

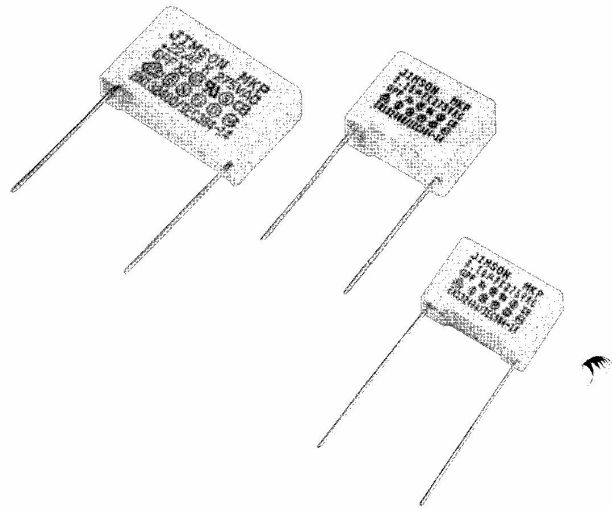
Radio Interference Suppression X₂ Capacitor

射頻突波抑制 X₂ 電容器

TYPE 類別: MKP[X₂Class]

■ 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
- 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

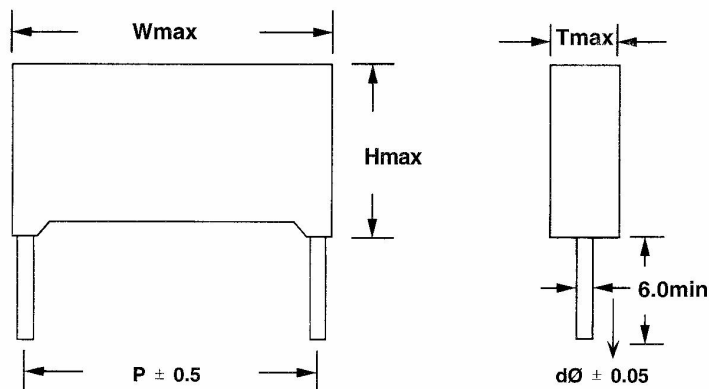
- Line - By - Pass
- Antenna coupling
- Across - The - Line, spark killer
- FMI filter
- Switching power supply

■ 用途

- 綫間旁路
- 天綫耦合
- 綫間跨接，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 UL 94V-0 阻燃盒子并以環氧樹脂灌封		
Leads 導綫	Radial leads of tinned wire 徑向鍍錫導綫		
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)	0.001μF ~ 1.0μF	
Capacitance Tolerance 靜電容量誤差	M= ± 20%	K= ± 10%	J= ± 5%
散逸因素(損耗角正切) Dissipation Factor(Tangent of Loss)	< 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 < 0.33μF C > 0.33μF	IR ≥ 15,000MΩ IR * C ≥ 5,000ΩF (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。試驗完成后： C/C ≤ 10%; DF ≤ 0.04% (PP); DF ≤ 0.20% (PE); IR ≥ 50% of the Specified value		

OUTLINE DRAWING 外形圖

DIMENSION 尺寸:

單位 Unit:mm

符號 SYMBOL	μF	W	H	T	P	dØ
102	0.0010	13.0	9.0	4.0	10.0	0.6
122	0.0012	13.0	9.0	4.0	10.0	0.6
152	0.0015	13.0	9.0	4.0	10.0	0.6
182	0.0018	13.0	9.0	4.0	10.0	0.6
222	0.0022	13.0	9.0	4.0	10.0	0.6
272	0.0027	13.0	9.0	4.0	10.0	0.6
332	0.0033	13.0	11.0	5.0	10.0	0.6
392	0.0039	13.0	11.0	5.0	10.0	0.6
472	0.0047	13.0	11.0	5.0	10.0	0.6
562	0.0056	13.0	11.0	5.0	10.0	0.6
682	0.0068	13.0	11.0	5.0	10.0	0.6
822	0.0082	13.0	11.0	5.0	10.0	0.6
103	0.010	13.0	11.0	5.0	10.0	0.6
123	0.012	13.0	11.0	5.0	10.0	0.6

符號 SYMBOL	μF	W	H	T	P	dØ
153	0.015	13.0	11.0	5.0	10.0	0.6
183	0.018	13.0	11.0	5.0	10.0	0.6
223	0.022	13.0	11.0	5.0	10.0	0.6
273	0.027	13.0	12.0	6.0	10.0	0.6
333	0.033	13.0	12.0	6.0	10.0	0.6
393	0.039	18.0	11.0	5.0	15.0	0.6
473	0.047	18.0	11.0	5.0	15.0	0.6
563	0.056	18.0	12.0	6.0	15.0	0.6
683	0.068	18.0	12.0	6.0	15.0	0.6
823	0.082	18.0	12.0	6.0	15.0	0.6
104	0.10	18.0	12.0	6.0	15.0	0.6
104	0.10	18.0	13.5	7.5	15.0	0.8
124	0.12	18.0	13.5	7.5	15.0	0.8
154	0.15	18.0	14.5	8.5	15.0	0.8

符號 SYMBOL	μF	W	H	T	P	dØ
184	0.18	18.0	14.5	8.5	15.0	0.8
224	0.22	18.0	14.5	8.5	15.0	0.8
334	0.33	18.0	16.0	10.0	15.0	0.8
154	0.15	26.5	16.5	7.0	22.5	0.8
224	0.22	26.5	16.5	7.0	22.5	0.8
274	0.27	26.5	17.0	8.5	22.5	0.8
334	0.33	26.5	17.0	8.5	22.5	0.8
394	0.39	26.5	19.0	10.0	22.5	0.8
474	0.47	26.5	19.0	10.0	22.5	0.8
474	0.47	32.0	20.0	11.0	27.5	0.8
564	0.56	32.0	20.0	11.0	27.5	0.8
684	0.68	32.0	20.0	11.0	27.5	0.8
824	0.82	32.0	22.0	13.0	27.5	0.8
105	1.0	32.0	22.0	13.0	27.5	0.8

SPECIFICATIONS 認證通過文件及引用標準

	Sweden 瑞典 SS4430414	963502601
	Norway 挪威 NEMKO 132/85	No.P96102285
	DENMARK 丹麥 staerkst.regl 1962/21	305888
	FILAND 芬蘭 E384/14 - 93	192032-01
CB	IEC 384 - 14:93 + AM1:95	No.2848

	SWITZERLAND 瑞士 SEV 1055/1978	97.7 70087,01
	U.S.A. 美國 UL1414, UL1283	E152288(N)
	GERMANY 德國 VDE 565 Teil 1/12.79	94733
	CANADA 加拿大 C22.2 No.1-1994	LR108534-1
	CHINA 中國 CCEE GB/T14472-93	CH0023877-98