

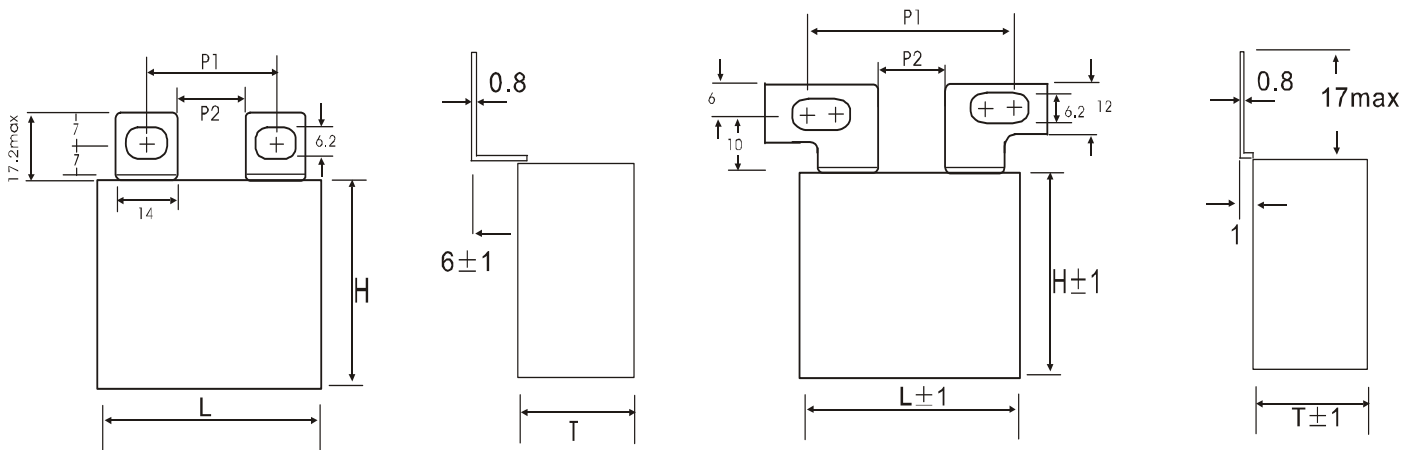
特点/ Features

- ◆ 聚丙烯薄膜介质
- ◆ 双面金属化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, 低电感
- ◆ 阻燃塑料外壳,环氧树脂封装 (94-V0)
- ◆ 镀锡铜片引出

Polypropylene film
 Extended double-side metalized carrier film
 with internal series connection and metalized film
 High pulse current. high dv/dt. Self healing
 Low loss Low inductance
 Resistant plastic case with resin sealing. (94-V0) ,
 Tinned copper lugs

