

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

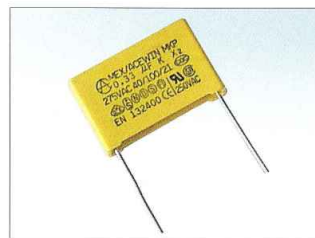
2. Ideal for using in Line-By-Pass, Antenna Coupling, Across-The-Line and Spark killer circuits and available for EMI filter and switching power supply and radio-and monitor, television application.

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

4. Self-healing properties.

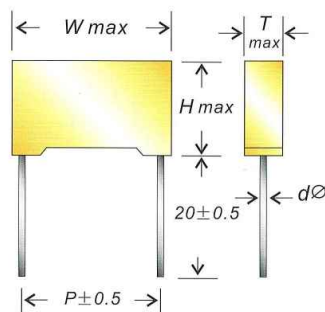
5. Proven series wound construction.

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 μ F
DIELECTRIC STRENGTH	Applied 1183VDC for 1minute or 2000VDC for 1 second.
CAPACITANCE TOLERANCE	$\pm 5\%$ (J) $\pm 10\%$ (K) $\pm 20\%$ (M)
INSULATION RESISTANCE	Measured after a charging voltage 100 ± 15 VDC for 1 minutes (1) LESS THAN OR EQUAL TO 0.33μ F $\geq 30,000M \Omega$ (2) GREATER THAN 0.33μ F $\geq 10,000M \Omega / \mu$ F
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	d Ø	μ F	SIZE	W	H	T	P	d Ø
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		