

# Polyester Film/foil Capacitor(Inductive)

聚酯膜-箔式電容器(有感型) TYPE 類別: PEI

## CONSTRUCION 結構

- \* Polyester film dielectric with alluminum foil electrodes, radial leads of tinned wire are electricolly welded to the electrodes.expoxy 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.徑向鍍錫導線直接點焊于極板上, 環氧樹脂包封。
- \* PEI-M 屬小型化, PEI-H 適於高壓用途。

## FEATURE 特點

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

## APPLICATION 用途

- \* 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 REI-H is suitable for high voltage usage sucge 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.適用於控制器 PEI-H 適用於高壓用途, 諸如節能燈.捕蚊燈。

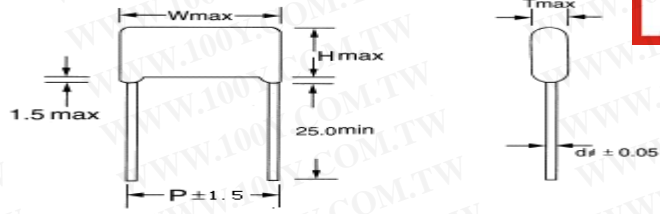
體積小, 重量輕, 價格便宜。  
散逸因素因引腳直接點焊於極板而特別小  
真空條件下環氧樹脂含浸, 加強機械強度. 耐濕性

## SPECIFICATIONS 技術要求

Dielectric 介質	Polyester film 聚脂薄膜
Electrodes 電極	Alluminum foil 鋁箔極板
Coating 包封	Epoxy resin coating 環氧樹脂封裝
Leads 導線	Radial leads of tinned wire 徑向鍍錫導線
Reference Standard 引用標準	IEC 384-11; GB 6349
Climatic Catalogue 氣候類別	-55°C ~ ~ ~ +85°C
<b>Capacitance versus Rated Voltage(<math>U_R</math>)</b> 靜電容量與額定電壓	PEI 100VDC 0.001 $\mu$ F - -0.47 $\mu$ F 250VDC 0.001 $\mu$ F - -0.22 $\mu$ F 400VDC 0.001 $\mu$ F - -0.10 $\mu$ F PEI-M 100VDC 0.001 $\mu$ F - -0.047 $\mu$ F PEI-H 1000VDC 0.001 $\mu$ F - -0.047 $\mu$ F
Capacitance Tolerance 靜電容量誤差	M=±20% K=±10% J=±5%
Dissipation Factor(Tangent of Loss) 散逸因素 (損耗角正切)	≤0.8% (at 20°C ,1KHZ)
Voltage Proof 耐電壓	PEI,PEI-M: 2.5 * $U_R$ PEI-H 1.6 * $U_R$ (1minute at )
Insulation Residance 絕緣電阻	C≤0.10 $\mu$ F IR≥30,000M $\Omega$ C>0.10 $\mu$ F IR≥10,000M $\Omega$ (1 minute at and RH≤65%)
Endurance 耐久性	1000 hours at 140% (125% for PEI-H)of rated voltage at 85°C, After the test : 85°C條件下, 140%(對 PEI-H 為 125%)之額定電壓 1000 小時, 試驗完成後: $\Delta$ C/C ≤5% ; $\Delta$ (DF)≤0.20% C≤0.10 $\mu$ F, IR≥15.000M $\Omega$ ; C>0.10 $\mu$ F,, IR ≥5000M $\Omega$ ( 1KHZ)

