

METALLIZED POLYESTOR FILM CAPACITORS(COATING)

金屬化聚酯薄膜電容器(含浸型)

MEF Series: (A) Standard type

(B) Miniature P5mm type

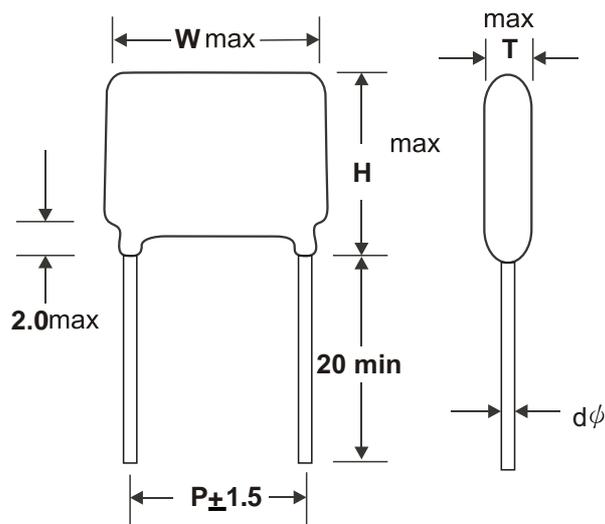
(C) Miniature 7.5mm type

●FEATURE 特點

- (1) Non-inductive construction
- (2) Self-healing
- (3) Epoxy resin coating
- (4) High reliable and superior performance in high frequency application.

- (1) 無感型結構
- (2) 自癒性
- (3) 環氧樹脂浸漆

(4) 在高頻應用下，具備高可靠度和優良特性



●SPECIFICATIONS 規格

Operating Temperature Range 操作溫度範圍	-40°C ~ +85°C
Rated Working Voltage 額定工作電壓	50V/63V, 100V, 250V, 400V, 630V (DC)
Rated Capacitance Range 電容值範圍	0.001 μF ~ 10.0 μF
Capacitance Tolerance 電容誤差值	J (± 5%), K (± 10%), M (± 20%)
Dielectric Strength 誘電強度	Withstand 150% of rated working voltage for 1 minute at 25 degree C.
Dissipation Factor (D.F.) 散逸因子	Less than 1.0% at 1KHz, 25°C
Insulation Resistance 絕緣電阻	30,000 MΩ min., for C ≤ 0.33 μF 1,000 MΩ X μF min., for C > 0.33 μF

(A) Standard type 標準型

●DIMENSIONS 尺寸

(unit: mm)

W.V.	50V/63V DC					100V DC					250V DC				
	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ
0.01	10.5	9.0	5.0	7.5	0.6	14.0	10.0	6.0	10.0	0.6	14.0	10.0	6.0	10.0	0.6
0.015	10.5	9.5	6.0	7.5	0.6	14.0	11.5	6.5	10.0	0.6	14.0	11.5	6.5	10.0	0.6
0.022	10.5	9.5	6.0	7.5	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6
0.033	10.5	9.5	6.0	7.5	0.6	14.0	11.5	7.0	10.0	0.6	14.0	11.5	7.0	10.0	0.6
0.047	10.5	9.5	6.0	7.5	0.6	14.0	11.5	7.0	10.0	0.6	14.0	11.5	7.0	10.0	0.6
0.068	10.5	9.5	6.0	7.5	0.6	14.0	11.5	7.0	10.0	0.6	14.0	11.5	7.0	10.0	0.6
0.1	10.5	9.5	6.0	7.5	0.6	14.0	10.0	6.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6
0.15	10.5	10.5	7.0	7.5	0.6	14.0	10.0	6.0	10.0	0.6	14.0	12.0	8.0	10.0	0.6
0.22	10.5	10.5	7.0	7.5	0.6	14.0	10.5	6.5	10.0	0.6	19.0	12.0	8.0	15.0	0.6
0.33	10.5	11.0	8.0	7.5	0.6	14.0	11.5	8.5	10.0	0.6	19.0	13.0	8.0	15.0	0.6
0.47	10.5	11.5	8.0	7.5	0.6	19.0	12.0	7.0	15.0	0.6	19.0	15.0	8.0	15.0	0.8
0.68	13.0	11.5	7.0	10.0	0.6	19.0	14.0	7.5	15.0	0.6	24.0	15.5	9.0	20.0	0.8
1.0	13.0	12.5	7.0	10.0	0.6	19.0	15.0	8.5	15.0	0.8	24.0	17.0	10.0	20.0	0.8
1.5	18.5	14.0	8.0	15.0	0.8	24.0	17.0	9.0	20.0	0.8	24.0	21.0	11.50	20.0	0.8
2.2	18.5	15.0	10.0	15.0	0.8	24.0	20.0	9.0	20.0	0.8	32.0	22.0	13.0	27.5	0.8
3.3						24.0	20.0	12.0	20.0	0.8	32.0	26.0	16.0	27.5	0.8
4.7						32.0	22.0	13.0	27.5	0.8	35.0	23.0	15.0	31.0	0.8
6.8						32.0	26.0	16.0	27.5	0.8					
10.0						32.0	31.0	18.0	27.5	0.8					

