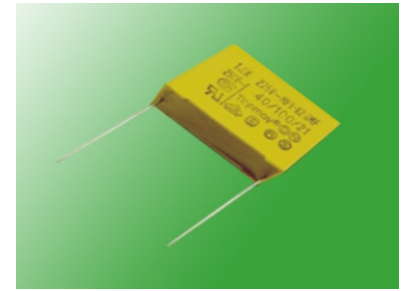




TMCF08 Metallized Polyester Film X2 Capacitor (MKT)

Features (X2 Market)

- Box type provides the identical outer appearance
- Very low loss at high frequency, suitable for high current
- High insulation resistance, long life due to self-healing effect
- Withstanding 2.5kv impulse voltage, Class X2
- As an across-the-line type noise suppression capacitor, and suitable for AC purpose



Configuration

Non-inductive, wound with metallized polyester film as the dielectric and Electrode, copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

Specifications & Outline Drawing

| | |
|------------------------------------|---|
| Reference Standard | GB/T14472-1998 (IEC 60384-14) |
| Climatic Category | 40/100/21 |
| Rated Voltage | 280VAC |
| Capacitance Range | 0.0022~4.7 μ F |
| Capacitance Tolerance | $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M) |
| Voltage Proof | 4.3U _R (5s) |
| Dissipation Factor (20°C, 10KHz) | $\leq 1.2\%$ CR $\leq 1.0 \mu$ F $\leq 1.5\%$ CR $> 1.0 \mu$ F |
| Insulation Resistance (20°C, 1min) | $\geq 15000 M\Omega$ (CR $\leq 0.33 \mu$ F) $\geq 5000s$ (CR $> 0.33 \mu$ F) |

Dimensions

| μ F | Cap | W(mm) | T(mm) | H(mm) | P(mm) | d(φ mm) | μ F | Cap | W(mm) | T(mm) | H(mm) | P(mm) | d(φ mm) |
|---------|-----|-------|-------|-------|-------|---------|---------|-----|-------|-------|-------|-------|---------|
| 0.0022 | | 13.0 | 4.0 | 9.0 | 10.0 | 0.6 | 0.18 | | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 |
| 0.0027 | | 13.0 | 4.0 | 9.0 | 10.0 | 0.6 | 0.22 | | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 |
| 0.0033 | | 13.0 | 4.0 | 9.0 | 10.0 | 0.6 | 0.22 | | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 |
| 0.0039 | | 13.0 | 4.0 | 9.0 | 10.0 | 0.6 | 0.27 | | 26.5 | 8.5 | 16.5 | 22.5 | 0.8 |
| 0.0047 | | 13.0 | 4.0 | 9.0 | 10.0 | 0.6 | 0.33 | | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 |
| 0.0056 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.33 | | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 |
| 0.0068 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.39 | | 18.0 | 9.5 | 15.5 | 15.0 | 0.8 |
| 0.0082 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.39 | | 26.5 | 10.0 | 20.0 | 22.5 | 0.8 |
| 0.01 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.47 | | 18.0 | 10.0 | 16.0 | 15.0 | 0.8 |
| 0.012 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.47 | | 26.5 | 10.0 | 20.0 | 22.5 | 0.8 |
| 0.015 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.56 | | 26.5 | 11.0 | 20.0 | 22.5 | 0.8 |
| 0.018 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.56 | | 32.0 | 11.0 | 20.0 | 27.5 | 0.8 |
| 0.022 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.68 | | 26.5 | 11.0 | 20.0 | 22.5 | 0.8 |
| 0.027 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.68 | | 32.0 | 11.0 | 20.0 | 27.5 | 0.8 |
| 0.033 | | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | 0.82 | | 26.5 | 12.0 | 21.5 | 22.5 | 0.8 |
| 0.039 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 0.82 | | 32.0 | 13.0 | 22.0 | 27.5 | 0.8 |
| 0.047 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 1.0 | | 32.0 | 13.0 | 22.0 | 27.5 | 0.8 |
| 0.047 | | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 1.0 | | 37.0 | 13.5 | 25.0 | 31.5 | 0.8 |
| 0.056 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 1.5 | | 32.0 | 13.0 | 22.0 | 27.5 | 0.8 |
| 0.056 | | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 1.5 | | 37.0 | 17.0 | 26.5 | 31.5 | 0.8 |
| 0.068 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 1.8 | | 37.0 | 19.0 | 29.0 | 31.5 | 0.8 |
| 0.068 | | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 2.0 | | 31.0 | 22.0 | 31.0 | 27.5 | 0.8 |
| 0.082 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 2.0 | | 38.0 | 18.0 | 28.0 | 31.5 | 0.8 |
| 0.082 | | 18.0 | 5.2 | 11.5 | 15.0 | 0.8 | 2.2 | | 31.0 | 22.0 | 31.0 | 27.5 | 0.8 |
| 0.1 | | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | 2.2 | | 38.0 | 19.0 | 29.0 | 31.5 | 0.8 |
| 0.1 | | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | 2.5 | | 38.0 | 20.0 | 30.0 | 31.5 | 0.8 |
| 0.12 | | 18.0 | 6.3 | 13.0 | 15.0 | 0.8 | 3.0 | | 38.0 | 20.0 | 30.0 | 31.5 | 0.8 |
| 0.15 | | 18.0 | 7.5 | 13.0 | 15.0 | 0.8 | 3.3 | | 38.0 | 21.7 | 31.3 | 31.5 | 0.8 |
| 0.15 | | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 4.0 | | 48.0 | 30.0 | 30.0 | 41.5 | 0.8 |
| 0.18 | | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 | 4.7 | | 48.0 | 30.0 | 30.0 | 41.5 | 0.8 |