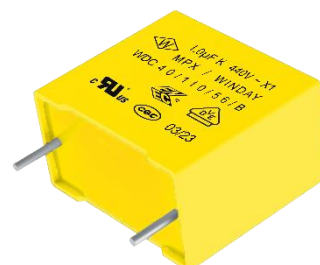
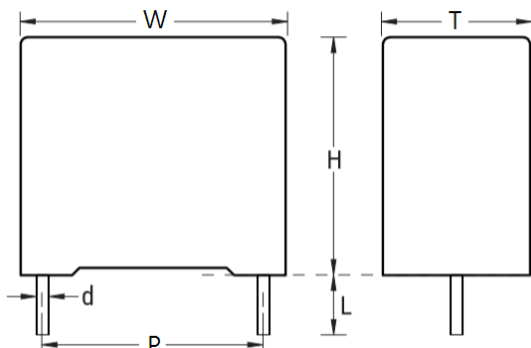


EMI Suppression Capacitor, Class X1

■ 外形圖 Outline Drawing (For Example)



■ 典型應用

適用於需要 X1 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 X1 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 ~ 4.7 μ F			
容量誤差 Capacitance Tolerance		$\pm 10\%$ (K)			
額定電壓 Rated Voltage (U_R)		310Vac	380Vac	440Vac	500Vac
氣候類別 Climatic Category		40/110/56			
工作溫度範圍 Operating Temperature Range		$-40^{\circ}\text{C} \sim 110^{\circ}\text{C}$			
被動可燃性等級 Passive Flammability Class		B			
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	$U_R \times 200\% + 1500\text{Vac}$, 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		$C_R \leq 0.33\mu\text{F}$, $IR \geq 15000\text{M}\Omega$ $C_R > 0.33\mu\text{F}$, $IR \times C_R \geq 5000\text{s}$ (100Vdc, 60sec / 20°C)			

EMI Suppression Capacitor, Class X1

■ 尺寸 Dimensions (mm)

310Vac / 380Vac						
Cap. μF	W	H	T	P	d	Part number
0.010	13	9	4	10	0.6	SWX1_103KC1XX+*10**
0.012	13	9	4	10	0.6	SWX1_123KC1XX+*10**
0.015	13	9	4	10	0.6	SWX1_153KC1XX+*10**
0.018	13	11	5	10	0.6	SWX1_183KC2X1+*10**
0.022	13	11	5	10	0.6	SWX1_223KC2X1+*10**
0.027	13	11	5	10	0.6	SWX1_273KC2X1+*10**
0.033	13	11	5	10	0.6	SWX1_333KC2X1+*10**
0.039	13	12	6	10	0.6	SWX1_393KC3XX+*10**
0.047	13	12	6	10	0.6	SWX1_473KC3XX+*10**
0.056	13	13	7	10	0.6	SWX1_563KC4LT+*10**
0.068	13	14	8	10	0.6	SWX1_683KC5LT+*10**
0.010	18	11	5	15	0.8	SWX1_103KD1XX+*15**
0.012	18	11	5	15	0.8	SWX1_123KD1XX+*15**
0.015	18	11	5	15	0.8	SWX1_153KD1XX+*15**
0.018	18	11	5	15	0.8	SWX1_183KD1XX+*15**
0.022	18	11	5	15	0.8	SWX1_223KD1XX+*15**
0.027	18	11	5	15	0.8	SWX1_273KD1XX+*15**
0.033	18	11	5	15	0.8	SWX1_333KD1XX+*15**
0.039	18	11	5	15	0.8	SWX1_393KD1XX+*15**
0.047	18	11	5	15	0.8	SWX1_473KD1XX+*15**
0.056	18	11	5	15	0.8	SWX1_563KD1XX+*15**
0.068	18	12	6	15	0.8	SWX1_683KD2XX+*15**
0.082	18	12	6	15	0.8	SWX1_823KD2XX+*15**
0.10	18	12	6	15	0.8	SWX1_104KD2XX+*15**
0.12	18	13.5	7.5	15	0.8	SWX1_124KD3XX+*15**
0.15	18	14.5	8.5	15	0.8	SWX1_154KD4XX+*15**
0.18	18	14.5	8.5	15	0.8	SWX1_184KD4XX+*15**
0.22	18	15.5	9.5	15	0.8	SWX1_224KD5XX+*15**
0.27	18	19	10.8	15	0.8	SWX1_274KD7XX+*15**
0.33	18	19	10.8	15	0.8	SWX1_334KD7XX+*15**

