

MSM Series 金屬化聚酯薄膜電容器(小型化)P:7.5mm

結構 CONSTRUCTION

MSM are non-inductively wound with metallized Polyester film as dielectric/enecrode with copper-clad steel leads with epoxy resin coating. They are suitable for blocking, filtering, by-pass, coupling, decoupling and timing circuits with application in telecommunication, data processing, industrial instruments and automatic control system equipments.

聚酯膜介質，真空蒸金屬電極，經向鍍錫導線點焊于電容器兩端面金屬層，環氧樹脂封裝。

特點 FEATURE

- Small size can be compared favourably with the stack film capacitor.
- Excellent self-healing and high reliability.
- Non-inductive Construction.
- Space saving miniature size.

體積小，可與疊片式電容相比。

良好自愈及可靠性。

無感型結構。

尺寸小，節省空間。

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-2 GRADE I ; Gb7335		
溫度範圍 Temperature Range	-40℃~+85℃ (From 85℃ up to 105℃ with derating voltage 1.25% /℃, 85℃ 至 105℃ 間按 1.25% /℃ 處減電壓)		
靜電容量誤差 Capacitance Tolerance	M=± 20%	K=± 10%	J=± 5%
散逸因素 (損耗角正切) Dissipation Factor (Tangent of Loss)	≤0.80% (at 20℃, 1KHz)		
耐電壓 Voltage Proof	1.6* UR (1 minute at 20℃)		
絕緣電阻 Insulation Resistance	C≤0.33μF IR≥9,000MΩ C>0.33μF IR*C≥3,000ΩF (1 minute at 20℃ and RH≤65%)		
耐久性 Endurance	500 hours with 125% of rated voltage at 85℃ after the test 85℃ 條件下，125%之額定電壓500小時，試驗完成後 ΔC/C≤5% Δ(DF)≤0.20%; C 0.33 F; IR 4500MΩ; C>0.33μF; IR*C≥1500ΩF (20℃ 1KHz)		

尺寸 (Dimensions)

單位: Unit: mm

容量		50/63/100VDC					100/160VDC					250VDC					400VDC					630VDC					1000VDC					
符號	μ F	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø	
SYMBOL																																
102	0.0010	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	8.0	5	7.5	0.5	90	8.0	5	7.5	0.5	
152	0.0015	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	8.0	5	7.5	0.5	90	8.0	5	7.5	0.5	
222	0.0022	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	8.0	5	7.5	0.5	90	8.0	5	7.5	0.5	
332	0.0033	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	8.0	5	7.5	0.5	90	8.0	6	7.5	0.5	
472	0.0047	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	8.0	5	7.5	0.5	90	9.0	6	7.5	0.5	
682	0.0068	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	9.0	6	7.5	0.5	90	10	7	7.5	0.5	
103	0.010	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8	5	7.5	0.5	90	10	7	7.5	0.5	90	10	8	7.5	0.5	
153	0.015	90	6.5	4.0	7.5	0.5	90	6.5	4.0	7.5	0.5	90	8.0	4.0	7.5	0.5	90	8	6	7.5	0.5	90	10	8	7.5	0.5						
223	0.022	90	7.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8.0	4.0	7.5	0.5	90	9	6	7.5	0.5	90	10	8	7.5	0.5						
333	0.033	90	7.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	8.0	5.0	7.5	0.5	90	10	6	7.5	0.5											
473	0.047	90	7.5	4.0	7.5	0.5	90	7.5	4.0	7.5	0.5	90	9.0	5.0	7.5	0.5	90	10	7	7.5	0.5											
683	0.068	90	8.0	4.0	7.5	0.5	90	8.0	4.0	7.5	0.5	90	9.0	6.0	7.5	0.5	90	10	8	7.5	0.5											
104	0.10	90	8.5	4.0	7.5	0.5	90	8.5	4.5	7.5	0.5	90	10	6.0	7.5	0.5	90	11	8	7.5	0.5											
154	0.15	90	9.0	4.0	7.5	0.5	90	9.0	4.5	7.5	0.5	90	11	6.0	7.5	0.5																
224	0.22	90	9.0	4.0	7.5	0.5	90	9.0	5.0	7.5	0.5	90	11	7.0	7.5	0.5																
334	0.33	90	9.0	4.0	7.5	0.5	90	10.5	5.0	7.5	0.5																					
474	0.47	90	9.0	4.5	7.5	0.5	90	11	5.0	7.5	0.5																					
684	0.68	90	9.0	5.0	7.5	0.5	90	11	6.0	7.5	0.5																					
105	1.00	90	9.0	5.5	7.5	0.5	90	11	7.0	7.5	0.5																					
155	1.50	10	9.0	6.0	7.5	0.5																										
225	2.20	10	10	6.0	7.5	0.5																										

可依需求制作特殊規格 (SPECIAL SIZE OR ITEMS ON REQUEST)