

PEI Series 聚酯膜一箔式電容器(有感型)

結構 CONSTRUCTION

PEI are Polyester film dielectric with aluminum foil electrodes, radial leads of tinned wire are electrically welded to the electrodes, epoxy resin coating. PEI-M is miniature size and PEI-H is designed for high voltage usage.

聚酯膜介質，鋁箔極板，真空蒸金屬層作內，經向鍍錫導線點焊于極板上，環氧樹脂包裝。PEI - M 屬小型化，PEI - H 適于高壓用途。

特點 FEATURE

- Small size, light weight and low cost.
- Dissipation Factor is small because of the leads are directly welded to the electrodes.
- Epoxy resin vacuum-dipped enhance the mechanical strength and humidity resistance.

體積小，重量輕，價格便宜。
散逸因素因引腳直接點焊于極板而特別小。
真空條件下環氧樹脂含浸，加強機械強度，耐濕性。

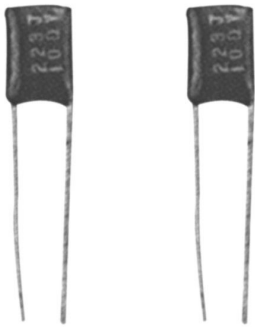
用途 APPLICATION

- Widely used in DC and pulsating circuits of radio,
- TV sets and various electronic equipments.
- PEI-M is space-saving and suitable for control unit
- PEI-H is suitable for high voltage usage such as energy-saving lamp and mosquito-killer lamp.

廣泛于收音機、電視各式電器設備中直流及脈衝回路。
PEI-M 體積小，適用于控制器。
PEI-H 適用于高壓用途，諸如節能燈，捕蚊燈。

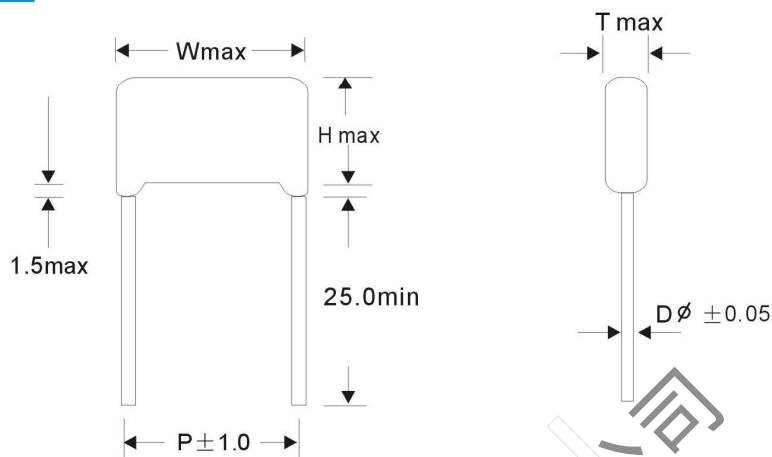
技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-11; GB 6349		
溫度範圍 Temperature Range	-55℃~+85℃		
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	2.5*UR(≤100VDC) (1 minute at 20℃) 1.6*UR(>100VDC)		
絕緣電阻 Insulation Resistance	C≤0.10 μ F IR≥30,000M Ω (1 minute at 20℃) C>0.10 μ F IR≥10,000M Ω and Rh≤65%)		
耐久性 Endurance	1000hours with 125% (100%for PEI-H)of rated voltage at 85℃ , After the test85℃ 條件下, 125% (對PEI-H為100%) 之額定電壓 1000小時，試驗完成後△ C/C≤5% △(DF) ≤ 0.20%; C≤0.10 μ F; IR≥3000M Ω; C> 0.10 μ F; IR≥1000M Ω (at 20℃, 1KHZ)		