310Vac / 380Vac						
Cap. μF	W	H	T	P	d	Part number
0.039	26.5	15	6	22.5	0.8	SWX1_393KE1XX+*23**
0.047	26.5	15	6	22.5	0.8	SWX1_473KE1XX+*23**
0.056	26.5	15	6	22.5	0.8	SWX1_563KE1XX+*23**
0.068	26.5	15	6	22.5	0.8	SWX1_683KE1XX+*23**
0.082	26.5	15	6	22.5	0.8	SWX1_823KE1XX+*23**
0.10	26.5	15	6	22.5	0.8	SWX1_104KE1XX+*23**
0.12	26.5	15	6	22.5	0.8	SWX1_124KE1XX+*23**
0.15	26.5	15	6	22.5	0.8	SWX1_154KE1XX+*23**
0.18	26.5	15	6	22.5	0.8	SWX1_184KE1XX+*23**
0.22	26.5	16.5	7	22.5	0.8	SWX1_224KE2XX+*23**
0.27	26.5	16.5	7	22.5	0.8	SWX1_274KE2XX+*23**
0.33	26.5	17	8.5	22.5	0.8	SWX1_334KE3XX+*23**
0.39	26.5	19	10	22.5	0.8	SWX1_394KE4XX+*23**
0.47	26.5	19	10	22.5	0.8	SWX1_474KE4XX+*23**
0.56	26	20	11	22.5	0.8	SWX1_564KE5XX+*23**
0.68	26	21.5	12	22.5	0.8	SWX1_684KE6XX+*23**
0.82	26.5	23	13	22.5	0.8	SWX1_824KE7XX+*23**

(1) The symbol + means the voltage (B=310V, C=380V, D=440V, E=500V)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length

EMI Suppression Capacitor, Class X1

■ 尺寸 Dimensions (mm)

310Vac / 380Vac						
Cap. μF	W	H	T	P	d	Part number
0.15	31	18	9	27.5	0.8	SWX1_154KF5XX+*28**
0.18	31	18	9	27.5	0.8	SWX1_184KF5XX+*28**
0.22	31	18	9	27.5	0.8	SWX1_224KF5XX+*28**
0.27	31	18	9	27.5	0.8	SWX1_274KF5XX+*28**
0.33	31	18	9	27.5	0.8	SWX1_334KF5XX+*28**
0.39	31	18	9	27.5	0.8	SWX1_394KF5XX+*28**
0.47	31	18	9	27.5	0.8	SWX1_474KF5XX+*28**
0.56	31.4	19.5	10.8	27.5	0.8	SWX1_564KF1XX+*28**
0.68	31.4	19.5	10.8	27.5	0.8	SWX1_684KF1XX+*28**
0.82	31.4	19.5	10.8	27.5	0.8	SWX1_824KF1XX+*28**
1.0	31	25	14	27.5	0.8	SWX1_105KF3XX+*28**
1.2	32	25.5	16	27.5	0.8	SWX1_125KF4XX+*28**
1.5	32	25.5	16	27.5	0.8	SWX1_155KF4XX+*28**
1.8	32	28	18	27.5	0.8	SWX1_185KF13X+*28**
2.2	32	28	18	27.5	0.8	SWX1_225KF13X+*28**
0.33	42.5	24	13	37.5	1.0	SWX1_334KJ8XM+*38**
0.39	42.5	24	13	37.5	1.0	SWX1_394KJ8XM+*38**
0.47	42.5	24	13	37.5	1.0	SWX1_474KJ8XM+*38**
0.56	42.5	24	13	37.5	1.0	SWX1_564KJ8XM+*38**
0.68	42.5	24	13	37.5	1.0	SWX1_684KJ8XM+*38**
0.82	42.5	24	13	37.5	1.0	SWX1_824KJ8XM+*38**
1.0	42.5	24	13	37.5	1.0	SWX1_105KJ8XM+*38**
1.2	42.5	24	13	37.5	1.0	SWX1_125KJ8XM+*38**
1.5	42.5	24	13	37.5	1.0	SWX1_155KJ8XM+*38**
1.8	42.5	24	13	37.5	1.0	SWX1_185KJ8XM+*38**
2.2	41.5	34	20.5	37.5	1.0	SWX1_225KJ15L+*38**
2.7	41.5	34	20.5	37.5	1.0	SWX1_275KJ15L+*38**
3.3	41.5	34	20.5	37.5	1.0	SWX1_335KJ15L+*38**
3.9	41.5	35.5	22.5	37.5	1.0	SWX1_395KJ20L+*38**
4.7	41.5	35.5	22.5	37.5	1.0	SWX1_475KJ20L+*38**

