

特点/ Features

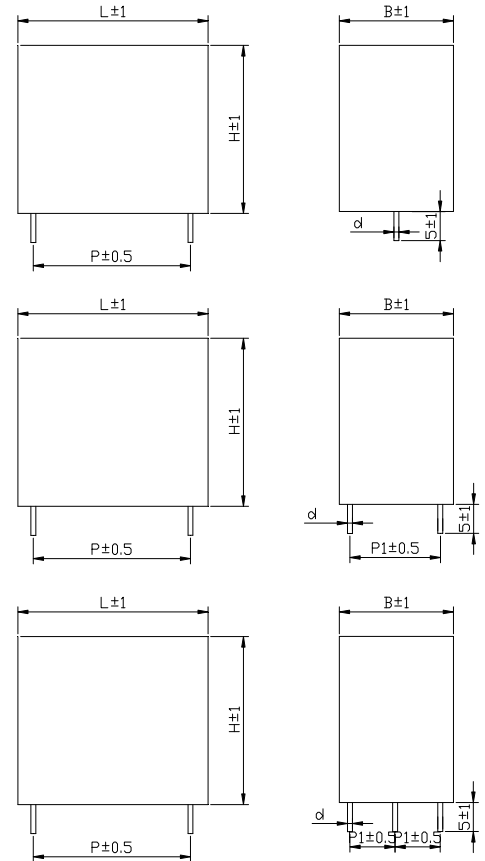
- ◆ 金属化聚丙烯薄膜
- ◆ 低损耗, 低自感
- ◆ 阻燃塑料外壳, 环氧树脂封装 (94-V0)
- ◆ 镀锡铜线引出

技术性能 / Specifications

引用标准	IEC 61071,
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	6 to 65μF
额定电压	500 to 1100 Vdc
电容量偏差	± 5%(J) ± 10%(K)
绝缘电阻	≥ 5000 s 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

Tinned copper wire, 2 leads or 4 leads, lead-free

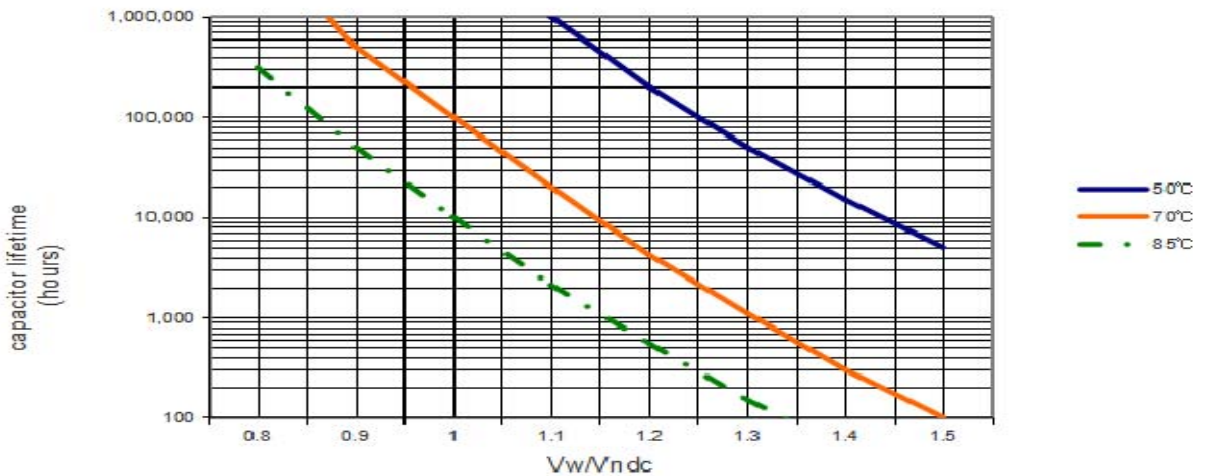
Outline drawing



PROTECTION AGAINST OVERVOLTAGES

1.1 × Un	30% of the service period
1.15 × Un	30 min/d
1.2 × Un	5 min/d
1.3 × Un	1 min/d
1.5 × Un	100 ms no more than 1000 times