W.V.	400V DC					630V DC				
Cap.(μ F)	W	H	T	P	d ϕ	W	H	T	P	d ϕ
0.01	14.0	10.0	6.0	10.0	0.6	14.0	10.0	6.0	10.0	0.6
0.015	14.0	11.5	6.5	10.0	0.6	14.0	11.5	6.5	10.0	0.6
0.022	14.0	11.0	7.0	10.0	0.6	14.0	12.5	7.0	10.0	0.6
0.033	14.0	11.5	7.0	10.0	0.6	14.0	13.5	9.0	10.0	0.6
0.047	14.0	11.5	7.0	10.0	0.6	19.0	12.5	7.5	15.0	0.6
0.068	19.0	13.0	6.0	15.0	0.6	19.0	14.5	9.0	15.0	0.8
0.1	19.0	13.0	7.0	15.0	0.6	19.0	15.5	9.5	15.0	0.8
0.15	19.0	14.0	7.5	15.0	0.8	24.0	17.0	10.0	20.0	0.8
0.22	19.0	16.0	10.0	15.0	0.8	24.0	20.0	11.0	20.0	0.8
0.33	24.0	16.0	10.0	20.0	0.8	24.0	22.0	13.0	20.0	0.8
0.47	24.0	18.5	11.0	20.0	0.8	32.0	22.0	13.0	27.5	0.8
0.68	32.0	18.5	11.5	27.5	0.8	35.0	26.0	15.0	31.0	0.8
1.0	32.0	22.0	12.0	27.5	0.8	35.0	30.0	17.0	31.0	0.8
1.5	32.0	24.0	14.0	27.5	0.8					
2.2	35.0	24.5	15.0	31.0	0.8					
3.3	35.0	30.0	18.0	31.0	0.8					
4.7	41.0	31.0	19.0	36.0	0.8					

(B) Miniature P5mm type 小型化脚距 5mm

•DIMENSIONS 尺寸

(unit: mm)

W.V.	50V DC			63V DC			100V DC		
Cap.(μ F)	W	H	T	W	H	T	W	H	T
0.001	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0015	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0022	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0033	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0047	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0068	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.0082	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.01	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.015	7.0	6.5	4.0	7.0	6.5	4.0	7.0	6.5	4.0
0.022	7.0	6.5	4.0	7.0	6.5	4.0	7.0	7.0	4.0
0.033	7.0	6.5	4.0	7.0	6.5	4.0	7.0	7.0	4.0
0.047	7.0	6.5	4.0	7.0	6.5	4.0	7.0	7.0	4.0
0.068	7.0	6.5	4.0	7.0	6.5	4.0	7.0	8.0	4.5
0.082	7.0	6.5	4.0	7.0	6.5	4.0	7.0	9.0	5.0
0.1	7.0	6.5	4.0	7.0	6.5	4.0	7.0	9.0	5.0
0.15	7.0	7.0	4.5	7.0	7.0	4.5			
0.22	7.0	7.0	4.5	7.0	8.0	4.5			
0.33	7.0	8.0	4.5	7.0	9.0	5.0			
0.47	7.0	9.0	4.5						

(C) Miniature P7.5mm type 小型化脚距 7.5mm

•DIMENSIONS 尺寸

(unit: mm)

W.V.	50V / 63V DC			100V DC			250V DC		
CAP.(μ F)	W	H	T	W	H	T	W	H	T
0.001	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0012	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0015	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0018	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0022	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0027	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0033	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0039	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0047	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0056	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0068	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.0082	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.01	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.012	10.0	7.0	4.0	10.0	7.0	4.0	10.0	7.0	4.0
0.015	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.018	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.022	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.027	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.033	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.039	10.0	8.0	4.5	10.0	8.0	4.5	10.0	8.0	4.5
0.047	10.0	8.0	4.5	10.0	8.0	4.5	10.0	9.0	5.0
0.056	10.0	8.0	4.5	10.0	8.0	4.5	10.0	9.0	5.0
0.068	10.0	8.0	4.5	10.0	8.0	4.5	10.0	9.5	5.5
0.082	10.0	8.0	4.5	10.0	8.0	4.5	10.0	9.5	5.5
0.1	10.0	9.0	5.0	10.0	9.0	5.0	10.0	10.0	6.0
0.12	10.0	9.0	5.0	10.0	9.0	5.0			
0.15	10.0	9.0	5.0	10.0	9.5	5.5			
0.18	10.0	9.0	5.0	10.0	9.5	5.5			
0.22	10.0	9.0	5.0	10.0	10.0	6.0			
0.27	10.0	9.5	5.5						
0.33	10.0	9.5	5.5						
0.39	10.0	10.0	6.0						
0.47	10.0	10.0	6.0						
0.56	10.0	11.0	6.5						
0.68	10.0	11.0	6.5						