

特点/ Features

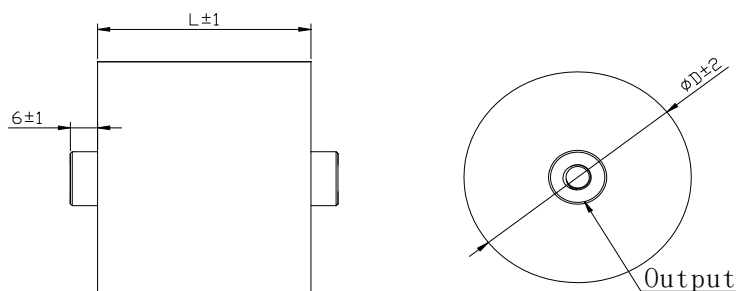
- ◆聚丙烯薄膜介质
- ◆金属化聚丙烯薄膜内串结构
- ◆高电压,高 dv/dt,具有自愈性
- ◆低损耗, 低自感
- ◆迈拉胶带,环氧树脂封装 (94-V0)
- ◆镀锡铜螺母

Polypropylene film
Metalized polypropylene film with internal series connection
High voltage. .high dv/dt. Self healing
Low loss Low inductance
Polyester tape wrapping. Epoxy fill (94-V0) ,
Tinned copper.screw

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	0.04 to 6.0μF
额定电压	Rated Voltage:	1200v to5000Vdc
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
预期寿命	Life expectancy :	100,000 hours at Un and 70°C

外形尺寸图:



常用规格技术数 General Electrical data

Part Number	CAP μF	Dimension (mm)				du/dt	Ipeak	ESR@	Irms@25C
		L	D	T	Output	v/μs	A	10kHz	@10kHz
Un1200Vdc Urms 500Vac									
PTR1200K1.0-* -#	1	37	35	5.0	M6	1100	1100	4.0	30
PTR1200K1.5-* -#	1.5	37	42	5.0	M6	1100	1650	2.7	35
PTR1200K2.0-* -#	2	37	48	5.0	M6	900	1800	2.0	40
PTR1200K2.5-* -#	2.2	37	50	5.0	M6	900	1980	1.9	43
PTR1200K3.0-* -#	3	37	58	5.0	M6	800	2400	1.8	47
PTR1200K3.3-* -#	3.3	37	61	5.0	M6	800	2640	1.7	50
PTR1200K4.0-* -#	4	37	67	5.0	M6	600	2400	1.6	56

Part Number	CAP	Dimension (mm)				du/dt	Ipeak	ESR@	Irms@25C
	μF	L	D	T	Output	v/μs	A	10kHz	@10kHz
Un1200Vdc Urms 500Vac									
PTR1200K4.7- *-#	4.7	37	73	5.0	M6	600	2820	1.5	62
PTR1200K5.0- *-#	5	37	76	5.5	M6	600	3000	1.4	65
PTR1200K6.0- *-#	6	37	82	5.5	M6	600	3600	1.2	75
Un2000Vdc Urms 750Vac									
PTR2000K0.22- *-#	0.22	37	38	5.0	M6	1500	330	15.0	27
PTR2000K0.3- *-#	0.3	37	38	5.0	M6	1500	450	10.6	30
PTR2000K0.33- *-#	0.33	37	38	5.0	M6	1500	495	9.6	32
PTR2000K0.4- *-#	0.4	37	43	5.0	M6	1500	600	7.9	36
PTR2000K0.44- *-#	0.44	37	45	5.0	M6	1500	660	7.2	38
PTR2000K0.47- *-#	0.47	37	46	5.0	M6	1500	705	6.8	40
PTR2000K0.60- *-#	0.6	37	51	5.0	M6	1500	900	6.5	45
PTR2000K0.7- *-#	0.7	37	55	5.0	M6	1500	1050	5.7	48
PTR2000K0.9- *-#	0.9	37	62	5.0	M6	1100	990	4.4	52
PTR2000K1.0- *-#	1.0	37	65	5.0	M6	1100	1100	3.9	55
Un3000Vdc Urms 1200Vac									
PTR3000K0.2- *-#	0.2	40	43	5.0	M6	1800	360	15.0	32
PTR3000K0.3- *-#	0.3	40	52	5.0	M6	1800	540	10.0	38
PTR3000K0.4- *-#	0.4	40	60	5.0	M6	1800	720	7.6	50
PTR3000K0.44- *-#	0.44	40	62	5.0	M6	1800	792	7.1	53
PTR3000K0.47- *-#	0.47	40	65	5.0	M6	1500	705	6.5	57
PTR3000K0.6- *-#	0.6	40	73	5.0	M6	1500	900	5.3	65
PTR3000K0.65- *-#	0.65	40	76	5.5	M6	1500	975	4.8	70
PTR3000K0.7- *-#	0.7	40	79	5.5	M6	1500	1050	4.5	80
Un5000Vdc Urms 2000Vac									
PTR5000K0.04- *-#	0.04	54	46	5.0	M6	3000	120	71.6	20
PTR5000K0.06- *-#	0.06	54	51	5.0	M6	3000	180	47.7	26
PTR5000K0.08- *-#	0.08	54	58	5.0	M6	3000	240	35.8	34
PTR5000K0.12- *-#	0.12	54	58	5.0	M6	3000	360	23.9	42
PTR5000K0.14- *-#	0.14	54	63	5.5	M6	3000	420	20.5	48
PTR5000K0.2- *-#	0.2	54	74	5.5	M8	3000	600	14.3	65
PTR5000K0.22- *-#	0.22	54	78	5.5	M8	3000	660	13.0	70

产品编码说明: PTR5000K0.08-M6-54 "M6" = "M6 or M8" 54="Length"