

MEA Series 金屬化聚酯膜電容器(軸向扁平型)

結構 CONSTRUCTION

MEA are non-inductively wound with metallized Polyester film as dielectric/enectrode with copper-clad steel leads with epoxy resin coating. Winding out wrapped with Mylar tape and ends sealed with epoxy resin. 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，軸向鍍錫導線點焊于電容器兩端面金屬層，瑪拉膠帶包封，環氧樹脂封裝。

特點 FEATURE

- Non-inductive construction
 - Self-healing
 - High moisture resistance
 - High capacitance value available and compact size
- 無感型結構
自愈型
高耐濕特性
可獲得高容量且尺寸緊湊

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384- 2 GRADE I, GB 7334		
溫度範圍 Temperature Range	-40°C ~ +85°C (From 85°C up to 105°C with derating voltage 1.25% /°C, 85°C 至 105°C 間按 1.25% /°C 遞減電壓)		
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)	C ≤ 1.0 μF C > 1.0 μF	DF ≤ 0.80% DF ≤ 1.0%	(at 20°C, 1KHz)
耐電壓 Voltage Proof	1.6 * U _R (1 minute at 20°C)		
絕緣電阻 Insulation Resistance	C ≤ 0.33 μF C > 0.33 μF	IR ≥ 15,000 MΩ IR * C ≥ 5,000 Ω F	(1 minute at 20°C and RH ≤ 65%)
耐久性 Endurance	1000 hours with 125% of rated voltage at 85°C after the test 85°C 條件下，125% 之額定電壓 1000 小時，試驗完成後 ΔC/C ≤ 5% Δ(DF) ≤ 0.20%; C ≤ 0.33 μF; IR ≥ 7500 MΩ; C > 0.33 μF; IR * C ≥ 2500 Ω F (20°C 1KHz)		

尺寸 (Dimensions)

單位: Unit: mm

容量 CAPACITANCE	100VDC				250VDC				400VDC				630VDC					
	符號 SYMBOL	μ F	L	H	T	dø	L	H	T	dø	L	H	T	dø	L	H	T	dø
103	0.010														16.0	8.0	5.0	0.6
153	0.015														16.0	9.0	6.0	0.6
223	0.022														16.0	10.0	7.0	0.6
333	0.033										16.0	8.0	4.0	0.6	16.0	10.0	8.0	0.6
473	0.047										16.0	9.0	5.0	0.6	16.0	12.0	9.0	0.6
683	0.068										16.0	10.0	6.0	0.6	21.0	12.0	9.0	0.8
104	0.10	16.0	7.0	5.0	0.6	16.0	8.0	5.0	0.6	21.0	10.0	6.0	0.8	21.0	14.0	12.0	0.8	
154	0.15	16.0	8.0	5.0	0.6	16.0	9.0	5.0	0.6	21.0	12.0	7.0	0.8	26.0	13.0	10.0	0.8	
224	0.22	16.0	9.0	6.0	0.6	16.0	10.0	6.0	0.6	26.0	12.0	7.0	0.8	26.0	15.0	13.0	0.8	
334	0.33	16.0	10.0	7.0	0.6	21.0	10.0	6.0	0.8	26.0	13.0	8.0	0.8	26.0	19.0	16.0	0.8	
474	0.47	16.0	11.0	8.0	0.6	21.0	13.0	7.0	0.8	26.0	16.0	9.0	0.8	36.0	16.0	14.0	0.8	
684	0.68	21.0	11.0	8.0	0.8	26.0	11.0	6.5	0.8	36.0	16.0	9.0	0.8	36.0	21.0	17.0	0.8	
105	1.0	21.0	12.0	9.0	0.8	26.0	14.0	8.0	0.8	36.0	18.0	10.0	0.8	36.0	26.0	20.0	0.8	
155	1.5	26.0	15.0	10.0	0.8	26.0	18.0	10.0	0.8	36.0	19.0	11.0	0.8	46.0	26.0	16.0	0.8	
225	2.2	26.0	18.0	12.0	0.8	36.0	16.5	9.0	0.8	36.0	23.0	13.0	0.8	46.0	30.0	19.0	0.8	
335	3.3	36.0	17.5	10.0	0.8	36.0	19.0	12.0	0.8	36.0	26.0	16.0	0.8	46.0	36.0	23.0	0.8	
475	4.7	36.0	18.0	12.0	0.8	36.0	23.0	16.0	0.8	46.0	25.0	15.0	0.8	46.0	36.0	24.0	0.8	
685	6.8	36.0	20.0	14.0	0.8	36.0	27.0	18.0	0.8	46.0	30.0	18.0	0.8	46.0	37.0	25.0	0.8	
106	10	36.0	24.0	17.0	0.8	46.0	25.0	14.0	0.8	46.0	34.0	23.0	0.8	60.0	30.0	21.0	0.8	
126	12	46.0	25.5	15.0	0.8	46.0	28.0	17.0	0.8	46.0	36.0	24.0	0.8	60.0	34.0	23.0	0.8	
156	15	46.0	25.5	16.0	0.8	46.0	30.0	20.0	0.8	46.0	37.0	25.0	0.8	60.0	38.0	26.0	0.8	
186	18	46.0	28.5	18.0	0.8	46.0	32.0	23.0	0.8	60.0	32.0	21.0	0.8					
226	22	46.0	30.0	21.0	0.8	46.0	32.0	24.0	0.8	60.0	34.0	23.0	0.8					
256	25	46.0	34.0	24.0	0.8	46.0	35.0	25.0	0.8	60.0	38.0	25.0	0.8					
336	33	60.0	36.0	24.0	0.8	60.0	35.0	24.0	0.8									
476	47	60.0	40.0	27.0	0.8	60.0	40.0	27.0	0.8									

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