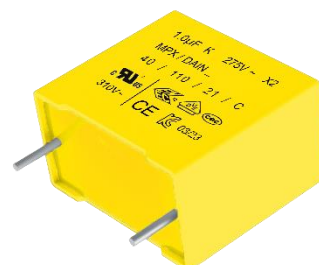
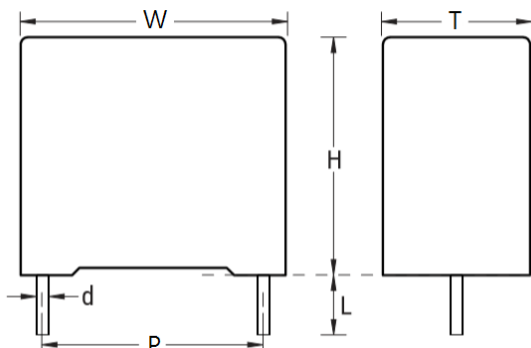


EMI Suppression Capacitor, Class X2

■ 外形圖 Outline Drawing (For Example)



■ 典型應用

適用於需要 X2 安全等級的跨線應用中的電磁干擾 (EMI) 抑制，用於電容器故障不會導致觸電的情況。不用於“串聯電源”型應用。

■ 特徵

金屬化聚丙烯薄膜徑向鍍錫引線，
電容器封裝在自熄耐溶劑塑料殼中，
採用符合 UL 94 V-0 要求的熱固性樹脂材料。

■ Typical Applications

For worldwide use in electromagnetic interference (EMI) suppression in across-the-line applications requiring X2 safety classification. Intended for use in situations where capacitor failure would not result in exposure to electric shock. Not for use in "series with mains" type applications.

■ Features

Metallized polypropylene film with radial leads of tinned wire. The capacitor is encapsulated in a self-extinguishing solvent resistant plastic case with thermosetting resin material meeting UL 94 V-0 requirements.

■ 規格 Specifications

參考標準 Reference Standard		GB/T 6346.14 (IEC 60384-14)
容量範圍 Capacitance Range		0.001 μ F ~ 2.2 μ F
容量誤差 Capacitance Tolerance		$\pm 10\%$ (K)
額定電壓 Rated Voltage (U_R)		275Vac (310Vac)
氣候類別 Climatic Category		40/110/21
工作溫度範圍 Operating Temperature Range		-40°C~110°C
被動可燃性等級 Passive Flammability Class		C
耐電壓 Voltage Proof	引線間 Between Terminals	$U_R \times 4.3$ (DC), 60s
	引線與外殼間 Between Terminal and Case	$U_R \times 200\% + 1500$ Vac, 60sec.
損耗因素 Dissipation Factor		$\leq 10 \times 10^{-4}$ at 1kHz, (1Vrms Max. at 20°C)
絕緣電阻 Insulation Resistance		$C_R \leq 0.33\mu$ F, IR ≥ 15000 M Ω $C_R > 0.33\mu$ F, IR $\times C_R \geq 5000$ s (100Vdc, 60sec / 20°C)

EMI Suppression Capacitor, Class X2

■ 尺寸 Dimensions (mm)

