

PMF

7F2E, 7F2G, 7F2L, 7F2J

金屬化聚丙烯膜電容器

METALLIZED POLYPROPYLENE FILM CAPACITOR



用途/Application

- 適用於一般機器設備。
- 適用於耦合器（電源；變頻電路應用）。
- 適用於諧振電路（AV 應用、照明設備）。
- General purpose.
- Coupling (power, inverter circuit).
- Resonant (AV appliance, Lighting)

特性/Specific features

- 小型化產品對應高頻率。
- 對應從低電壓至高電壓的廣泛電容量。
- 良好的脈衝吸收特性。
- 外層塗料使用阻燃型環氧粉體樹脂(UL 94 V-0)，安全性佳。
- Design for high frequency and current.
- Available from low voltage to high voltage, wide range of capacitance.
- Perform for high pulse characteristic.
- Outer coating use for flame resisting Epoxy resin (UL94V-0) for safety.

規格/Specifications

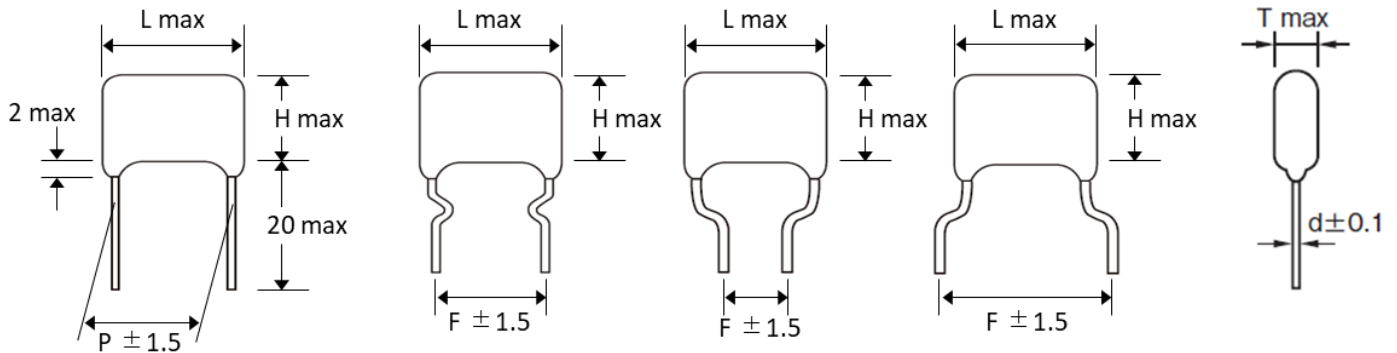
項目/Item		性能/Performance	條件/Remark
使用溫度範圍 Operating Temperature Range		-40°C ~ +85°C (+105°C)	-----
額定電壓 Rated Voltage		250VDC, 400VDC, 450VDC, 630VDC	-----
耐電壓 Voltage Proof	端子間 Between Terminals	無異常/ No defect	W.V.×150% 60 秒間 W.V.×150% 60sec.
	端子外裝間 Between Terminals and case	無異常/ No defect	W.V.×200% 2~5 秒間 W.V.×200% 2 - 5sec.
絕緣電阻 Insulation Resistance		C ≤ 1.0μF: 50,000MΩ 以上/ More than 50,000MΩ C > 1.0μF: 50,000Ω·F 以上/ More than 50,000Ω·F	250VDC, 400VDC, 450VDC: 100VDC 60 秒(sec.) 630VDC: 500VDC 60 秒(sec.)
電容量 Capacitance		0.033μF ~ 1.0μF	1kHz ±20%
電容量誤差 Capacitance Tolerance		±5%(J), ±10%(K)	1kHz ±20%
介質損失角 Dissipation Factor		C ≤ 1.0μF: 0.001 以下/ 0.001 or less C > 1.0μF: 0.0015 以下/ 0.0015 or less	1kHz ±20%

※相關使用，請參考塑膠薄膜電容器使用注意事項。

※For handling, please refer to Guideline of special attention for the usage of plastic film capacitors.