440Vac / 500Vac						
Cap. μF	W	H	T	P	d	Part number
0.0010	10	9	4	7.5	0.6	SWX1_102KB3LT+*08**
0.0012	10	9	4	7.5	0.6	SWX1_122KB3LT+*08**
0.0015	10	9	4	7.5	0.6	SWX1_152KB3LT+*08**
0.0018	10	9	4	7.5	0.6	SWX1_182KB3LT+*08**
0.0022	10	9	4	7.5	0.6	SWX1_222KB3LT+*08**
0.0027	10	9	4	7.5	0.6	SWX1_272KB3LT+*08**
0.0033	10	9	4	7.5	0.6	SWX1_332KB3LT+*08**
0.0039	10	9	4	7.5	0.6	SWX1_392KB3LT+*08**
0.0047	10	9	4	7.5	0.6	SWX1_472KB3LT+*08**
0.0056	10	9	4	7.5	0.6	SWX1_562KB3LT+*08**
0.0068	10	11	5	7.5	0.6	SWX1_682KB4LT+*08**
0.0082	10	11	5	7.5	0.6	SWX1_822KB4LT+*08**
0.010	10	11	5	7.5	0.6	SWX1_103KB4LT+*08**
0.012	10	12	6	7.5	0.6	SWX1_123KB5LT+*08**
0.0010	13	9	4	10	0.6	SWX1_102KC1XX+*10**
0.0012	13	9	4	10	0.6	SWX1_122KC1XX+*10**
0.0015	13	9	4	10	0.6	SWX1_152KC1XX+*10**
0.0018	13	9	4	10	0.6	SWX1_182KC1XX+*10**
0.0022	13	9	4	10	0.6	SWX1_222KC1XX+*10**
0.0027	13	9	4	10	0.6	SWX1_272KC1XX+*10**
0.0033	13	9	4	10	0.6	SWX1_332KC1XX+*10**
0.0039	13	9	4	10	0.6	SWX1_392KC1XX+*10**
0.0047	13	9	4	10	0.6	SWX1_472KC1XX+*10**
0.0056	13	9	4	10	0.6	SWX1_562KC1XX+*10**
0.0068	13	9	4	10	0.6	SWX1_682KC1XX+*10**
0.0082	13	9	4	10	0.6	SWX1_822KC1XX+*10**
0.010	13	9	4	10	0.6	SWX1_103KC1XX+*10**

(1) The symbol + means the voltage (B=310V, C=380V, D=440V, E=500V)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length

EMI Suppression Capacitor, Class X1

■ 尺寸 Dimensions (mm)

