

聚酯膜箔式电容器

■ 采用标准

GB6349-86 (IEC384-11)

■ 结构

介质：聚酯膜。

电极：铝箔。

封装：阻燃环氧树脂 (UL94 V-0)。

引线：镀锡铜包钢线 (CP 线) 货镀锡铜线。

■ 典型应用

直流及低脉冲场合。

如：低频滤波、隔直流及旁路等。

不推荐使用在交流、滤波、振荡及高频场合。

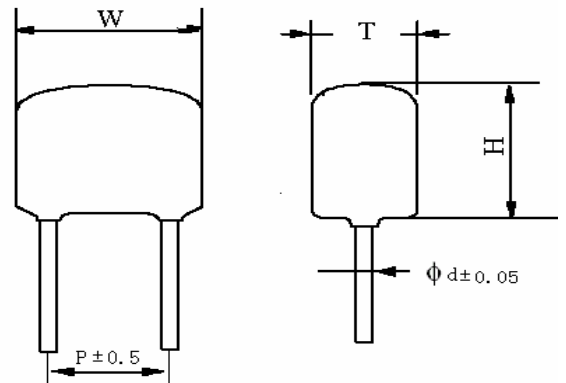
■ 特点

体积很小，重量轻；高可靠性。

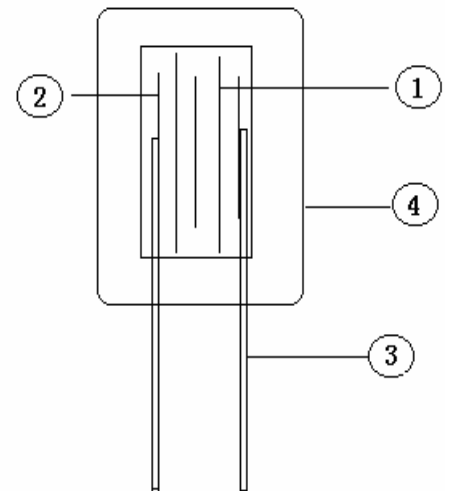
■ 技术参数

气候条件	-40--+85℃	
额定电压	100V、250V、400V、630V、1000V	
容量范围	0.001μF-0.47μF	
容量偏差	±5% ±10%	
耐电压	2.0UR (5S)	
绝缘电阻 或时间常数	≤0.1μF	≥30000MΩ
	>0.1μF	≥10000S (MΩ·μF)
损耗角正切	≤0.01 1kHz 20℃	
稳态湿热	温度：40±2℃ 湿度：93%RH 持续时间：21天 无可见损伤，标志清晰 电容量：ΔC/C≤5% 损耗角正切 (1KHz)：增加≤0.005 绝缘电阻 IR：≥额定值的 50%	
耐久性	+85℃，1000h 施加电压：1.25UR 电容量：ΔC/C≤5% 绝缘电阻 IR：≥额定值的 50%	

■ 外形尺寸



■ 结构图



说明：

- ① 金属化聚酯膜
- ② 铝泊
- ③ CP 线
- ④ 环氧树脂

■ 电压代码释义

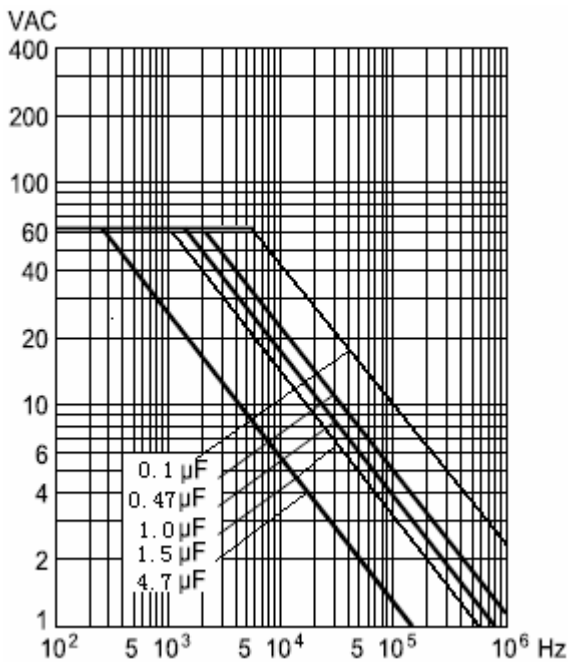
代码	1H	1J	2A	2E	2G	2H	2J	3A
电压 V	50	63	100	250	400	500	630	1000

