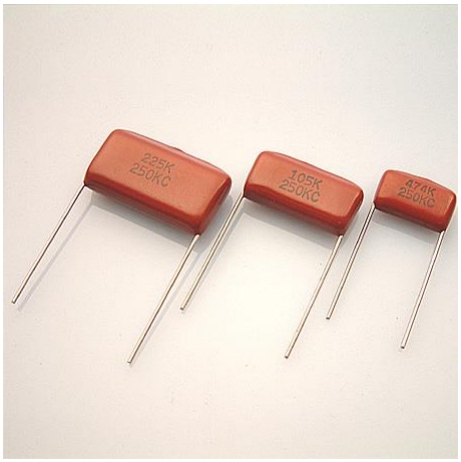
介紹 DESCRIPTION

The MEF(MER) is non-inductively wound using a metallized polyester film dielectric/electrode with radial leads and a epoxy resin coating.

MER 為無感電容，以金屬化聚酯薄膜捲繞，點焊鍍錫徑向引線於兩端，再以環氧樹脂包封。

特性 FEATURE



- Self-healing characteristics provide stability and long life
- moisture resistant
- Excellent electrical characteristics
- Small size、light weight

- 自癒性高、高頻穩定及使用壽命長
- 防潮性佳
- 電器特性良好
- 體積小、重量輕

用途 APPLICATION

- Widely used in communication, industrial and general electronic equipment：
- Suitable for charge/discharge, low voltage power and circuit applications below 10k Hz.
- DC-blocking, by-passing and signal coupling

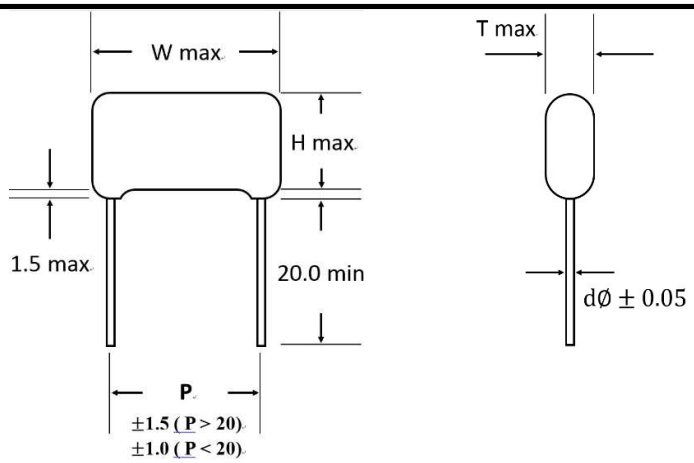
- 廣泛運用於通信、工業及一般電子設備：
- 適合用於充電/放電、低電壓源及 10k Hz 以下迴路應用。
- 直流減振、旁路及信號耦合。

規格 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-2 grade I；GB 7335
溫度範圍 Temperature Range	$-40℃ \sim +85℃$ $85℃$ 至 $105℃$ 之間以$1.25\%/℃$遞減電壓 From $85℃$ up to $105℃$ with derating voltage $1.25\%/℃$.
電容誤差 Capacitance Tolerance	$M = \pm 20\%, K = \pm 10\%, J = \pm 5\%$
散逸因素 Dissipation Factor(DF)	$DF \leq 1.0\%$ at $20℃$,1KHz
耐電壓 Voltage Proof	$1.6 * U_R$ (1 minute at $20℃$)
絕緣電阻 Insulation Resistance(IR)	$C \leq 0.33\mu F, IR \geq 9000M\Omega$ $C > 0.33\mu F, IR * C \geq 3000M\Omega$ (1 minute at $20℃$ and RH $\leq 65\%$)
耐久度 Endurance	1000 hours with 125% of rated voltage at $85℃$ after the test. $85℃$條件下，125%之額定電壓 1000 小時，試驗完成後： $\Delta C/C \leq 5\%, \Delta(DF) \leq 0.20\%$ ($20℃, 1KHz$)

尺寸可依需求製作 Size(L x H x T) can be adjusted to meet customers special requirement.

