

MEX-X2 SERIES

X2-class Film Capacitor, MEX-X2 SERIES

(MAIN INTERFERENCE SUPPRESSION CAPACITORS)

1. Class "X2"

UL 1414 (250VAC), CAN/CSA-C22.2 NO.1-94(250VAC)

VDE SEV NEMKO DEMKO SEMKO FIMKO:

DIN EN 132 400(1994)/IEC 384-14(1993) AND IEC DRAFT 40 (SEC)677

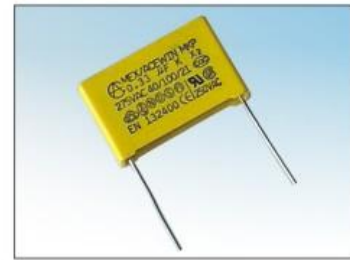
2. Ideal for using in Line-By-Pass, Antenna Coupling, Across-The-Line and Spark killer circuits and available for EMI filter and switching power supply and radio-and monitor, television application.

3. Flame retardant plastic cases and epoxy resin. (compliance with UL 94V-0)

4. Self-healing properties.

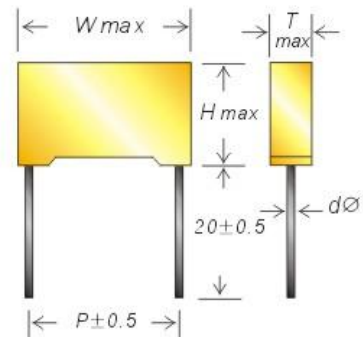
5. Proven series wound construction.

6. Approved By: UL, CSA, VDE, SEV, NEMKO, DEMKO, SEMKO, FIMKIO, CQC.



SPECIFICATIONS:

| | |
|--------------------------------|--|
| OPERATING TEMPERATURE | -40 ~ +100°C |
| RATED VOLTAGE | 275VAC |
| CAPACITANCE RANGE | 0.001 ~ 2.2 μF |
| DIELECTRIC STRENGTH | Applied 1183VDC for 1minute or 2000VDC for 1 second. |
| CAPACITANCE TOLERANCE | ±5% (J) ±10% (K) ±20% (M) |
| INSULATION RESISTANCE | Measured after a charging voltage 100±15VDC for 1minutes (1) LESS THAN OR EQUAL to 0.33 μF ≥ 30,000M Ω (2) GREATER THAN 0.33 μF ≥ 10,000M Ω / μF |
| DISSIPATION FACTOR | 0.1% MAX. at 1KHZ |
| MAXIMUM PULSE RISE TIME | 250 VAC: 120 V/microsecond. |



(Unit:mm)

NORMAL SIZE

| μ F | SIZE | W | H | T | P | dØ | μ F | SIZE | W | H | T | P | dØ |
|--------|------|------|------|-----|------|-----|-------|------|------|------|------|------|-----|
| 0.001 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.068 | | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0012 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.082 | | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0015 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.1 | | 18.0 | 13.5 | 6.0 | 15.0 | 0.8 |
| 0.0018 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.12 | | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.0022 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.15 | | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.0027 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.15 | | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0033 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.18 | | 26.5 | 16.5 | 7.0 | 22.5 | 0.8 |
| 0.0039 | | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 | 0.22 | | 26.5 | 16.5 | 7.0 | 22.5 | 0.8 |
| 0.0047 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.27 | | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.0056 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.33 | | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.0068 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.39 | | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| 0.0082 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.47 | | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| 0.01 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.47 | | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.012 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.56 | | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.015 | | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 | 0.68 | | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.018 | | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 0.82 | | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 0.022 | | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 1.0 | | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 0.027 | | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 | 1.0 | | 37.0 | 24.0 | 13.5 | 31.5 | 0.8 |
| 0.033 | | 18.0 | 11.0 | 5.0 | 15.0 | 0.8 | 1.2 | | 37.0 | 24.0 | 13.5 | 31.5 | 0.8 |
| 0.039 | | 18.0 | 11.0 | 5.0 | 15.0 | 0.8 | 1.5 | | 37.0 | 26.0 | 15.0 | 31.5 | 0.8 |
| 0.047 | | 18.0 | 11.0 | 5.0 | 15.0 | 0.8 | 1.8 | | 38.0 | 26.0 | 17.0 | 31.5 | 0.8 |
| 0.056 | | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 | 2.2 | | 37.0 | 29.0 | 19.0 | 31.5 | 0.8 |