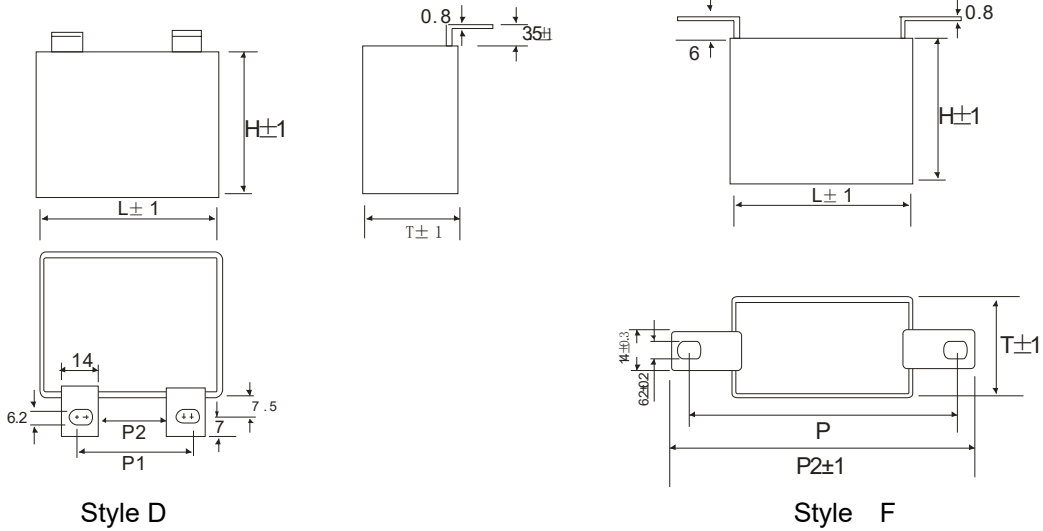
技术性能 / Specifications

引用标准	Reference standards :	IEC 61071, GB17702
使用温度范围	Operating temperature range	-40 to + 85°C(max hotspot≤70°C)
储存温度	Storage temperature	-40 to + 85°C
容量范围	Capacitance range	0.047 to 10μF
额定电压	Rated Voltage:	700 to 3000 Vdc
电容量偏差	Capacitance tolerance	± 5%(J) ± 10%(K)
损耗角正切	Dissipation factor:	<0.0005(1k Hz 20± 5°C)
绝缘电阻	Insulation resistance:	30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C)
极间耐电压	Test voltage between terminals :	1.5Ur (DC) applied for 10s at 25±5°C
极壳电压	Test voltage between terminals and case :	3.0 KV 50Hz for 60 sec
预期寿命	Life expectancy :	100,000 hours at Un and 70°C



外形图/Outline drawing

Style C			Style E			
Style	C1	C2	E1	E2		
	P1	P2	P1	P2	P1	P2
42.5	23-28	11	20-25	8	29-39	11
57.5	23-28	11	36-41	24	29-39	11



Style	D1		D2		D3		F1	
L	P1	P2	P1	P2	P1	P2	P	P2(max)
42.5	23-28	11	20-25	8			67-73	91
57.5	23-28	11	36-41	24	46-58	28	82-88	106

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				
Ur 700Vdc, Urms 380Vac, Upk 1000Vdc								
PTM700K1.0-#	1.0	42.5	24.5	27.5	325	325	15.0	3.9
PTM700K1.2-#	1.2	42.5	24.5	27.5	325	390	16.0	3.5
PTM700K1.5-#	1.5	42.5	22.0	30.0	325	487	18.0	3.0
PTM700K2.0-#	2.0	42.5	28.0	37.0	325	650	21.5	2.5
PTM700K2.2-#	2.2	42.5	28.0	37.0	325	715	22.0	2.4
PTM700K2.5-#	2.5	42.5	28.0	37.0	325	812	22.5	2.2
PTM700K3.0-#	3.0	42.5	30.0	45.0	325	975	25.5	2.1
PTM700K3.3-#	3.3	42.5	30.0	45.0	325	1072	26.0	2.1
PTM700K3.5-#	3.5	42.5	30.0	45.0	325	1134	26.5	2.0
PTM700K4.0-#	4.0	42.5	33.0	45.0	325	1300	32.0	1.8
PTM700K4.7-#	4.7	57.5	30.0	45.0	220	1034	30.5	2.1
PTM700K5.0-#	5.0	57.5	30.0	45.0	220	1100	30.5	1.9
PTM700K5.6-#	5.6	57.5	35.0	50.0	220	1232	32.0	1.5
PTM700K6.8-#	6.8	57.5	35.0	50.0	220	1496	32.0	1.4
PTM700K10-#	10	57.5	42.5	56.0	220	2200	33.0	1.3
Ur 1000Vdc, Urms 480Vac, Upk 1400Vdc								
PTM1000K0.68-#	0.68	42.5	24.5	27.5	480	326.4	15	6.2
PTM1000K1.0-#	1.0	42.5	28.0	37.0	480	480	17	3.8
PTM1000K1.2-#	1.2	42.5	33.5	35.5	480	576	20	3.2
PTM1000K1.5-#	1.5	42.5	33.5	35.5	480	720	23	2.9
PTM1000K2.0-#	2.0	42.5	33.0	45.0	480	960	26	2.3
PTM1000K2.2-#	2.2	57.5	30.0	45.0	350	770	26	2.8
PTM1000K2.5-#	2.5	57.5	30.0	45.0	350	875	28	2.6
PTM1000K3.0-#	3.0	57.5	35.0	50.0	350	1050	31	2.4
PTM1000K3.3-#	3.3	57.5	30.0	45.0	350	1155	31	2.1
PTM1000K4.7-#	4.7	57.5	42.5	56.0	350	1750	33	1.6