■ 交流和直流电压的对应关系

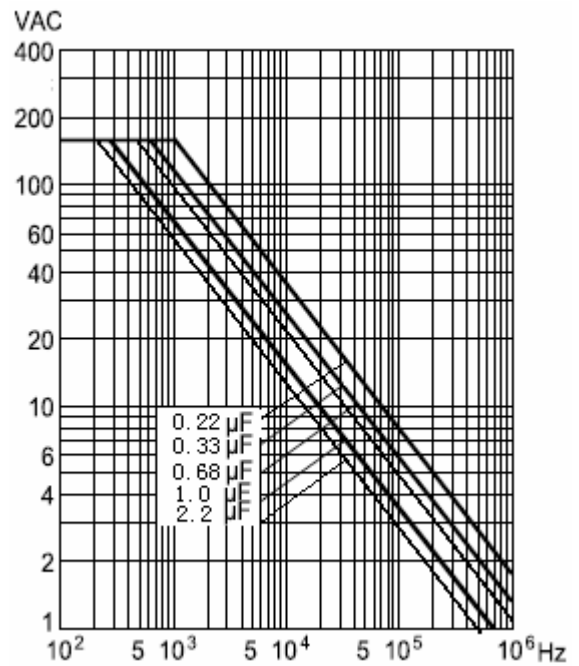
直流电压 DC	100VDC	250VDC	400VDC	630VDC	1000V
交流电压 AC	63VAC	160VAC	200VAC	220VAC	250VAC