METALLIZED POLYESTER FILM CAPACITOR



Unit：mm

CAPACITANCE		2A(100VDC)					2E(250VDC)					2G(400VDC)					2J(630VDC)				
SYMBOL	μF	W	H	T	P	dØ	W	H	T	P	dØ	W	H	T	P	dØ	W	H	T	P	dØ
103	0.01	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6
153	0.015	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	6.0	10.0	0.6	13.0	11.0	6.5	10.0	0.6
223	0.022	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	6.0	10.0	0.6	13.0	11.0	6.5	10.0	0.6
333	0.033	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.0	6.5	10.0	0.6	13.0	12.0	7.0	10.0	0.6
473	0.047	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.5	7.0	10.0	0.6	18.0	10.0	6.0	15.0	0.8
683	0.068	13.0	11.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.5	6.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8
												18.0	10.5	6.0	15.0	0.8					
823	0.082	13.0	11.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	18.0	10.5	6.0	15.0	0.8	18.0	14.0	8.0	15.0	0.8
104	0.1	13.0	12.5	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	13.5	8.5	10.0	0.6	18.0	15.0	9.5	15.0	0.8
												18.0	11.5	6.5	15.0	0.8					
124	0.12	13.0	12.5	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	18.0	11.5	6.5	15.0	0.8	18.0	15.0	9.5	15.0	0.8
154	0.15	13.0	12.5	8.0	10.0	0.6	13.0	12.5	8.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8	24.0	14.0	9.5	20.0	0.8
224	0.22	13.0	12.5	8.0	10.0	0.6	13.0	13.0	8.0	10.0	0.6	18.0	15.0	9.5	15.0	0.8	24.0	16.5	10.5	20.0	0.8
							18.0	13.0	7.0	15.0	0.6										
334	0.33	13.0	12.5	7.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8	18.0	16.5	10.0	15.0	0.8	30.0	17.5	11.0	27.5	0.8
												23.0	14.0	8.0	20.0	0.8					
474	0.47	13.0	12.5	7.0	10.0	0.6	18.0	16.0	9.5	15.0	0.8	24.0	17.5	10.5	20.0	0.8	30.0	22.5	12.5	27.5	0.8
		18.0	12.5	7.0	15.0	0.6					0.6										
684	0.68	18.0	13.5	8.0	15.0	0.6	18.0	16.0	9.5	15.0	0.8	30.0	17.5	10.5	27.5	0.8	30.0	23.5	14.0	27.5	0.8
							24.0	14.0	9.5	20.0	0.8										
824	0.82	18.0	13.5	8.0	15.0	0.6	24.0	14.0	9.5	20.0	0.8	30.0	17.5	10.5	27.5	0.8	30.0	23.5	14.0	27.5	0.8
105	1.0	18.0	16.5	9.5	15.0	0.8	24.0	18.0	10.5	20.0	0.8	30.0	21.5	12.0	27.5	0.8	30.0	23.5	14.0	27.5	0.8
							18.0	16.0	13.0	15.0	0.8										
155	1.5	24.0	19.0	15.5	20.0	0.8	30.0	23.0	13.5	27.5	0.8	30.0	24.0	14.0	27.5	0.8					
							24.0	25.0	14.0	20.0	0.8										
225	2.2	24.0	21.0	12.5	20.0	0.8	30.0	23.0	13.5	27.5	0.8	30.0	26.0	16.0	27.5	0.8					
							24.0	26.0	14.0	20.0	0.8										
335	3.3	24.0	22.0	13.0	20.0	0.8	30.0	24.0	16.5	27.5	0.8										
475	4.7	30.0	23.5	14.0	27.5	0.8															
685	6.8	30.0	24.0	15.5	27.5	0.8															
106	10.0	30.0	26.0	21.5	27.5	0.8															