



# Radio Interference Suppression X2 Capacitor

## 射頻突波抑制 X2 電容器

### FEATURE 特點

- \* High stability of capacitance and DF versus wide temperature and frequency range
- \* High transient endurance and high dielectric strength
- \* Real long-term stability
- \* Withstanding overvoltage stressing
- \* 寬溫度、頻率範圍內、容量 DF 具高穩定性間
- \* 高電流承受及高絕緣強度
- \* 長時間工作穩定性
- \* 能承受過壓衝壓

### APPLICATION 用途

- \* Line-By-Pass
- \* Antenna coupling
- \* Across-The-Line ,spark killer
- \* FMI filter
- \* Switching power supply
- \* 線間旁路
- \* 天線耦合
- \* 線間跨接，電花消制回路
- \* 頻率調制濾波
- \* 開關電源

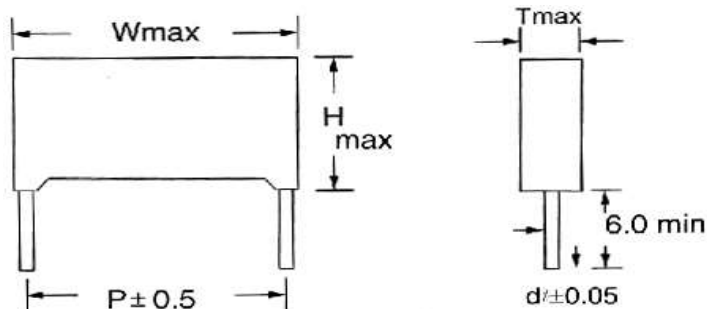
### SPECIFICATIONS 技術要求

Dielectric 介質	Polypropylene/Polyester film 聚丙烯(聚脂)薄膜
Electrodes 電極	Vacuum evaporated metal 真空蒸金屬
Coating 包封	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0 阻燃盒子并以環氧樹脂灌封
Leads 導線	Radial leads of tinned wire 徑向鍍錫導線
Reference Standard 引用標準	IEC 384-14(2nd Edition,1993)
Climatic Catalogue 氣候類別	40/85/21(GPF) 40/100/21(GMF)
Capacitance versus Rated Voltage( $U_R$ ) 靜電容量與額定電壓	275VAC(50/60HZ) 0.001 $\mu$ F-1.0 $\mu$ F
Capacitance Tolerance 靜電容量誤差	M=±20% K=±10% J=±5%
Dissipation Factor(Tangent of Loss) 散逸因素(損耗角正切)	≤0.1%(PP) ≤1.0%(PE) (at 20°C,1KHZ)
Voltage Proof 耐電壓	4.3* $U_R$ (1 minute at 20°C)
Insulation Resistance 絕緣電阻	C≤0.33 $\mu$ F IR≥15,000M $\Omega$ C>0.33 $\mu$ F IR*C≥5,000 $\Omega$ F (1 minute at 20°C and RH≤65%)
Endurance 耐久性	The test voltage 344VAC shall be applied for 1000 hours in the 85°C chamber. During this period,1000VAC 60HZ for 0.1sec be applied once each hour.After the Test: 85°C 試驗溫度下,344V 交流電壓 1000 小時,試驗過程中,1000V 交流電壓(60HZ),每一小時施加 0.1s。試驗完成後 C/C ≤10%; DF ≤0.04%(PP); DF ≤0.20%(PE);IR≥50% of the Specified value

### SPECIFICATIONS 認證通過文件及引用標準

	Sweden 瑞典 SS4430414	963502601		SWITZERLAND 瑞士 SEV 1055/1978	97.7 700887,01
	Norway 挪威 NEMKO 132/85	NO.P96102285		U.S.A 美國 UL1414,UL1283	E152288(N)
	DENMARK 丹麥 staerkst.reg1 1962/21	305888		GERMANY 德國 VDE 565 Teil 1/12.79	94733
	FILAND 芬蘭 E384/14-93	192032-01		CANADA 加拿大 C22.2 No.1-1994	LR108534-1
<b>CB</b>	IEC 384-14:93 +AM1:95	No.2848		CHINA 中國 CCEE GB/T14472-93	CH0023877-98

## OUTLINE DRAWING 外形圖



## DIMENSION 尺寸

單位 Unit:mm

符號 SYMBOL	$\mu F$	W	H	T	P	d $\varnothing$	符號 SYMBOL	$\mu F$	W	H	T	P	d $\varnothing$	符號 SYMBOL	$\mu F$	W	H	T	P	d $\varnothing$
102	0.0010	13.0	9.0	4.0	10.0	0.6	153	0.015	13.0	11.0	5.0	10.0	0.6	184	0.18	18.0	14.5	8.5	15.0	0.8
122	0.0012	13.0	9.0	4.0	10.0	0.6	183	0.018	13.0	11.0	5.0	10.0	0.6	224	0.22	18.0	14.5	8.5	15.0	0.8
152	0.0015	13.0	9.0	4.0	10.0	0.6	223	0.022	13.0	11.0	5.0	10.0	0.6	334	0.33	18.0	16.0	10.0	15.0	0.8
182	0.0018	13.0	9.0	4.0	10.0	0.6	273	0.027	13.0	12.0	6.0	10.0	0.6	154	0.15	26.5	16.5	7.0	22.5	0.8
222	0.0022	13.0	9.0	4.0	10.0	0.6	333	0.033	13.0	12.0	6.0	10.0	0.6	224	0.22	26.5	16.5	7.0	22.5	0.8
272	0.0027	13.0	9.0	4.0	10.0	0.6	393	0.039	18.0	11.0	5.0	15.0	0.6	274	0.27	26.5	17.0	8.5	22.5	0.8
332	0.0033	13.0	11.0	5.0	10.0	0.6	473	0.047	18.0	11.0	5.0	15.0	0.6	334	0.33	26.5	17.0	8.5	22.5	0.8
392	0.0039	13.0	11.0	5.0	10.0	0.6	563	0.056	18.0	12.0	6.0	15.0	0.6	394	0.39	26.5	19.0	10.0	22.5	0.8
472	0.0047	13.0	11.0	5.0	10.0	0.6	683	0.068	18.0	12.0	6.0	15.0	0.6	474	0.47	26.5	19.0	10.0	22.5	0.8
562	0.0056	13.0	11.0	5.0	10.0	0.6	823	0.082	18.0	12.0	6.0	15.0	0.6	474	0.47	32.0	20.0	11.0	27.5	0.8
682	0.0068	13.0	11.0	5.0	10.0	0.6	104	0.10	18.0	12.0	6.0	15.0	0.6	564	0.56	32.0	20.0	11.0	27.5	0.8
822	0.0082	13.0	11.0	5.0	10.0	0.6	104	0.10	18.0	13.5	7.5	15.0	0.8	684	0.68	32.0	20.0	11.0	27.5	0.8
103	0.010	13.0	11.0	5.0	10.0	0.6	124	0.12	18.0	13.5	7.5	15.0	0.8	824	0.82	32.0	22.0	13.0	27.5	0.8
123	0.012	13.0	11.0	5.0	10.0	0.6	154	0.15	18.0	14.5	8.5	15.0	0.8	105	1.0	32.0	22.0	13.0	27.5	0.8