

特点/ Features

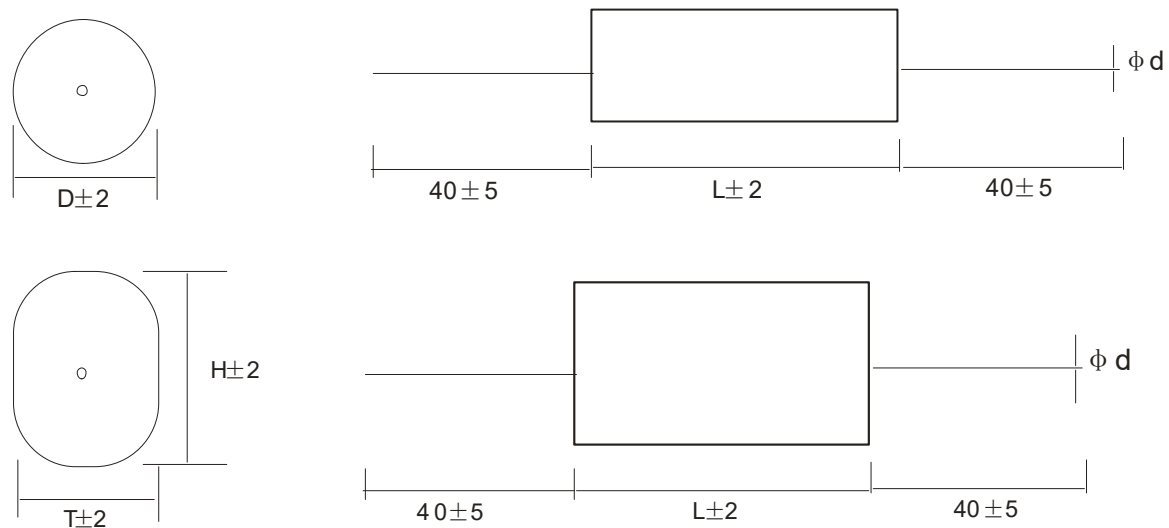
- ◆聚丙烯薄膜介质
- ◆双面金属化薄膜与单面金属聚丙烯薄膜内串结构
- ◆高脉冲电流,高 dv/dt,具有自愈性
- ◆低损耗, 低自感
- ◆迈拉胶带,环氧树脂封装 (94-V0)
- ◆镀锡铜线引出

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
 Polyester tape wrapping. Epoxy fill (94-V0) ,
 Tinned copper wire.

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	0.01 to 8.2μF
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



