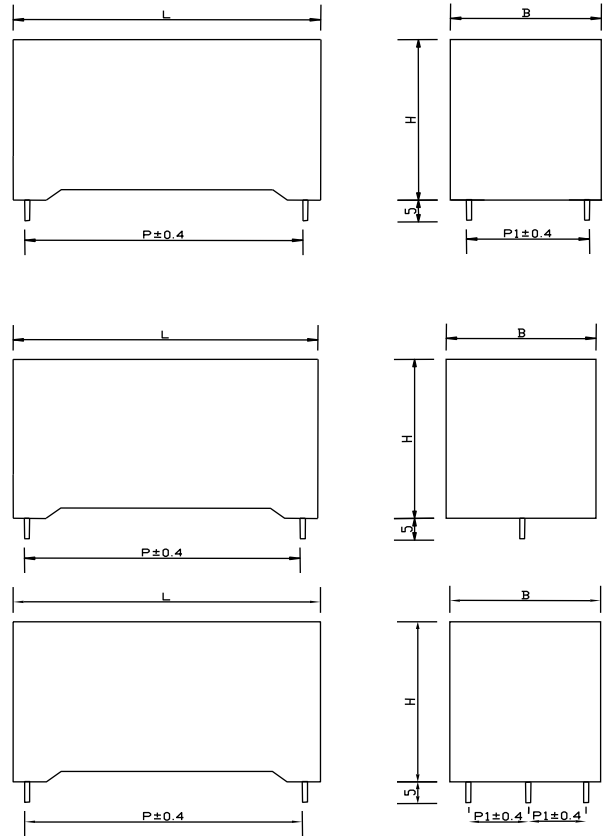


### 特点/ Features

- ◆ 聚丙烯薄膜介质
- ◆ 双面金属化薄膜与单面金属聚丙烯薄膜内串结构
- ◆ 高脉冲电流,高 dv/dt,具有自愈性
- ◆ 低损耗, 低自感
- ◆ 阻燃塑料外壳,环氧树脂封装 (94-V0)
- ◆ 镀锡铜线引出

### 技术性能 / Specifications

引用标准	IEC 61071, GB17702
使用温度范围	-40 to + 85°C(max hotspot≤70°C)
储存温度	-40 to + 85°C
容量范围	0.022 to 10μF
额定电压	700 to 3000 Vdc
电容量偏差	± 5%(J) ± 10%(K)
损耗角正切	<0.0005(1k Hz 20± 5°C)
绝缘电阻	30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C)
极间耐电压	1.5Ur (DC) applied for 10s at 25±5°C
极壳电压	3.0 KV 50Hz for 60 sec
预期寿命	100,000 hours at Un and 70°C



### 常用规格技术参数 General Electrical data

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@60°C @10kHz	ESR @10kHz (mΩ)
		L	T	H	P	d				
Ur 700Vdc Urms 380Vac, Upk 1000Vdc										
PTE700K0.22-*#	0.22	26.5	11.0	20.0	22.5	0.8	900	198	6.5	7.5
PTE700K0.22-*#	0.22	31.0	11.0	20.0	27.5	1.0	600	132	6.5	8.0
PTE700K0.33-*#	0.33	31.0	13.0	22.0	27.5	1.0	600	198	8.5	6.3
PTE700K0.47-*#	0.47	31.0	15.0	24.5	27.5	1.0	600	282	9.0	5.1
PTE700K0.68-*#	0.68	31.0	17.0	28.0	27.5	1.2	600	408	12.0	4.0
PTE700K1.0-*#	1.0	31.0	22.0	31.0	27.5	1.2	600	600	12.5	3.4
PTE700K1.0-*#	1.0	42.5	17.0	28.0	37.5	1.2	450	450	12.5	3.8
PTE700K1.5-*#	1.5	42.5	22.0	30.0	37.5	1.2	450	675	13.0	3.5
PTE700K2.0-*#	2.0	42.5	28.0	37.0	37.5	1.2	450	900	13.5	3.3
PTE700K2.2-*#	2.2	42.5	28.0	37.0	37.5	1.2	450	990	13.5	3.1
PTE700K3.0-*#	3.0	42.5	30.0	45.0	37.5	1.2	450	1350	13.5	2.9
PTE700K3.3-*#	3.3	42.5	30.0	45.0	37.5	1.2	450	1485	13.5	2.6
PTE700K4.0-*#	4.0	42.5	33.0	45.0	37.5	1.2	450	1800	14.0	2.3
PTE700K4.0-*#	4.0	57.5	30.0	45.0	52.5	1.2	300	1200	14.0	3.3
PTE700K4.7-*#	4.7	57.5	30.0	45.0	52.5	1.2	300	1410	14.0	3.0
PTE700K5.6-*#	5.6	57.5	35.0	50.0	52.5	1.2	300	1680	14.0	2.5
Ur 1000Vdc Urms 450Vac, Upk 1400Vdc										
PTE1000K0.068-*#	0.068	26.5	8.5	17.0	22.5	0.8	1200	81.6	2.3	14.0
PTE1000K0.1-*#	0.1	26.5	11.0	20.0	22.5	0.8	1200	120	5.0	10.0