440Vac / 500Vac						
Cap. μF	W	H	T	P	d	Part number
0.012	13	11	5	10	0.6	SWX1_123KC2X1+*10**
0.015	13	11	5	10	0.6	SWX1_153KC2X1+*10**
0.018	13	11	5	10	0.6	SWX1_183KC2X1+*10**
0.022	13	11	5	10	0.6	SWX1_223KC2X1+*10**
0.027	13	12	6	10	0.6	SWX1_273KC3XX+*10**
0.033	13	12	6	10	0.6	SWX1_333KC3XX+*10**
0.039	13	13	7	10	0.6	SWX1_393KC4LT+*10**
0.047	13	14	8	10	0.6	SWX1_473KC5LT+*10**
0.056	13	14	8	10	0.6	SWX1_563KC5LT+*10**
0.010	18	11	5	15	0.8	SWX1_103KD1XX+*15**
0.012	18	11	5	15	0.8	SWX1_123KD1XX+*15**
0.015	18	11	5	15	0.8	SWX1_153KD1XX+*15**
0.018	18	11	5	15	0.8	SWX1_183KD1XX+*15**
0.022	18	11	5	15	0.8	SWX1_223KD1XX+*15**
0.027	18	11	5	15	0.8	SWX1_273KD1XX+*15**
0.033	18	11	5	15	0.8	SWX1_333KD1XX+*15**
0.039	18	12	6	15	0.8	SWX1_393KD2XX+*15**
0.047	18	12	6	15	0.8	SWX1_473KD2XX+*15**
0.056	18	13.5	7.5	15	0.8	SWX1_563KD3XX+*15**
0.068	18	13.5	7.5	15	0.8	SWX1_683KD3XX+*15**
0.082	18	14.5	8.5	15	0.8	SWX1_823KD4XX+*15**
0.10	18	14.5	8.5	15	0.8	SWX1_104KD4XX+*15**
0.12	18	15.5	9.5	15	0.8	SWX1_124KD5XX+*15**
0.15	18	19	10.8	15	0.8	SWX1_154KD7XX+*15**
0.18	18	19	10.8	15	0.8	SWX1_184KD7XX+*15**
0.039	26.5	15	6	22.5	0.8	SWX1_393KE1XX+*23**
0.047	26.5	15	6	22.5	0.8	SWX1_473KE1XX+*23**
0.056	26.5	15	6	22.5	0.8	SWX1_563KE1XX+*23**
0.068	26.5	15	6	22.5	0.8	SWX1_683KE1XX+*23**
0.082	26.5	15	6	22.5	0.8	SWX1_823KE1XX+*23**
0.10	26.5	15	6	22.5	0.8	SWX1_104KE1XX+*23**

440Vac / 500Vac						
Cap. μF	W	H	T	P	d	Part number
0.12	26.5	15	6	22.5	0.8	SWX1_124KE1XX+*23**
0.15	26.5	16.5	7	22.5	0.8	SWX1_154KE2XX+*23**
0.18	26.5	17	8.5	22.5	0.8	SWX1_184KE3XX+*23**
0.22	26.5	17	8.5	22.5	0.8	SWX1_224KE3XX+*23**
0.27	26.5	19	10	22.5	0.8	SWX1_274KE4XX+*23**
0.33	26	20	11	22.5	0.8	SWX1_334KE5XX+*23**
0.39	26	20	11	22.5	0.8	SWX1_394KE5XX+*23**
0.47	26.5	23	13	22.5	0.8	SWX1_474KE7XX+*23**
0.56	26	25	15	22.5	0.8	SWX1_564KE24L+*23**
0.15	31	18	9	27.5	0.8	SWX1_154KF5XX+*28**
0.18	31	18	9	27.5	0.8	SWX1_184KF5XX+*28**
0.22	31	18	9	27.5	0.8	SWX1_224KF5XX+*28**
0.27	31	18	9	27.5	0.8	SWX1_274KF5XX+*28**
0.33	31	18	9	27.5	0.8	SWX1_334KF5XX+*28**
0.39	31.4	19.5	10.8	27.5	0.8	SWX1_394KF1XX+*28**
0.47	31.4	19.5	10.8	27.5	0.8	SWX1_474KF1XX+*28**
0.56	31.5	21.6	13	27.5	0.8	SWX1_564KF2XX+*28**
0.68	31	25	14	27.5	0.8	SWX1_684KF3XX+*28**
1.0	32	25.5	16	27.5	0.8	SWX1_105KF4XX+*28**
1.2	32	28	18	27.5	0.8	SWX1_125KF13X+*28**
1.5	31	31	22	27.5	0.8	SWX1_155KF8XX+*28**
0.82	42.5	24	13	37.5	1.0	SWX1_824KJ8XM+*38**
1.0	42.5	24	13	37.5	1.0	SWX1_105KJ8XM+*38**
1.2	42.5	24	13	37.5	1.0	SWX1_125KJ8XM+*38**
1.5	41.5	30	17	37.5	1.0	SWX1_155KJ18L+*38**
1.8	41.5	30	17	37.5	1.0	SWX1_185KJ18L+*38**
2.2	41.5	34	20.5	37.5	1.0	SWX1_225KJ15L+*38**
2.7	41.5	35.5	22.5	37.5	1.0	SWX1_275KJ20L+*38**
3.3	41.5	41	27.5	37.5	1.0	SWX1_335KJ16L+*38**
3.9	41.5	41	27.5	37.5	1.0	SWX1_395KJ16L+*38**
4.7	41.5	41	27.5	37.5	1.0	SWX1_475KJ16L+*38**