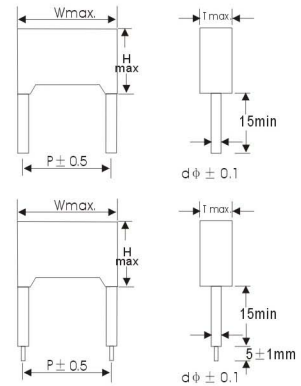
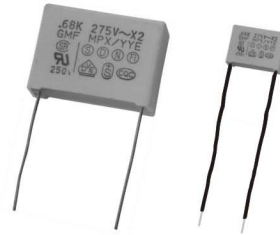


X2M Series 跨接抑制射頻突波電容器

結構 CONSTRUCTION

Polypropylene film dielectric with vacuum-evaporated metal electrodes, radial leads of tinned wire are electrically welded to the contact metal layer on the ends of capacitor winding, encapsulated in reinforced flame resistant plastic case sealed with epoxy resin meeting the requirement of UL 94V-O. UL 1015 or UL 1017 AwG#16~24 solid PVC insulation wire radial leads.

聚丙烯膜介質，真空蒸金屬電極，徑向鍍錫導線點焊于電容器兩端面金屬層，裝于加強阻燃型盒子并用環氧樹脂灌封，阻燃要求達到UL94V-O。



特點 FEATURE

- High stability of capacitance and DF versus wide temperature and frequency range.
- High transient endurance and high dielectric strength. Real long-term stability.
- 寬溫度、頻率範圍內容量DF，具高穩定性。
- 高電流承受極高絕緣強度
- 長時間工作穩定性。

用途 APPLICATION

Ideal for using in LINE-BY-PASS, Antenna coupling, Across-The-Line and (Spark killer circuit), also available for FMI filter and Switching power supply application.

適用於線間旁路，天線耦合，線間跨接，電花消制回路，同時也適用於頻率調制濾波，電源供給開關切換等應用。

認證通過文件及應用標準 APPROVALS REFERENCE DOCUMENTS



技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-14 (2nd Edition, 1993)	
氣候類別 Climatic Category	40/100/21 (GPF)	
靜電容量與額定電壓 Capacitance versus Rated Voltage (U_R)	275VAC/250VAC	0.001 μ F ~ 4.7 μ F
靜電容量誤差 Capacitance Tolerance	M = \pm 20% K = \pm 10% J = \pm 5%	
散逸因素 (損耗角正切) Dissipation Factor (Tangent of Loss)	\leq 0.1%	(at 20°C 1KHz)
耐電壓 Voltage Proof	2000VDC/1200VAC	1S (at 20°C)
絕緣電阻 Insulation Resistance	C \leq 0.33 μ F IR \geq 15,000M Ω C > 0.33 μ F IR * C \geq 5,000M Ω	(1 minute at 20°C and RH \leq 65%)
耐久性 Endurance	The test voltage 344VAC shall be applied for; 1000 hours in the 100°C chamber, During this period, 1000VAC 60Hz for a period of 0.1sec be applied once each hour. After the Test. 100°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。 Δ C/C \leq 10%; Δ DF \leq 0.04%; IR \geq 50% of the Specified value (規定值)	

尺寸 DIMENSION:

unit:mm \pm 1mm

符號 SYMBOL	μ F	W	H	T	P	d ϕ	符號 SYMBOL	μ F	W	H	T	P	d ϕ	符號 SYMBOL	μ F	W	H	T	P	d ϕ
102	0.0010	13.0	9/11	4/5	10.0	0.6	153	0.015	13/18	12/11	6/5	10/15	0.6	224	0.22	18/26.5	16.5	10/7	15.0/22.5	0.8
122	0.0012	13.0	9/11	4/5	10.0	0.6	183	0.018	13/18	12/11	6/5	10/15	0.6	274	0.27	18/26.5	18.0	10/8.5	15.0/22.5	0.8
152	0.0015	13.0	9/11	4/5	10.0	0.6	223	0.022	13/18	12/11	6/5	10/15	0.6	334	0.33	18/26.5	19.0	11/10	15.0/22.5	0.8
182	0.0018	13.0	9/11	4/5	10.0	0.6	273	0.027	13/18	12/11	6/5	10/15	0.6	394	.039	18/26.5	21.5	12.0	15.0/22.5	0.8
222	0.0022	13.0	9/11	4/5	10.0	0.6	333	0.033	13/18	12/11	6/5	10/15	0.6	474	0.47	18/26.5	21.5	12.0	15.0/22.5	0.8
272	0.0027	13.0	9/11	4/5	10.0	0.6	393	0.039	13/18	12.0	6.0	10/15	0.8	564	0.56	32/26.5	22.0	13.0	27.5/22.5	0.8
332	0.0033	13.0	9/11	4/5	10.0	0.6	473	0.047	13/18	12.0	6.5	10/15	0.8	684	0.68	32/26.5	23.0	14.0	27.5/22.5	0.8
392	0.0039	13.0	9/11	4/5	10.0	0.6	563	0.056	13/18	13.0	7.0	10/15	0.8	824	0.82	32/26.5	23.0	14.0	27.5/22.5	0.8
472	0.0047	13.0	11.0	5.0	10.0	0.6	683	0.068	13/18	13.5	7.5	10/15	0.8	105	1.0	32/26.5	23.0	14.0	27.5/22.5	0.8
562	0.0056	13.0	11.0	5.0	10.0	0.6	823	0.082	13/18	13.5	7.5	10/15	0.8	155	1.5	32/38	25.0	14.0	27.5/32.5	0.8
682	0.0068	13.0	11.0	5.0	10.0	0.6	104	0.10	13/18	13.5	7.5	10/15	0.8	225	2.2	32/38	27.0	18/16	27.5/32.5	0.8
822	0.0082	13.0	11.0	5.0	10.0	0.6	124	0.12	13/18	14.5	8.5	10/15	0.8	335	3.3	38	31.0	20	32.5	0.8
103	0.010	13/18	11.0	5.0	10/15	0.6	154	0.15	18/26.5	16.5	10/7	15/22.5	0.8	395	3.9	38	34.0	22	32.5	0.8
123	0.012	13/18	11.0	5.0	10/15	0.6	184	0.18	18/26.5	16.5	10/7	15/22.5	0.8	475	4.7	43/51	36/32	25/20	37.5/47.5	0.8