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@60°C @10kHz	ESR @10kHz (mΩ)
		L	T	H	P	d				
Ur 700Vdc Urms 380Vac, Upk 1000Vdc										
PTE1000K0.15-*#	0.15	26.5	12.0	22.0	22.5	0.8	1200	180	6.5	7.5
PTE1000K0.15-*#	0.15	31.0	11.0	20.0	27.5	0.8	1000	150	6.5	8.3
PTE1000K0.22-*#	0.22	31.0	15.0	24.5	27.5	1.0	1000	220	9.0	6.8
PTE1000K0.33-*#	0.33	31.0	17.0	28.0	27.5	1.0	1000	330	12.0	5.7
PTE1000K0.47-*#	0.47	31.0	18.0	33.0	27.5	1.2	1000	470	14.0	4.1
PTE1000K0.47-*#	0.47	42.5	17.0	28.0	37.5	1.2	650	305	12.0	4.8
PTE1000K0.68-*#	0.68	42.5	22.0	30.0	37.5	1.2	650	442	12.0	4.2
PTE1000K1.0-*#	1.0	42.5	28.0	37.0	37.5	1.2	650	650	14.0	3.6
PTE1000K1.5-*#	1.5	42.5	30.0	45.0	37.5	1.2	650	975	14.0	3.1
PTE1000K2.0-*#	2.0	42.5	33.0	45.0	37.5	1.2	650	1300	14.0	2.5
PTE1000K2.0-*#	2.0	57.5	30.0	45.0	52.5	1.2	400	800	14.0	3.2
PTE1000K2.2-*#	2.2	57.5	30.0	45.0	52.5	1.2	400	880	14.0	2.6
PTE1000K0.15-*#	0.15	26.5	12.0	22.0	22.5	0.8	1200	180	6.5	7.5
PTE1000K0.15-*#	0.15	31.0	11.0	20.0	27.5	0.8	1000	150	6.5	8.3
PTE1000K3.0-*#	3.0	57.5	35.0	50.0	52.5	1.2	400	1200	14.0	2.4
PTE1000K3.3-*#	3.3	57.5	35.0	50.0	52.5	1.2	400	1320	14.0	2.2
Ur 1200Vdc Urms 500Vac, Upk 1600Vdc										
PTE1200K0.047-*#	0.047	26.5	8.5	17.0	22.5	0.8	1500	70.5	3.5	17.0
PTE1200K0.068-*#	0.068	26.5	10.0	18.5	22.5	0.8	1500	102	4.0	13.0
PTE1200K0.068-*#	0.068	31.0	9.0	18.0	27.5	0.8	1200	81.6	4.0	14.2
PTE1200K0.1-*#	0.1	26.5	12.0	22.0	22.5	0.8	1500	150	5.5	10.1
PTE1200K0.1-*#	0.1	31.0	11.0	20.0	27.5	0.8	1200	81.6	5.5	10.5
PTE1200K0.15-*#	0.15	31.0	13.0	22.0	27.5	1.0	1200	180	7.0	8.5
PTE1200K0.22-*#	0.22	31.0	15.0	24.5	27.5	1.0	1200	264	9.0	7.1
PTE1200K0.33-*#	0.33	31.0	18.0	33.0	27.5	1.2	1200	396	12.0	5.5
PTE1200K0.33-*#	0.33	42.5	15.0	26.0	37.5	1.2	850	280.5	12.0	5.5
PTE1200K0.47-*#	0.47	42.5	17.0	28.0	37.5	1.2	850	399.5	12.5	4.8
PTE1200K0.68-*#	0.68	42.5	22.0	30.0	37.5	1.2	850	578	14.0	4.0
PTE1200K1.0-*#	1.0	42.5	28.0	37.0	37.5	1.2	850	850	14.0	3.5
PTE1200K1.5-*#	1.5	42.5	30.0	45.0	37.5	1.2	850	1275	14.0	2.8
PTE1200K2.0-*#	2.0	57.5	30.0	45.0	52.5	1.2	450	900	14.0	3.0
PTE1200K2.2-*#	2.2	57.5	30.0	50.0	52.5	1.2	450	990	14.0	2.8
PTE1200K3.0-*#	3.0	57.5	35.0	50.0	52.5	1.2	450	1350	14.0	2.4
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc										
PTE1600K0.033-*#	0.033	26.5	8.5	17.0	22.5	0.8	1800	59.4	3.0	23.0
PTE1600K0.047-*#	0.047	26.5	10.0	18.5	22.5	0.8	1800	84.6	3.5	17.0
PTE1600K0.047-*#	0.047	31.0	9.0	18.0	27.5	0.8	1500	70.5	3.5	18.5
PTE1600K0.068-*#	0.068	26.5	12.0	22.0	22.5	0.8	1800	122.4	5.0	12.5