275Vac						
Cap. μF	W	H	T	P	d	Part number
0.0010	10	9	4	7.5	0.6	SMXDI102KB3LTA*08**
0.0022	10	9	4	7.5	0.6	SMXDI222KB3LTA*08**
0.0033	10	9	4	7.5	0.6	SMXDF332KB3LTA*08**
0.0047	10	9	4	7.5	0.6	SMXDJ472KB3LTA*08**
0.0068	10	9	4	7.5	0.6	SMXDI682KB3LTA*08**
0.010	10	9	4	7.5	0.6	SMXDI103KB3LTA*08**
0.022	10	10	5	7.5	0.6	SMXDH223KB7LTA*08**
0.033	10	12	6	7.5	0.6	SMXDI333KB5LTA*08**
0.047	10	12	6	7.5	0.6	SMXDG473KB5LTA*08**
0.068	10	12	6	7.5	0.6	SMXDG683KB5LTA*08**
0.10	10	12	6	7.5	0.6	SMXDF104KB5LTA*08**
0.0010	13	9	4	10	0.6	SMXDJ102KC1XXA*10**
0.0010	13	11	5	10	0.6	SMXDJ102KC2X1A*10**
0.0022	13	9	4	10	0.6	SMXDI222KC1XXA*10**
0.0022	13	11	5	10	0.6	SMXDJ222KC2X1A*10**
0.0033	13	9	4	10	0.6	SMXDJ332KC1XXA*10**
0.0033	13	11	5	10	0.6	SMXDJ332KC2X1A*10**
0.0047	13	9	4	10	0.6	SMXDJ472KC1XXA*10**
0.0047	13	11	5	10	0.6	SMXDJ472KC2X1A*10**
0.0068	13	9	4	10	0.6	SMXDJ682KC1XXA*10**
0.0068	13	11	5	10	0.6	SMXDI682KC2X1A*10**
0.010	13	9	4	10	0.6	SMXDI103KC1XXA*10**
0.010	13	11	5	10	0.6	SMXDJ103KC2X1A*10**
0.022	13	9	4	10	0.6	SMXDH223KC1XXA*10**
0.022	13	11	5	10	0.6	SMXDI223KC2X1A*10**
0.033	13	9	4	10	0.6	SMXDG333KC1XXA*10**
0.033	13	11	5	10	0.6	SMXDH333KC2X1A*10**
0.047	13	9	4	10	0.6	SMXDF473KC1XXA*10**
0.047	13	11	5	10	0.6	SMXDG473KC2X1A*10**
0.068	13	11	5	10	0.6	SMXDG683KC2X1A*10**
0.068	13	12	6	10	0.6	SMXDG683KC3XXA*10**

275Vac						
Cap. μF	W	H	T	P	d	Part number
0.10	13	11	5	10	0.6	SMXDF104KC2X1A*10**
0.10	13	12	6	10	0.6	SMXDG104KC3XXA*10**
0.15	13	12	6	10	0.6	SMXDF154KC3XXA*10**
0.15	13	14	8	10	0.6	SMXDG154KC5LTA*10**
0.22	13	12	6	10	0.6	SMXDE224KC3XXA*10**
0.22	13	14	8	10	0.6	SMXDF224KC5LTA*10**
0.33	13	14	8	10	0.6	SMXDE334KC5LTA*10**
0.33	12.5	16.5	10.5	10	0.6	SMXDF334KC9XXA*10**
0.47	13	14	8	10	0.6	SMXDE474KC5LTA*10**
0.47	12.5	16.5	10.5	10	0.6	SMXDF474KC9XXA*10**
0.010	18	11	5	15	0.8	SMXDJ103KD1XXA*15**
0.022	18	11	5	15	0.8	SMXDJ223KD1XXA*15**
0.033	18	11	5	15	0.8	SMXDI333KD1XXA*15**
0.047	18	11	5	15	0.8	SMXDI473KD1XXA*15**
0.068	18	11	5	15	0.8	SMXDH683KD1XXA*15**
0.10	18	11	5	15	0.8	SMXDG104KD1XXA*15**
0.10	18	12	6	15	0.8	SMXDG104KD2X5A*15**
0.15	18	11	5	15	0.8	SMXDF154KD1XXA*15**
0.15	18	12	6	15	0.8	SMXDG154KD2XXA*15**
0.22	18	12	6	15	0.8	SMXDF224KD2XXA*15**
0.22	18	13.5	7.5	15	0.8	SMXDG224KD3X5A*15**
0.22	18	14.5	8.5	15	0.8	SMXDG224KD4X5A*15**
0.33	18	12	6	15	0.8	SMXDE334KD2XXA*15**
0.33	18	13.5	7.5	15	0.8	SMXDF334KD3XXA*15**
0.33	18	14.5	8.5	15	0.8	SMXDG334KD4XXA*15**
0.33	18	15.5	9.5	15	0.8	SMXDG334KD5XXA*15**
0.47	18	14.5	8.5	15	0.8	SMXDF474KD4XXA*15**
0.47	18	15.5	9.5	15	0.8	SMXDG474KD5XXA*15**
0.47	18	19	10.8	15	0.8	SMXDG474KD7XXA*15**
0.68	18	15.5	9.5	15	0.8	SMXDF684KD5XXA*15**
0.68	18	19	10.8	15	0.8	SMXDG684KD7XXA*15**

EMI Suppression Capacitor, Class X2

■ 尺寸 Dimensions (mm)