■ 交流耐压与频率的关系曲线

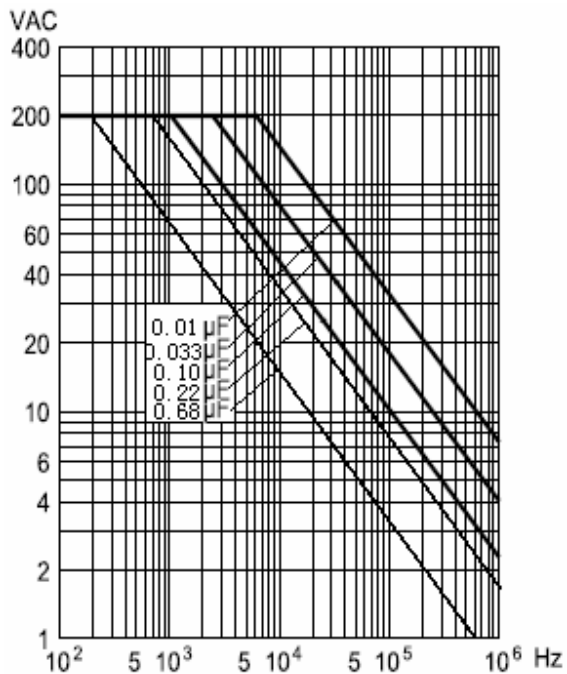
100VDC/63VAC



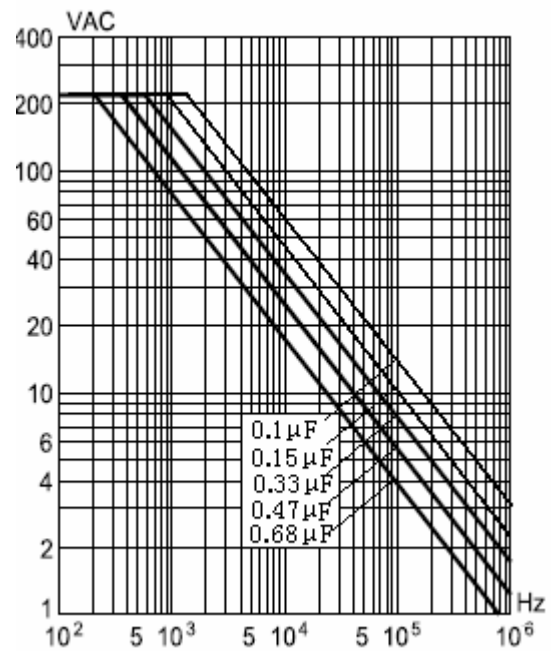
250VDC/160VAC



400VDC/200VAC



630VDC/220VAC



CL11 (PEI) 电容器规格尺寸表

容量	产品编码	外形尺寸 (mm)			脚距 (mm)	容量	产品编码	外形尺寸 (mm)			脚距 (mm)	容量	产品编码	外形尺寸 (mm)			脚距 (mm)
		W±1.0	T ±1.0	H±1.0				W±1.0	T ±1.0	H±1.0				W±1.0	T ±1.0	H±1.0	
50/100VDC					250VDC					400VDC							
102	PEI102J106041100	6.0	3.5	10.5	3.5	102	PEI102J207041100	6.5	4.0	11.0	3.5	102	PEI102J407041200	7.0	4.0	12.0	4.0
122	PEI122J106041100	6.0	3.5	10.5	3.5	122	PEI122J207041100	6.5	4.0	11.0	3.5	122	PEI122J407041200	7.0	4.0	12.0	4.0
152	PEI152J106041100	6.0	3.5	10.5	3.5	152	PEI152J207041100	6.5	4.0	11.0	3.5	152	PEI152J408041300	7.5	4.0	12.5	4.0
182	PEI182J106041100	6.0	3.5	10.5	3.5	182	PEI182J207041100	6.5	4.0	11.0	3.5	182	PEI182J408051300	7.5	5.0	12.5	4.0
222	PEI222J106041100	6.0	3.5	10.5	3.5	222	PEI222J207041100	6.5	4.0	11.0	3.5	222	PEI222J408051300	7.5	5.0	12.5	4.0
272	PEI272J106041100	6.0	3.5	10.5	3.5	272	PEI272J207041100	6.5	4.0	11.0	3.5	272	PEI272J408051400	8.0	5.0	13.5	6.0
332	PEI332J106041100	6.0	3.5	10.5	3.5	332	PEI332J207041100	6.5	4.0	11.0	3.5	332	PEI332J408051400	8.0	5.0	13.5	6.0
392	PEI392J106041100	6.0	3.5	10.5	3.5	392	PEI392J207041100	6.5	4.0	11.0	3.5	392	PEI392J409061400	9.0	6.0	14.0	6.0
472	PEI472J106041100	6.0	3.5	10.5	3.5	472	PEI472J207041100	6.5	4.0	11.0	3.5	472	PEI472J409061400	9.0	6.0	14.0	6.0
562	PEI562J106041100	6.0	3.5	10.5	3.5	562	PEI562J207041100	7.0	4.0	11.0	5.0	562	PEI562J410061400	9.5	6.0	14.0	6.0
682	PEI682J106041200	6.0	4.0	11.5	5.0	682	PEI682J207041100	7.0	4.0	11.0	5.0	682	PEI682J410061400	9.5	6.0	14.0	6.0
822	PEI822J107041200	6.5	4.0	11.5	5.0	822	PEI822J208041300	8.0	4.0	13.0	5.0	822	PEI822J411071500	10.5	6.5	15.0	7.0
103	PEI103J107041200	6.5	4.0	11.5	5.0	103	PEI103J208041300	8.0	4.0	13.0	5.0	103	PEI103J411071500	10.5	6.5	15.0	7.0
123	PEI123J107041200	6.5	4.0	11.5	5.0	123	PEI123J209051400	8.5	5.0	13.5	5.0	123	PEI123J412081600	12.0	8.0	15.5	7.0
153	PEI153J108041200	7.3	4.0	12.0	5.0	153	PEI153J209051400	8.5	5.0	13.5	5.0	153	PEI153J412081600	12.0	8.0	15.5	7.0
183	PEI183J108041200	7.5	4.0	12.0	5.0	183	PEI183J209061400	9.0	5.7	14.0	5.0	183	PEI183J412091900	12.0	8.5	18.5	7.0
223	PEI223J108051200	8.0	4.5	12.0	5.0	223	PEI223J209061400	9.0	6.0	14.0	6.5	223	PEI223J412091900	12.0	8.5	18.5	7.0
273	PEI273J108051200	8.0	5.0	12.0	5.0	273	PEI273J210061500	10.0	6.0	15.0	6.5	273	PEI273J414092100	13.5	8.5	21.0	9.0
333	PEI333J110051200	9.5	5.0	12.0	5.0	333	PEI333J210071500	10.0	6.5	15.0	6.5	333	PEI333J414092100	13.5	8.5	21.0	9.0