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

**OUTLINE DRAWING 外形圖**



**DIMENSION 尺寸**

單位 Unit:mm

CARACITANCE		100VDC					250VDC					400VDC					PEI-M 100V					PEI-H 100V				
SYMBOL	μF	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	9.5	2.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	7.0	11.5	4.0	4.0	0.5	6.5	7.5	4.0	3.5	0.5	8.5	13.0	6.5	4.0	0.5
122	0.0012	5.0	9.5	2.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	7.0	12.0	4.0	4.0	0.5	6.5	7.5	4.0	3.5	0.5	8.5	13.0	6.5	4.0	0.5
152	0.0015	5.0	9.5	2.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	7.5	12.0	4.0	4.0	0.5	6.5	7.5	4.0	3.5	0.5	9.0	13.0	6.5	4.0	0.5
182	0.0018	5.0	9.5	2.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	7.5	12.5	4.0	4.0	0.5	6.5	7.5	4.0	3.5	0.5	9.0	13.0	6.5	4.0	0.5
222	0.0022	5.0	9.5	2.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	7.5	12.5	4.0	4.0	0.5	6.5	7.5	4.0	3.5	0.5	9.5	13.0	6.5	4.0	0.5
272	0.0027	5.0	9.5	3.0	3.0	0.5	5.5	9.5	3.0	3.0	0.5	8.0	13.0	4.5	6.0	0.5	6.5	7.5	4.0	3.5	0.5	9.5	13.0	6.5	4.0	0.5
332	0.0033	5.0	9.5	3.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	8.0	13.0	4.5	6.0	0.5	6.5	7.5	4.0	3.5	0.5	10.0	13.0	8.5	4.0	0.5
392	0.0039	5.0	9.5	3.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	9.0	14.0	5.0	6.0	0.5	6.5	7.5	4.0	3.5	0.5	10.0	13.0	8.5	5.0	0.5
472	0.0047	5.0	9.5	3.5	3.0	0.5	5.5	9.5	3.0	3.0	0.5	9.0	14.0	5.0	6.0	0.5	6.5	7.5	4.0	3.5	0.5	10.0	13.0	9.0	5.5	0.5
562	0.0056	5.0	9.5	3.5	3.0	0.5	6.0	9.5	3.0	3.0	0.5	9.5	14.0	5.0	6.0	0.5	6.5	7.5	4.0	3.5	0.5	11.0	15.5	9.5	5.5	0.5
682	0.0068	5.0	9.5	3.5	3.0	0.5	6.0	9.5	3.0	3.0	0.5	9.5	14.0	5.0	6.0	0.5	6.5	7.5	4.0	3.5	0.5	12.0	15.5	10.0	6.0	0.5
822	0.0082	5.0	9.5	3.5	3.0	0.5	6.0	9.5	3.0	3.0	0.5	10.5	15.0	6.5	7.0	0.5	6.5	7.5	4.0	3.5	0.5	12.5	15.5	10.0	8.0	0.5
103	0.010	5.5	10.0	3.5	3.0	0.5	6.5	11.5	4.0	3.0	0.5	10.5	15.0	6.5	7.0	0.5	6.5	7.5	4.0	4.0	0.5	13.0	15.5	11.0	8.0	0.5
123	0.012	6.0	10.0	3.0	3.5	0.5	6.5	11.5	4.0	3.5	0.5	12.5	15.5	8.0	7.0	0.5	7.0	7.5	4.0	4.0	0.5	13.0	15.5	11.0	9.0	0.5
153	0.015	6.0	10.0	3.0	3.5	0.5	7.0	11.5	4.0	3.5	0.5	12.0	15.5	8.0	7.0	0.5	7.0	7.5	4.0	4.0	0.5	14.0	19.5	12.0	9.0	0.5
183	0.018	6.0	10.0	3.5	4.5	0.5	7.0	11.5	4.0	4.0	0.5	12.0	18.5	8.0	7.0	0.5	7.5	7.5	4.0	4.0	0.5	14.5	19.5	12.0	10.0	0.5
223	0.022	6.5	10.0	3.5	4.5	0.5	7.5	11.5	4.0	4.5	0.5	12.0	18.5	8.0	7.0	0.5	9.0	8.5	4.0	4.5	0.5	15.0	19.5	12.0	11.0	0.5
273	0.027	6.5	10.0	3.5	4.5	0.5	8.0	12.5	4.5	4.5	0.5	13.5	21.0	8.0	9.0	0.5	9.0	8.5	4.0	4.5	0.5	16.0	21.0	12.5	11.0	0.5
333	0.033	6.5	10.0	3.5	4.5	0.5	9.0	13.0	6.5	6.5	0.5	13.5	21.0	8.0	9.0	0.5	9.5	8.5	4.5	4.5	0.5	16.5	21.0	13.5	12.0	0.5
393	0.039	8.5	11.5	3.5	4.5	0.5	9.0	13.5	7.0	6.5	0.5	15.5	22.0	9.5	9.0	0.5	9.5	9.0	4.5	5.0	0.5	17.0	22.0	14.5	12.0	0.5
473	0.047	8.5	11.5	4.0	5.5	0.5	9.5	14.0	7.0	6.5	0.5	15.5	22.0	9.5	9.0	0.5	10.0	9.0	5.0	5.0	0.5	18.0	22.5	15.0	12.0	0.5
563	0.056	8.5	11.5	4.0	5.5	0.5	11.0	16.0	8.5	6.5	0.5	17.5	23.5	11.5	9.0	0.5										
683	0.068	9.0	11.5	4.5	6.0	0.5	12.5	16.0	8.5	6.5	0.5	17.5	23.5	11.5	9.0	0.5										
823	0.082	9.5	12.5	5.0	6.0	0.5	14.0	19.0	10.0	8.0	0.5	19.0	24.5	11.0	11.5	0.5										
104	0.10	11.0	12.5	5.5	7.0	0.5	14.0	19.0	10.0	8.0	0.5	19.0	24.5	11.0	11.5	0.5										
124	0.12	12.0	12.5	6.0	7.0	0.5	17.0	19.0	10.0	8.0	0.5															
154	0.15	11.0	14.0	6.0	7.0	0.5	17.0	22.0	11.0	10.5	0.5															
184	0.18	11.0	14.0	6.5	7.0	0.5	19.0	22.0	11.0	10.5	0.5															
224	0.22	12.5	15.0	7.0	7.5	0.5	19.0	22.0	12.0	10.5	0.5															
274	0.27	12.5	15.5	7.5	7.5	0.5	19.0	22.0	12.0	10.5	0.5															
334	0.33	14.5	16.5	8.5	8.0	0.5																				
394	0.39	15.0	18.0	9.0	9.5	0.5																				
474	0.47	16.0	18.0	9.0	10.0	0.5																				

(SPECIAL SIZE OR ITEMS ON REQUEST)可依需求制做特殊規格