常用规格技术参数 General Electrical data

Part Number	CAP	Dimension (mm)					du/dt	Ipeak	Irms	ESR @10
	μF	L	D	T	H	d	v/μs	A	max@60°C	kHz
									@10kHz	(mΩ)
Ur 700Vdc Urms 380Vac, Upk 1000Vdc										
PTS700K0.33-* -#	0.33	32.0	14.5	9.5	17.5	0.8	480	158	6.0	11.8
PTS700K0.47-* -#	0.47	32.0	16.5	12.0	20.0	0.8	480	226	8.0	8.6
PTS700K0.68-* -#	0.68	32.0	20.0	15.0	23.0	1.0	480	326	9.0	5.9
PTS700K1.0-* -#	1.0	44.0	19.0	14.0	22.0	1.2	320	320	10.0	4.6
PTS700K1.5-* -#	1.5	44.0	23.0	16.5	27.5	1.2	320	480	11.0	3.7
PTS700K2.0-* -#	2.0	44.0	26.0	20.0	31.0	1.2	320	640	11.0	2.9
PTS700K2.2-* -#	2.2	44.0	27.0	21.0	32.0	1.2	320	704	11.0	2.6
PTS700K2.5-* -#	2.5	44.0	29.0	22.5	33.5	1.2	320	800	12.0	2.4
PTS700K3.0-* -#	3.0	44.0	31.5	25.0	36.0	1.2	320	960	13.0	2.2
PTS700K3.5-* -#	3.5	57.0	28.5	22.0	33.0	1.2	240	840	14.0	2.8
PTS700K4.7-* -#	4.7	57.0	32.5	26.0	37.0	1.2	240	1128	14.0	2.1
Ur 1000Vdc Urms 480Vac, Upk 1400Vdc										
PTS1000K0.1-* -#	0.1	32.0	11.0	8.0	12.5	0.8	850	85	5.0	39.8
PTS1000K0.15-* -#	0.15	32.0	13.0	9.0	15.5	0.8	850	128	6.0	26.6
PTS1000K0.22-* -#	0.22	32.0	15.5	11.0	19.0	1.0	850	187	7.0	18.0
PTS1000K0.33-* -#	0.33	32.0	18.5	14.0	22.0	1.0	850	281	9.0	12.5
PTS1000K0.47-* -#	0.47	32.0	22.0	16.0	27.0	1.0	850	400	9.0	8.4
PTS1000K0.68-* -#	0.68	44.0	21.0	14.5	26.0	1.0	550	374	10.0	5.8
PTS1000K1.0-* -#	1.0	44.0	25.0	18.5	30.0	1.2	550	550	12.0	3.9
PTS1000K1.5-* -#	1.5	44.0	30.5	24.0	35.0	1.2	550	825	12.0	3.2
PTS1000K2.0-* -#	2.0	57.0	29.0	22.5	34.0	1.2	340	680	12.5	3.3
PTS1000K2.2-* -#	2.2	57.0	30.5	24.0	35.0	1.2	340	748	12.5	2.9
PTS1000K3.0-* -#	3.0	57.0	35.5	28.5	40.0	1.2	340	1020	13.0	2.5
PTS1000K3.3-* -#	3.3	57.0	37.0	33.0	40.0	1.2	340	1122	13.5	2.3
PTS1000K4.7-* -#	4.7	57.0	44.0	37.0	78.0	1.2	340	1598	14.0	2.1
Ur 1200Vdc Urms 500Vac, Upk 1600Vdc										
PTS1200K0.068-* -#	0.068	32	10.0	7.0	11.5	0.8	1200	81.6	4.0	46.8
PTS1200K0.1-* -#	0.1	32.0	11.5	8.5	13.5	0.8	1200	120	5.0	30.0
PTS1200K0.15-* -#	0.15	32.0	14.5	9.5	17.5	1.0	1200	180	6.0	24.5
PTS1200K0.22-* -#	0.22	32.0	17.0	12.5	20.5	1.0	1200	264	9.0	18.0
PTS1200K0.33-* -#	0.33	32.0	20.5	15.5	23.5	1.0	1200	396	9.0	8.3
PTS1200K0.47-* -#	0.47	44.0	22.5	14.5	22.5	1.0	650	306	10.0	5.5
PTS1200K0.68-* -#	0.68	44.0	23.0	16.5	27.5	1.2	650	442	11.0	5.7
PTS1200K1.0-* -#	1.0	44.0	27.5	21.0	32.5	1.2	650	650	12.0	3.8
PTS1200K1.5-* -#	1.5	44.0	33.5	27.0	38.0	1.2	650	5975	12.0	2.7
PTS1200K2.0-* -#	2.0	57.0	32.0	25.5	36.5	1.2	380	760	12.5	3.2
PTS1200K2.2-* -#	2.2	57.0	33.5	27.0	38.0	1.2	380	836	12.5	2.9
PTS1200K3.3-* -#	3.3	57.0	41.0			1.2	380	1254	13.5	2.2