EXPECTED LIFE



常用规格技术参数 **General Electrical data**

Part Number	CAP μF	Dimension (mm)						du/dt v/μs	I _{rms} @25°C @10kHz	ESR@ 1.0kHz
		L	T	H	P	P1	d			
Un 500Vdc										
PTC500K16-*#	16	42.5	22.0	30.0	37.5		1.2	20	10.0	7.0
PTC500K25-*#	25	42.5	28.0	37.0	37.5		1.2	20	12.0	4.2
PTC500K25-*#	25	42.5	28.0	37.0	37.5	10.0	1.2	20	14.0	4.2
PTC500K35-*#	35	42.5	30.0	45.0	37.5		1.2	20	12.0	3.0
PTC500K35-*#	35	42.5	30.0	45.0	37.5	20.0	1.2	20	17.0	2.5
PTC500K40-*#	40	42.5	33.0	45.0	37.5		1.2	20	12.0	2.8
PTC500K40-*#	40	42.5	33.0	45.0	37.5	20.0	1.2	20	19.0	2.4
PTC500K50-*#	50	57.5	30.0	45.0	52.5		1.2	13	12.0	4.0
PTC500K50-*#	50	57.5	30.0	45.0	52.5	20.0	1.2	13	17.0	3.5
PTC500K65-*#	65	57.5	35.0	50.0	52.5		1.2	13	12.0	3.3
PTC500K65-*#	65	57.5	35.0	50.0	52.5	20.0	1.2	13	20.0	2.7
Un 700Vdc										
PTC700K15-*#	15	42.5	22.0	30.0	37.5		1.2	22	10.0	8.0
PTC700K22-*#	22	42.5	28.0	37.0	37.5		1.2	22	12.0	5.5
PTC700K22-*#	22	42.5	28.0	37.0	37.5	10.0	1.2	22	12.0	5.2
PTC700K30-*#	30	42.5	30.0	45.0	37.5		1.2	22	12.0	4.0
PTC700K30-*#	30	42.5	30.0	45.0	37.5	20.0	1.2	22	15.0	3.5
PTC700K35-*#	35	42.5	33.0	45.0	37.5		1.2	22	12.0	3.5
PTC700K45-*#	45	57.5	30.0	45.0	52.5		1.2	15	12.0	5.3
PTC700K45-*#	45	57.5	30.0	45.0	52.5	20.0	1.2	15	20.0	3.5
PTC700K55-*#	55	57.5	35.0	50.0	52.5		1.2	15	12.0	4.3
PTC700K55-*#	55	57.5	35.0	50.0	52.5	20.0	1.2	15	22.0	2.8
Un 900Vdc										
PTC900K10-*#	10	42.5	22.0	30.0	37.5		1.2	30	8.0	9.5
PTC900K15-*#	15	42.5	28.0	37.0	37.5		1.2	30	11.0	6.5
PTC900K15-*#	15	42.5	28.0	37.0	37.5	10.0	1.2	30	11.0	6.0
PTC900K20-*#	20	42.5	30.0	45.0	37.5		1.2	30	12.0	5.0
PTC900K20-*#	20	42.5	30.0	45.0	37.5	20.0	1.2	30	13.0	4.5
PTC900K30-*#	30	57.5	30.0	45.0	52.5		1.2	20	12.0	6.3
PTC900K30-*#	30	57.5	30.0	45.0	52.5	20.0	1.2	20	16.0	5.9
PTC900K40-*#	40	57.5	35.0	50.0	52.5		1.2	20	12.0	4.9
PTC900K40-*#	40	57.5	35.0	50.0	52.5	20.0	1.2	20	20.0	4.5
PTC900K55-*#	55	57.5	42.5	56.0	52.5	20.0	1.2	20	22.0	3.1
Un 1100Vdc										
PTC1100K10-*#	10	42.5	22.0	30.0	37.5		1.2	40	6.0	13.0
PTC1100K10-*#	10	42.5	28.0	37.0	37.5		1.2	40	10.0	8.0
PTC1100K10-*#	10	42.5	28.0	37.0	37.5	10.0	1.2	40	10.0	7.5
PTC1100K15-*#	15	42.5	33.0	45.0	37.5		1.2	40	12.0	5.5
PTC1100K15-*#	15	42.5	33.0	45.0	37.5	20.0	1.2	40	13.0	5.0
PTC1100K22-*#	22	57.5	30.0	45.0	52.5		1.2	27	12.0	7.0
PTC1100K22-*#	22	57.5	30.0	45.0	52.5	20.0	1.2	27	14.0	6.5
PTC1100K25-*#	25	57.5	35.0	50.0	52.5		1.2	27	12.0	6.3
PTC1100K25-*#	25	57.5	35.0	50.0	52.5	20.0	1.2	27	16.0	6.0
PTC1100K40-*#	40	57.5	42.5	56.0	52.5	20.0	1.2	27	20.0	3.5

产品编码说明: PTC900K55-FD "E" = "E(2leads) ' F(4leads) ' H(6leads).. "

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