275Vac						
Cap. μF	W	H	T	P	d	Part number
0.82	18	19	10.8	15	0.8	SMXDF824KD7XXA*15**
1.0	18	19.2	11.2	15	0.8	SMXDF105KD8X3A*15**
0.22	26.5	15	6	22.5	0.8	SMXDH224KE1XXA*23**
0.22	26.5	16.5	7	22.5	0.8	SMXDH224KE2XXA*23**
0.33	26.5	16.5	7	22.5	0.8	SMXDH334KE2XXA*23**
0.33	26.5	17	8.5	22.5	0.8	SMXDH334KE3X5A*23**
0.47	26.5	15	6	22.5	0.8	SMXDF474KE1XXA*23**
0.47	26.5	16.5	7	22.5	0.8	SMXDG474KE2XXA*23**
0.47	26.5	17	8.5	22.5	0.8	SMXDG474KE3X5A*23**
0.47	26.5	19	10	22.5	0.8	SMXDH474KE4X5A*23**
0.68	26.5	16.5	7	22.5	0.8	SMXDF684KE2XXA*23**
0.68	26.5	17	8.5	22.5	0.8	SMXDG684KE3XXA*23**
0.68	26.5	19	10	22.5	0.8	SMXDH684KE4XXA*23**
0.82	26.5	19	10	22.5	0.8	SMXDG824KE4XXA*23**
0.82	26	21.5	12	22.5	0.8	SMXDH824KE6XXA*23**
1.0	26.5	17	8.5	22.5	0.8	SMXDF105KE3XXA*23**
1.0	26.5	19	10	22.5	0.8	SMXDG105KE4XXA*23**
1.0	26	21.5	12	22.5	0.8	SMXDH105KE6XXA*23**
1.2	26.5	19	10	22.5	0.8	SMXDF125KE4XXA*23**
1.2	26	21.5	12	22.5	0.8	SMXDG125KE6XXA*23**
1.5	26.5	19	10	22.5	0.8	SMXDF155KE4XXA*23**
1.5	26	20	11	22.5	0.8	SMXDF155KE5XXA*23**
1.5	26	21.5	12	22.5	0.8	SMXDF155KE6XXA*23**
1.5	26.5	23	13	22.5	0.8	SMXDG155KE7XXA*23**
1.8	26	21.5	12	22.5	0.8	SMXDF185KE6XXA*23**
1.8	26	25	15	22.5	0.8	SMXDG185KE24LA*23**
2.2	26.5	23	13	22.5	0.8	SMXDF225KE7XXA*23**
2.2	26	25	15	22.5	0.8	SMXDG225KE24LA*23**
0.47	31	16	10	27.5	0.8	SMXDI474KF15XA*28**
0.47	31.5	19.5	10.8	27.5	0.8	SMXDI474KF1X5A*28**
0.68	31.5	19.5	10.8	27.5	0.8	SMXDH684KF1X5A*28**

275Vac						
Cap. μF	W	H	T	P	d	Part number
0.82	31.5	19.5	10.8	27.5	0.8	SMXDH824KF1X5A*28**
0.82	31.5	21.5	13	27.5	0.8	SMXDH824KF2X5A*28**
1.0	31.5	19.5	10.8	27.5	0.8	SMXDG105KF1X5A*28**
1.0	31.5	21.6	13	27.5	0.8	SMXDH105KF2XXA*28**
1.0	31	25	14	27.5	0.8	SMXDI105KF3XXA*28**
1.2	31.5	19.5	10.8	27.5	0.8	SMXDG125KF1X5A*28**
1.2	31.5	21.6	13	27.5	0.8	SMXDH125KF2XXA*28**
1.5	31.5	19.5	10.8	27.5	0.8	SMXDG155KF1XXA*28**
1.5	31.5	21.6	13	27.5	0.8	SMXDG155KF2XXA*28**
1.5	31	25	14	27.5	0.8	SMXDH155KF3XXA*28**
1.8	31	25	14	27.5	0.8	SMXDG185KF3XXA*28**
2.0	31.5	19.5	10.8	27.5	0.8	SMXDF205KF1XXA*28**
2.0	31.5	21.6	13	27.5	0.8	SMXDF205KF2XXA*28**
2.0	31	25	14	27.5	0.8	SMXDG205KF3XXA*28**
2.2	31.5	21.6	13	27.5	0.8	SMXDF225KF2XXA*28**
2.2	31	25	14	27.5	0.8	SMXDG225KF3XXA*28**
2.2	31	29	15.5	27.5	0.8	SMXDH225KF31LA*28**
2.2	32	28	18	27.5	0.8	SMXDH225KF13XA*28**

(1) The symbol * means style of lead forming

(2) The symbol ** means the lead length