常用规格技术参数 General Electrical data

Part Number	CAP	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@60°C @10kHz	ESR @10k Hz (mΩ)
		L	D	T	H	d				
	μF									
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc										
PTS1600K0.047-* -#	0.047	32.0	11.5	7.5	13.5	0.8	1300	61.1	4.0	64.3
PTS1600K0.068-* -#	0.068	32.0	12.5	8.5	17.0	0.8	1300	84.4	4.0	46.0
PTS1600K0.1-* -#	0.1	32.0	16.0	11.0	19.0	0.8	1300	130	5.5	29.6
PTS1600K0.15-* -#	0.15	32.0	19.0	14.5	22.5	1.0	1300	195	7.5	24.0
PTS1600K0.22-* -#	0.22	32.0	23.0	16.5	28.5	1.0	1300	286	9.0	17.3
PTS1600K0.33-* -#	0.33	44.0	22.0	15.5	26.5	1.0	850	280.5	9.0	11.1
PTS1600K0.47-* -#	0.47	44.0	26.0	19.5	32.5	1.2	850	399.5	10.0	7.7
PTS1600K0.68-* -#	0.68	44.0	31.0	24.5	35.5	1.2	850	578	11.0	5.3
PTS1600K1.0-* -#	1.0	44.0	37.5	31	42.0	1.2	850	850	12.0	3.7
PTS1600K1.2-* -#	1.2	57.0	34.0	27.5	38.5	1.2	600	720	12.0	3.3
PTS1600K1.5-* -#	1.5	57.0	38.0	31.0	42.0	1.2	600	900	12.5	3.1
PTS1600K2.0-* -#	2.0	57.0	43.5	37.0	48.0	1.2	600	1200	13.0	2.8
Ur 2000Vdc Urms 630Vac, Upk 2500Vdc										
PTS2000K0.022-* -#	0.022	32.0	10.5	5.5	12.0	0.8	2000	44	2.5	131
PTS2000K0.033-* -#	0.033	32.0	11.0	7.0	13.5	0.8	2000	66	3.5	87.0
PTS2000K0.047-* -#	0.047	32.0	12.5	8.0	16.5	0.8	2000	94	4.5	61.0
PTS2000K0.068-* -#	0.068	32.0	15	10.5	18.5	0.8	2000	136	5.5	42.2
PTS2000K0.1-* -#	0.1	32.0	18.0	13.0	21.5	1.0	2000	200	7.5	28.7
PTS2000K0.15-* -#	0.15	44.0	17.0	12.5	20.5	1.0	1200	180	9.0	26.5
PTS2000K0.22-* -#	0.22	44.0	20.5	15.5	23.5	1.0	1200	264	9.0	18.2
PTS2000K0.33-* -#	0.33	44.0	24.5	18.5	30.0	1.2	1200	396	11.0	10.8
PTS2000K0.47-* -#	0.47	44.0	30.0	23.5	34.5	1.2	1200	564	12.0	7.5
PTS2000K0.68-* -#	0.68	57.0	29.0	23.0	34.0	1.2	700	476	12.0	5.8
PTS2000K1.0-* -#	1.0	57.0	35.0	29.0	40.0	1.2	700	700	12.5	4.5
Ur 3000Vdc Urms750Vac, Upk 3500Vdc										
PTS3000K0.01-* -#	0.01	32	11.0	6.0	12.5	0.8	3000	30	2.0	271.0
PTS3000K0.022-* -#	0.022	32	13.0	8.5	16.5	0.8	3000	66	4.0	123.0
PTS3000K0.033-* -#	0.033	32	16.0	11.0	19.0	1.0	3000	99	5.0	83.0
PTS3000K0.047-* -#	0.047	32	18.5	14.0	21.5	1.0	3000	141	6.0	58.0
PTS3000K0.068-* -#	0.068	44	17.5	12.5	21.0	1.0	1600	108.8	8.0	53.9
PTS3000K0.1-* -#	0.1	44	21.0	14.5	26.0	1.2	1600	160	11.0	36.6
PTS3000K0.22-* -#	0.22	44	30.5	24.0	35.0	1.2	1600	352	12.0	17.9
PTS3000K0.33-* -#	0.33	57	30.5	24.0	35.5	1.2	1000	330	12.0	12.1
PTS3000K0.47-* -#	0.47	57	37.0	30.0	41.0	1.2	1000	470	12.0	8.7

编码/Part Number: PTS1200K0.47-O-44 "O" = O for oval F for flat"

"44" = Length

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