393	PEI393J110051200	9.5	5.0	12.0	5.0	393	PEI393J212071600	11.5	7.0	15.5	6.5	393	PEI393J416102200	15.5	9.5	22.0	9.0
473	PEI473J110051200	9.5	5.0	12.0	5.0	473	PEI473J213091800	12.5	8.5	17.5	6.5	473	PEI473J416102200	15.5	9.5	22.0	9.0
563	PEI563J110061300	10.0	5.5	12.5	7.5	563	PEI563J214092100	14.0	8.5	21.0	7.5	563	PEI563J418122400	17.5	11.5	23.5	9.0
683	PEI683J110061300	10.0	5.5	12.5	7.5	683	PEI683J214092100	14.0	8.5	21.0	7.5	683	PEI683J418122400	17.5	11.5	23.5	9.0
823	PEI823J111071300	11.0	6.5	12.5	7.5	823	PEI823J216102200	16.0	9.5	22.0	8.5	823	PEI823J419112500	19.0	11.0	24.5	12
104	PEI104J112071500	11.5	6.5	14.5	7.5	104	PEI104J217102200	16.5	9.5	22.0	8.5	104	PEI104J419112500	19.0	12.0	24.5	12
124	PEI124J113071700	12.5	7.0	16.5	8.0	124	PEI124J217112200	17.0	11	22	9.0	1000VDC					
154	PEI154J113071700	12.5	7.0	16.5	8.0	154	PEI154J217112200	17.0	11.0	22.0	10.5	102	PEI102JA06041200	5.5	3.5	11.5	4.0
184	PEI184J113081700	13.0	7.5	16.5	8.0	630VDC					122	PEI122JA06041200	5.5	3.5	11.5	4.0	
224	PEI224J114081800	14.0	8.0	17.5	9.0	102	PEI102J608051300	7.5	4.5	12.5	5.0	152	PEI152JA06041200	5.5	3.5	11.5	4.0
334	PEI334J116092000	16.0	8.5	19.5	10.1	122	PEI122J608051300	7.5	4.5	12.5	5.0	182	PEI182JA06041200	5.5	3.5	11.5	4.0
394	PEI394J116102200	16.0	10.0	21.5	10.0	152	PEI152J608051300	7.5	4.5	12.5	5.0	222	PEI222JA06041200	6.0	3.5	11.5	4.0
474	PEI474J116102200	16.0	10.0	21.5	10.0	182	PEI182J608051300	7.5	4.5	12.5	5.0	272	PEI272JA06041300	7.0	4.0	12.5	5.0
					222	PEI222J609051300	8.5	5.0	13.0	5.0	332	PEI332JA07041300	7.0	4.0	12.5	5.0	
					272	PEI272J609051400	9.0	5.0	13.5	5.0	392	PEI392JA08061400	8.0	5.5	13.5	5.5	
					332	PEI332J609051400	9.0	5.0	13.5	5.0	472	PEI472JA08061400	8.0	5.5	13.5	5.5	
					392	PEI392J609051400	9.0	5.0	13.5	5.0	562	PEI562JA08061500	8.0	6.0	14.5	5.5	
					472	PEI472J610061400	10.0	5.5	14.0	7.0	682	PEI682JA09061500	9.0	5.5	14.5	5.5	
					562	PEI562J610061500	10.0	6.0	15.0	7.0	822	PEI822JA09061500	9.0	5.5	15.0	5.5	
					682	PEI682J611061500	11.0	6.0	15.0	7.0	103	PEI103JA12081900	11.5	7.5	18.5	7.5	
					822	PEI822J611071500	11.0	6.5	15.0	7.0							
					103	PEI103J611081600	11.0	7.5	15.5	7.0							
					123	PEI123J611081600	11.0	7.5	15.5	7.0							
					153	PEI153J614081800	13.5	8.0	18.0	9.0							
					183	PEI183J614081800	13.5	8.0	18.0	9.0							
					223	PEI223J615091900	14.5	8.5	18.5	9.0							
					273	PEI273J615091900	14.5	8.5	18.5	9.0							
					333	PEI333J615091900	15.0	9.0	19.0	9.5							
					393	PEI393J615091900	15.0	9.0	19.0	9.5							
					473	PEI473J615091900	15.0	9.0	19.0	9.5							