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外型圖 OUTLINE DRAWING



單位:Unit:mm

容量 CAPACITANCE		50VDC/100VDC					250VDC					400VDC					630VDC					PEI-H 1000V					PEI-M 100V				
符 號 SYMBOL	μ F	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ
102	0.0010	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	12.0	3.0	4.0	0.5	5.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
122	0.0012	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	12.0	3.0	4.0	0.5	5.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
152	0.0015	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	13.0	3.0	4.0	0.5	5.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
182	0.0018	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	13.0	3.0	4.0	0.5	6.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
222	0.0022	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	13.0	4.0	4.0	0.5	7.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
272	0.0027	5.0	11.0	3.0	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	13.0	5.0	4.0	0.5	7.5	13.0	5.0	4.0	0.5	5.0	7.5	4.0	3.0	0.5
332	0.0032	5.0	11.0	3.5	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	5.5	13.0	6.0	4.0	0.5	8.0	13.0	5.0	5.0	0.5	5.0	7.5	4.0	3.0	0.5
392	0.0039	5.0	11.0	3.5	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	7.0	13.0	6.0	5.0	0.5	8.0	13.0	5.0	5.0	0.5	5.0	7.5	4.0	3.0	0.5
472	0.0047	5.0	11.0	3.5	3.0	0.5	5.5	11.0	3.0	3.0	0.5	5.5	11.5	3.0	3.5	0.5	8.0	13.0	7.0	5.0	0.5	9.0	13.0	6.0	5.5	0.5	5.0	7.5	4.0	3.0	0.5
562	0.0056	5.0	11.0	3.5	3.0	0.5	6.0	11.0	3.0	3.0	0.5	5.5	11.5	3.5	3.5	0.5	8.0	13.0	8.0	5.0	0.5	9.0	15.5	7.5	5.5	0.5	5.0	7.5	4.0	3.0	0.5
682	0.0068	5.0	11.0	3.5	3.0	0.5	6.0	11.0	3.0	3.0	0.5	6.5	14.0	4.0	5.0	0.5	9.0	14.0	9.0	5.0	0.5	10.0	15.5	8.0	6.0	0.5	5.0	7.5	4.0	3.0	0.5
822	0.0082	5.0	11.0	3.5	3.0	0.5	6.0	11.0	3.0	3.0	0.5	7.5	15.0	4.0	6.5	0.5	10.0	15.0	10.0	6.5	0.5	11.0	15.5	9.0	7.0	0.5	5.0	7.5	4.0	3.0	0.5
103	0.010	5.0	11.0	3.5	3.0	0.5	6.5	11.5	4.0	3.0	0.5	8.5	15.0	5.0	6.5	0.5	10.0	15.0	11.0	6.5	0.5	11.0	15.5	10.0	8.0	0.5	6.5	7.5	4.0	4.0	0.5
123	0.012	6.0	11.0	3.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5	9.5	15.5	6.0	8.0	0.5	10.0	15.0	12.0	8.0	0.5	12.0	15.5	11.0	8.0	0.5	6.5	7.5	4.0	4.0	0.5
153	0.015	6.0	11.0	3.0	3.5	0.5	7.0	11.5	4.0	3.5	0.5	10.0	15.5	7.0	8.0	0.5	11.0	15.0	13.0	8.0	0.5	13.0	19.5	12.0	9.0	0.5	6.5	7.5	4.0	4.0	0.5
183	0.018	6.0	11.0	3.5	4.5	0.5	7.0	11.5	4.0	4.0	0.5	11.0	18.5	7.0	8.0	0.5	12.0	15.0	14.0	8.0	0.5	14.0	19.5	12.0	9.0	0.5	6.5	7.5	4.0	4.0	0.5
223	0.022	6.5	11.0	3.5	4.5	0.5	7.5	11.5	4.0	4.5	0.5	12.0	18.5	8.0	8.0	0.5	13.0	16.0	14.0	8.0	0.5	15.0	19.5	12.0	10.0	0.5	6.5	8.5	4.0	4.0	0.5
273	0.027	6.5	11.0	3.5	4.5	0.5	8.0	12.5	4.5	4.5	0.5	13.0	20.0	8.0	8.0	0.5	14.0	16.0	14.0	10.0	0.5	15.0	20.0	12.5	10.0	0.5	6.5	8.5	4.0	4.0	0.5
333	0.033	6.5	11.0	3.5	4.5	0.5	9.0	13.0	6.5	5.0	0.5	13.5	20.0	8.0	8.0	0.5	15.0	18.0	14.0	10.0	0.5	15.0	20.0	13.5	10.0	0.5	6.5	8.5	4.5	4.0	0.5
393	0.039	8.5	11.5	3.5	4.5	0.5	9.0	13.5	7.0	5.5	0.5	15.0	20.0	9.5	10.0	0.5	15.0	18.0	14.0	10.0	0.5	15.0	20.0	14.5	10.0	0.5	7.5	9.0	4.5	5.0	0.5
473	0.047	8.5	11.5	4.0	5.5	0.5	9.5	14.0	7.0	6.0	0.5	15.0	20.0	9.5	10.0	0.5	15.0	20.0	14.0	10.0	0.5	15.0	20.0	15.0	10.0	0.5	8.5	9.0	5.0	5.0	0.5
563	0.056	8.5	12.5	4.0	5.5	0.5	10.0	16.0	8.5	6.5	0.5	15.0	20.0	11.5	10.0	0.5	15.0	20.0	14.0	10.0	0.5						8.5	10.0	5.0	5.0	0.5
683	0.068	9.0	12.5	4.5	6.0	0.5	10.0	16.0	8.5	6.5	0.5	15.0	20.0	11.5	10.0	0.5	15.0	20.0	14.0	10.0	0.5						9.5	11.0	5.0	5.0	0.5
823	0.082	9.5	12.5	5.0	6.0	0.5	14.0	19.0	10.0	7.0	0.5	15.0	20.0	11.0	10.0	0.5											9.5	11.0	5.0	5.0	0.5
104	0.10	11.0	13.5	5.5	7.0	0.5	14.0	19.0	10.0	7.5	0.5	15.0	20.0	11.0	10.0	0.5											9.5	11.0	5.0	5.0	0.5
124	0.12	11.0	13.5	6.0	7.0	0.5	14.0	19.0	10.0	8.0	0.5																				
154	0.15	11.0	14.0	6.0	7.0	0.5	15.0	20.0	11.0	9.0	0.5																				
184	0.18	11.0	14.0	6.5	7.0	0.5	15.0	20.0	11.0	10.0	0.5																				
224	0.22	12.5	15.0	7.0	7.5	0.5	15.0	20.0	12.0	10.0	0.5																				
274	0.27	12.5	15.5	7.5	7.5	0.5	15.0	20.0	12.0	10.0	0.5																				
334	0.33	12.5	16.5	8.5	8.0	0.5																									
394	0.39	15.0	18.0	9.0	9.5	0.5																									
474	0.47	15.0	18.0	9.0	10.0	0.5																									

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