25°C .

OUTLINE DRAWING