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				
Ur 1200Vdc, Urms 500Vac, Upk 1600Vdc								
PTM1200K0.22-*#	0.22	42.5	24.5	27.5	650	143	11	16
PTM1200K0.33-*#	0.33	42.5	24.5	27.5	650	210	12	12
PTM1200K0.47-*#	0.47	42.5	24.5	27.5	650	308	14	8.4
PTM1200K0.56-*#	0.56	42.5	24.5	27.5	650	364	14.5	7.1
PTM1200K0.68-*#	0.68	42.5	33.5	35.5	650	422	18.5	5.8
PTM1200K0.82-*#	0.82	42.5	33.5	35.5	650	533	20	4.9
PTM1200K1.0-*#	1.0	42.5	33.5	35.5	650	650	20.5	3.4
PTM1200K1.2-*#	1.2	42.5	33.0	45.0	650	780	23	3.1
PTM1200K1.5-*#	1.5	42.5	33.0	45.0	650	975	25	2.8
PTM1200K2.0-*#	2.0	57.5	30.0	45.0	450	950	27	3.0
PTM1200K2.2-*#	2.2	57.5	30.0	45.0	450	990	30	2.7
PTM1200K2.5-*#	2.5	57.5	35.0	50.0	450	1125	31	2.5
PTM1200K3.0-*#	3.0	57.5	35.0	50.0	450	1350	32	2.3
PTM1200K4.7-*#	4.7	57.5	42.5	56.0	450	2115	34	1.5
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc								
PTM1600K0.33-*#	0.33	42.5	24.5	27.5	850	280.5	13	11
PTM1600K0.47-*#	0.47	42.5	33.5	35.5	850	399.5	18	8.1
PTM1600K0.56-*#	0.56	42.5	33.5	35.5	850	476	19	7.2
PTM1600K0.68-*#	0.68	42.5	33.5	35.5	850	578	20	5.9
PTM1600K0.82-*#	0.82	42.5	33.5	35.5	850	697	21	4.8
PTM1600K1.0-*#	1.0	57.5	30.0	45.0	850	850	22	5.5
PTM1600K1.2-*#	1.2	57.5	30.0	45.0	650	780	25	4.0
PTM1600K1.5-*#	1.5	57.5	35.0	50.0	650	975	28	3.6
PTM1600K2.0-*#	2.0	57.5	42.5	56.0	650	1300	30	2.7
Ur 2000Vdc Urms 630Vac, Upk 2500Vdc								
PTM2000K0.1-*#	0.1	42.5	24.5	27.5	1000	100	8	31
PTM2000K0.15-*#	0.15	42.5	24.5	27.5	1000	150	10	22
PTM2000K0.22-*#	0.22	42.5	24.5	27.5	1000	220	12	15
PTM2000K0.33-*#	0.33	42.5	33.5	35.5	1000	330	16	10.6
PTM2000K0.47-*#	0.47	42.5	33.0	45.0	1000	470	20	7.4
PTM2000K0.56-*#	0.56	42.5	33.0	45.0	1000	560	21	6.3
PTM2000K0.68-*#	0.68	57.5	30.0	45.0	700	476	22	6.6
PTM2000K0.82-*#	0.82	57.5	30.0	45.0	700	574	24	5.8
PTM2000K1.0-*#	1.0	57.5	35.0	50.0	700	700	27	4.7
PTM2000K1.8-*#	1.8	57.5	42.5	56.0	700	1260	31	3.0
Ur 3000Vdc Urms 750Vac, Upk 3500Vdc								
PTM3000K0.047-*#	0.047	42.5	24.5	27.5	1500	70.5	7	71
PTM3000K0.068-*#	0.068	42.5	24.5	27.5	1500	102	9	42
PTM3000K0.1-*#	0.1	42.5	33.5	35.5	1500	150	12	29
PTM3000K0.15-*#	0.15	42.5	33.5	35.5	1500	225	14	19
PTM3000K0.22-*#	0.22	42.5	33.0	45.0	1500	330	16	14
PTM3000K0.33-*#	0.33	57.5	30.0	45.0	800	264	21	12
PTM3000K0.47-*#	0.47	57.5	35.0	50.0	800	376	22	8.5

编码/Part Number PTM1200K0.47-*# "*" = style "C1.C2. D1.D2..."

可按客户要求定制/Customized products are available upon request