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@60°C @10kHz	ESR @10kHz (mΩ)
		L	T	H	P	d				
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc										
PTE1600K0.068-##	0.068	31.0	11.0	20.0	27.5	0.8	1500	102	5.0	14.5
PTE1600K0.1-##	0.1	31.0	13.0	22.0	27.5	0.8	1500	150	6.5	10.5
PTE1600K0.15-##	0.15	31.0	17.0	28.0	27.5	1.0	1500	225	8.0	7.5
PTE1600K0.22-##	0.22	31.0	18.0	33.0	27.5	1.2	1500	330	11.0	5.5
PTE1600K0.22-##	0.22	42.5	17.0	28.0	37.5	1.2	1000	220	10.0	6.8
PTE1600K0.33-##	0.33	42.5	22.0	30.0	37.5	1.2	1000	330	12.0	5.1
PTE1600K0.47-##	0.47	42.5	28.0	37.0	37.5	1.2	1000	470	14.0	4.5
PTE1600K0.68-##	0.68	42.5	28.0	37.0	37.5	1.2	1000	680	14.0	4.0
PTE1600K1.0-##	1.0	42.5	30.0	45.0	37.5	1.2	1000	1000	14.0	3.5
PTE1600K1.2-##	1.2	57.5	30.0	45.0	52.5	1.2	600	720	14.0	3.6
PTE1600K1.5-##	1.5	57.5	35.0	50.0	52.5	1.2	600	900	14.0	3.2
Ur 2000Vdc Urms 630Vac, Upk 2500Vdc										
PTE2000K0.022-##	0.022	26.5	8.5	17.0	22.5	0.8	2500	55	2.5	27.0
PTE2000K0.033-##	0.033	26.5	11.0	20.0	22.5	0.8	2500	82.5	3.5	22.0
PTE2000K0.033-##	0.033	31.0	11.0	20.0	27.5	0.8	2000	66	4.0	24.0
PTE2000K0.047-##	0.047	26.5	12.0	22.0	22.5	0.8	2500	117.5	4.5	15.0
PTE2000K0.047-##	0.047	31.0	11.0	20.0	27.5	0.8	2000	94	4.5	16.8
PTE2000K0.068-##	0.068	31.0	13.0	22.0	27.5	0.8	2000	136	5.5	12.5
PTE2000K0.1-##	0.1	31.0	15.0	24.5	27.5	1.0	2000	200	8.0	8.5
PTE2000K0.15-##	0.15	31.0	18.0	33.0	27.5	1.0	2000	300	11.0	6.5
PTE2000K0.15-##	0.15	42.5	15.0	26.0	37.5	1.2	1200	180	9.0	8.0
PTE2000K0.22-##	0.22	42.5	22.0	30.0	37.5	1.2	1200	264	12.0	5.5
PTE2000K0.33-##	0.33	42.5	28.0	37.0	37.5	1.2	1200	396	13.0	5.0
PTE2000K0.47-##	0.47	42.5	28.0	37.0	37.5	1.2	1200	564	14.0	4.0
PTE2000K0.68-##	0.68	42.5	33.0	45.0	37.5	1.2	1200	816	14.0	3.8
PTE2000K0.68-##	0.68	57.5	30.0	45.0	52.5	1.2	700	476	14.0	4.5
Ur3000Vdc Urms 700Vac, Upk 3500Vdc										
PTE3000K0.01-##	0.01	26.5	8.5	17.0	22.5	0.8	3500	35	2.5	45.5
PTE3000K0.01-##	0.01	31.0	9.0	18.0	27.5	0.8	3000	30	2.5	54.0
PTE3000K0.022-##	0.022	26.5	12.0	22.0	22.5	0.8	3500	77	3.0	33.0
PTE3000K0.022-##	0.022	31.0	11.0	20.0	27.5	0.8	3000	66	3.0	38.0
PTE3000K0.033-##	0.033	31.0	15.0	24.5	27.5	0.8	3000	99	5.0	19.0
PTE3000K0.047-##	0.047	31.0	18.0	33.0	27.5	0.8	3000	141	7.0	14.0
PTE3000K0.1-##	0.1	42.5	22.0	33.0	37.5	1.2	1800	180	10.0	9.6
PTE3000K0.22-##	0.22	42.5	30.0	45.0	37.5	1.2	1800	396	12.0	6.1
PTE3000K0.33-##	0.33	42.5	33.0	45.0	37.5	1.2	1800	594	14.0	5.6
PTE3000K0.33-##	0.47	57.5	33.0	50.0	52.5	1.2	1000	470	14.0	4.9

产品编码说明： PTE1200K0.47-EC

"E " = "E(2leads) ' F(4leads) ' H(6leads).. "

"C " = "A(P=22.5) ' B(P=27.5) ' C(P=37.5) ' D(P=52.5).. "##