

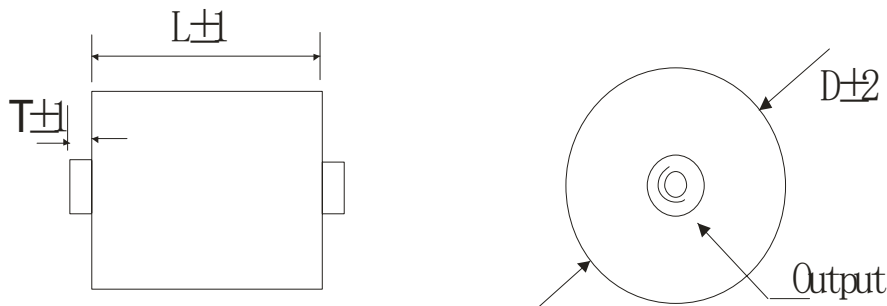
特点/ Features

- ◆ 聚丙烯薄膜介质 Polypropylene film
- ◆ 金属化聚丙烯薄膜内串结构 Metalized polypropylene film with internal series connection
- ◆ 高电压,高 dv/dt,具有自愈性 High voltage. .high dv/dt. Self healing
- ◆ 低损耗, 低自感 Low loss Low inductance
- ◆ 迈拉胶带,环氧树脂封装 (94-V0) Polyester tape wrapping. Epoxy fill (94-V0) ,
- ◆ 镀锡铜螺母 Tinned copper.screw

技术性能 / Specifications

引用标准	Reference standards :	IEC 61071, GB17702
使用温度范围	Opearing 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	0.022 to 3.0μF
额定电压	Rated Voltage:	4K to 30K 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 :	$U_r/\sqrt{2}+1000V$ 50/60Hz 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 μF	Dimension (mm)				du/dt v/μs	Ipeak A	ESR@10 KHz (mΩ)	Ls nH
		L	D	T	Output				
Un4000Vdc Urms 1600Vac									
PGT4000K0.68#	0.68	50	50	5.0	M6*8	1000	680	3.8	25
PGT4000K0.75#	0.75	50	52	5.0	M6*8	1000	750	3.3	25
PGT4000K1.0#	1.0	50	60	5.0	M6*8	1000	1000	2.8	25
PGT4000K1.5#	1.5	50	73	5.0	M6*8	1000	1500	2.1	25
PGT4000K2.0#	2.0	50	84	5.0	M8*8	750	1500	1.6	25
PGT4000K2.5#	2.5	64	70	5.5	M8*8	750	1875	1.9	25
PGT4000K3.0#	3.0	64	76	5.5	M8*8	750	2250	1.5	25

常用规格技术参数 General Electrical data

Part Number	CAP μF	Dimension (mm)				du/dt v/μs	Ipeak A	ESR@10 KHz (mΩ)	Ls nH
		L	D	T	Output				
Un5000Vdc Urms 2000Vac									
PGT5000KK0.5#	0.5	50	53	5.0	M6*8	1100	550	5.1	25
PGT5000KK0.68#	0.68	50	62	5.0	M6*8	1100	748	3.7	25
PGT5000KK0.75#	0.75	50	65	5.0	M6*8	1100	825	3.2	25
PGT5000KK1.0#	1.0	50	74	5.0	M6*8	1100	1100	2.7	25
PGT5000KK1.2#	1.2	50	81	5.0	M8*8	1100	1320	2.4	25
PGT5000KK1.5#	1.5	50	90	5.0	M8*8	1100	1650	1.9	25
PGT5000KK2.0#	2.0	50	102	5.0	M8*8	1100	2200	1.4	25
Un8000Vdc Urms 3200Vac									
PGT8000K0.33#	0.33	80	49	5.0	M6*8	1400	462	8.1	25
PGT8000K0.5#	0.50	80	60	5.0	M6*8	1400	700	4.9	25
PGT8000K0.68#	0.68	80	70	5.0	M6*8	1400	952	3.5	25
PGT8000K0.75#	0.75	80	73	5.0	M6*8	1400	825	3.0	25
PGT8000K0.82#	0.82	110	57	5.0	M6*8	1100	902	3.3	25
PGT8000K1.0#	1.0	110	63	4.5	M6*8	1100	1100	2.7	25
PGT8000K1.5#	1.5	110	76	4.5	M6*8	1100	1650	2.0	25
Un10000Vdc Urms 4000Vac									
PGT10000K0.33#	0.33	98	55	5.0	M6*8	1600	528	7.7	25
PGT10000K0.5#	0.50	98	67	5.0	M6*8	1600	800	5.0	25
PGT10000K0.68#	0.68	98	77	5.0	M6*8	1600	1088	3.8	25
PGT10000K0.75#	0.75	98	81	5.0	M8*8	1600	1200	3.4	25
PGT10000K1.0#	1.0	140	70	5.0	M8*8	1200	1200	2.7	25
PGT10000K1.2#	1.20	140	102	4.5	M8*8	1200	1440	2.4	25
Un 12000vdc Urms 4800Vac									
PGT12000K0.22#	0.22	110	49	5.0	M6*8	1750	385	11	25
PGT12000K0.33#	0.33	110	60	5.0	M6*8	1750	578	7.2	25
PGT12000K0.5#	0.50	110	73	5.0	M6*8	1750	875	4.7	25
PGT12000K0.68#	0.68	110	84	5.0	M8*8	1750	1190	3.6	25
PGT12000K0.75#	0.75	110	89	5.0	M8*8	1750	1313	3.2	25
PGT12000K1.0#	1.0	110	102	5.0	M8*8	1750	1750	2.4	25
Un 20000vdc Urms 6600Vac									
PGT20000K0.068#	0.068	130	45	5.0	M6*8	2800	190.4	37.4	25
PGT20000K0.1#	0.1	130	54	5.0	M6*8	2800	280	23.8	25
PGT20000K0.15#	0.15	130	65	5.0	M6*8	2800	420	15.9	25
PGT20000K0.22#	0.22	130	79	5.0	M8*8	2800	616	10.8	25
PGT20000K0.33#	0.33	130	95	5.0	M8*8	2800	924	6.9	25

常用规格技术参数 General Electrical data

Part Number	CAP μ F	Dimension (mm)				du/dt v/ μ s	Ipeak A	ESR@10 KHz (m Ω)	Ls nH
		Un 30000vdc	Urms 10000Vac						
PGT30000K0.022#	0.022	120	47	5.0	M6*8	6000	132	120	25
PGT30000K0.033#	0.033	120	58	5.0	M6*8	6000	198	73	25
PGT30000K0.047#	0.047	120	68	5.0	M6*8	6000	282	50.8	25
PGT30000K0.068#	0.068	160	54	5.0	M6*8	4000	272	35	25
PGT30000K0.082#	0.082	160	59	5.0	M6*8	4000	328	31	25
PGT30000K0.1#	0.1	160	64	5.0	M6*8	4000	400	23	25
PGT30000K0.15#	0.15	160	78	5.0	M8*8	4000	600	14.8	25
PGT30000K0.22#	0.22	160	95	5.0	M8*8	4000	880	9.9	25

编码/Part Number PGT5000K.2.0-M6 "M6" = Out put "M6 or M8"

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