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尺寸/Dimensions (mm)



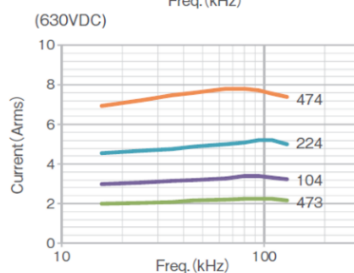
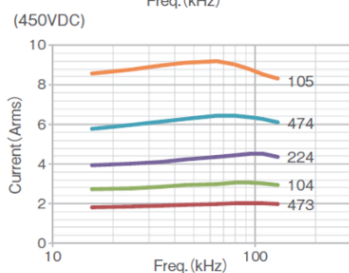
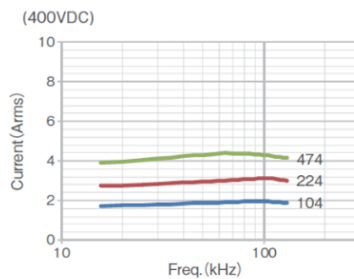
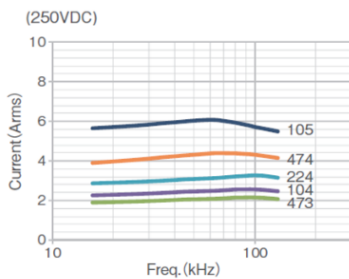
Cap. μF	250VDC						450VDC						630VDC					
	L	H	T	d	Pulse current (Ao-p)	L	H	T	d	Pulse current (Ao-p)	L	H	T	d	Pulse current (Ao-p)			
333	0.033	15.5	13.0	7.0	0.8	27	13.0	11.5	7.5	0.6	16	14.5	13.0	7.0	0.8	14		
393	0.039	15.5	13.0	7.5	0.8	31	13.0	12.0	8.0	0.6	19	14.5	13.5	7.5	0.8	17		
473	0.047	15.5	13.5	7.5	0.8	25	13.0	12.5	8.5	0.6	23	16.0	13.0	7.5	0.8	15		
563	0.056	15.5	13.5	7.5	0.8	30	13.0	13.0	9.0	0.6	27	16.0	13.5	8.0	0.8	18		
683	0.068	15.5	12.0	6.5	0.8	30	14.5	13.5	7.5	0.8	22	16.0	14.0	8.5	0.8	22		
823	0.082	15.5	12.5	7.0	0.8	37	14.5	14.0	8.0	0.8	26	16.0	15.0	9.0	0.8	26		
104	0.10	17.5	12.0	6.5	0.8	30	16.0	13.5	8.0	0.8	24	19.0	14.0	8.5	0.8	22		
124	0.12	17.5	12.5	7.0	0.8	36	16.0	14.0	8.5	0.8	29	19.0	14.5	9.0	0.8	26		
154	0.15	17.5	14.0	7.0	0.8	45	16.0	15.0	9.0	0.8	36	19.0	16.5	10.0	0.8	32		
184	0.18	17.5	14.5	7.5	0.8	54	16.0	16.5	10.0	0.8	44	19.0	17.5	10.5	0.8	39		
224	0.22	17.5	15.5	7.5	0.8	59	16.0	17.5	11.0	0.8	53	19.0	19.0	12.0	0.8	47		
274	0.27	17.5	16.0	8.0	0.8	73	19.0	16.5	10.0	0.8	44	21.0	19.0	12.0	0.8	48		
334	0.33	17.5	16.5	8.5	0.8	89	19.0	17.5	10.5	0.8	53	21.0	20.0	13.0	0.8	58		
394	0.39	17.5	17.5	9.0	0.8	105	19.0	18.5	12.0	0.8	63	21.0	21.0	14.0	0.8	69		
474	0.47	22.5	16.5	8.0	0.8	76	19.0	19.5	13.0	0.8	76	21.0	22.0	15.5	0.8	83		
564	0.56	22.5	17.0	8.5	0.8	90	21.0	19.5	13.0	0.8	90							
684	0.68	22.5	17.5	9.0	0.8	110	21.0	20.5	14.0	0.8	110							
824	0.82	22.5	18.0	10.0	0.8	132	24.0	20.5	13.5	0.8	108							
105	1.0	22.5	19.0	10.5	0.8	161	24.0	21.5	15.0	0.8	132							

※如有其他特殊規格需求，請聯絡我們洽詢。

※If others than above specification, please confirm to us for the information.

Cap. μF	400VDC					
	L	H	T	d	Pulse current (Ao-p)	
104	0.10	17.0	13.0	5.5	0.8	27
224	0.22	17.0	14.5	7.5	0.8	59
334	0.33	17.0	16.0	9.0	0.8	89
394	0.39	17.0	16.5	9.5	0.8	105
474	0.47	17.0	17.5	10.0	0.8	126

允許漣波電流/Permissible current



※如果脈衝週期超過 10,000 次，請聯絡我們洽詢。

※Please contact us in case pulse cycle exceed 10,000 times.