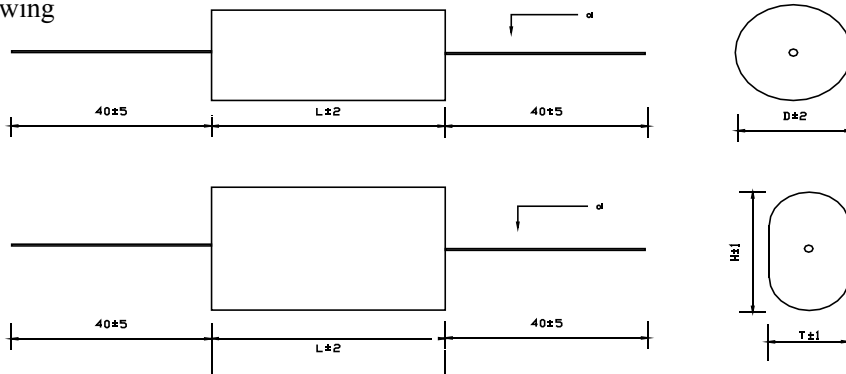


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended metallized film
Features:	Low ESR, Low Ls, high du/dt , high stability
Case :	Polyester tape wrapping; UL94V-0 resin end fill
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 85°C (max hotspots≤70°C)
Storage temperature :	-40 to + 85°C
Capacitance :	0.15 to 60μF
Rated Voltage:	250 to 850 Vdc
Dissipation factor:	<0.0005(1k Hz 20± 5°C)
Tolerance :	± 5%(J) ± 10%(K)
Life expectancy :	100,000 hours at Un and 70°C
TEST METHODS AND PERFORMANCES	
Insulation resistance :	30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C)
Test voltage between terminals and case :	3 .0KV 50Hz for 60 sec
Test voltage between terminals :	1.5Ur (DC) applied for 10s at 25±5°C

Outline drawing



Electrical specifications

Part Number	Cap (μF)	Dimension (mm)					du/dt (v/μs)	Ipeak (A)	Irms max.(A)	ESR (mΩ)
		L	D	flat, oval		d				
Ur 250Vdc, Upk 400Vdc, Urms 160Vac										
PTH250K2.0-*-*#	2.0	32	11.8	7.7	14.1	0.8	40	80	5	17.2
PTH250K2.2-*-*#	2.2	32	12.3	8.1	14.5	0.8	40	88	6	15.7
PTH250K2.5-*-*#	2.5	32	12.9	8.8	15.2	0.8	40	100	7	13.9
PTH250K3.0-*-*#	3.0	32	14.0	9.8	16.2	0.8	40	120	7	11.7
PTH250K3.3-*-*#	3.3	32	14.5	10.4	16.8	0.8	40	132	7	10.7
PTH250K4.0-*-*#	4.0	32	15.8	11.0	19.0	1.0	40	160	9	8.9
PTH250K4.7-*-*#	4.7	32	17.0	12.1	20.1	1.0	40	188	9	7.7
PTH250K5.0-*-*#	5.0	32	17.5	12.6	20.6	1.0	40	200	9	7.3
PTH250K6.8-*-*#	6.8	32	20.1	15.2	23.2	1.0	40	272	9	5.5
PTH250K10-*-*#	10	32	24.0	19.0	27.0	1.0	40	400	9	3.9
PTH250K10-*-*#	10	44	19.9	15.0	23.0	1.0	25	250	9	6.9
PTH250K15-*-*#	15	44	24.0	19.0	27.0	1.2	25	375	12	4.8
PTH250K20-*-*#	20	44	27.5	20.9	32.1	1.2	25	500	12	3.7
PTH250K22-*-*#	22	44	28.7	22.2	33.4	1.2	25	550	12	3.4
PTH250K25-*-*#	25	44	30.5	24.0	35.2	1.2	25	625	12	3.1
PTH250K30-*-*#	30	44	33.3	26.7	37.9	1.2	25	750	12	2.7
PTH250K30-*-*#	30	57	27.5	20.9	32.1	1.2	15	450	12	4.8
PTH250K33-*-*#	33	57	28.7	22.2	33.4	1.2	15	495	12	4.4
PTH250K40-*-*#	40	57	31.5	24.9	36.1	1.2	15	600	12	3.7

Part Number	Cap (µF)	Dimension (mm) flat,oval					du/dt (v/µs)	Ipeak (A)	Irms max.(A)	ESR (mΩ)
		L	D	T	H	L				
Ur 330Vdc, Upk 500Vdc, Urms 200Vac										
PTH330K1.5-**-#	1.5	32	12.6	8.5	14.9	0.8	45	68	6	18.2
PTH330K2.0-**-#	2.0	32	14.3	10.1	16.5	0.8	45	90	7	13.8
PTH330K2.2-**-#	2.2	32	14.8	10.7	17.1	0.8	45	99	7	12.7
PTH330K2.5-**-#	2.5	32	15.7	10.9	18.9	1.0	45	113	8	11.2
PTH330K3.0-**-#	3.0	32	17.0	12.1	20.1	1.0	45	135	9	9.5
PTH330K3.3-**-#	3.3	32	17.7	12.9	20.9	1.0	45	149	9	8.7
PTH330K4.0-**-#	4.0	32	19.4	14.5	22.5	1.0	45	180	9	7.3
PTH330K4.7-**-#	4.7	32	20.8	15.9	23.9	1.0	45	212	9	6.3
PTH330K4.7-**-#	4.7	44	17.3	12.5	20.5	1.0	30	141	9	11.4
PTH330K5.0-**-#	5.0	32	21.4	16.5	24.5	1.0	45	225	9	5.9
PTH330K5.0-**-#	5.0	44	17.8	12.9	20.9	1.0	30	150	9	10.7
PTH330K6.8-**-#	6.8	44	20.5	15.6	23.6	1.2	30	204	9	8.0
PTH330K10-**-#	10	44	24.5	19.6	27.6	1.2	30	300	12	5.7
PTH330K12-**-#	12	44	26.7	20.2	31.4	1.2	30	360	12	4.8
PTH330K15-**-#	15	44	29.7	23.1	34.3	1.2	30	450	12	4.0
PTH330K15-**-#	15	57	24.5	19.6	27.6	1.2	20	300	12	7.3
PTH330K20-**-#	20	57	28.1	21.5	32.7	1.2	20	400	12	5.6
PTH330K22-**-#	22	57	29.4	22.8	34.0	1.2	20	440	12	5.1
PTH330K25-**-#	25	57	31.2	24.6	35.8	1.2	20	500	12	4.6
PTH330K30-**-#	30	57	34.0	27.4	38.6	1.2	20	600	12	3.9
PTH330K33-**-#	33	57	35.6	29.0	40.2	1.2	20	660	12	3.6
PTH330K35-**-#	35	57	36.7	30.0	41.2	1.2	20	700	12	3.4
PTH330K40-**-#	40	57	39.1	32.4	43.6	1.2	20	800	12	3.1
Ur 400Vdc, Upk 600Vdc, Urms 250Vac										
PTH400K0.68-**-#	0.68	32	10.7	6.6	13.0	0.8	55	37	5.5	32.2
PTH400K1.0-**-#	1.0	32	12.5	8.3	14.7	0.8	55	55	6	22.4
PTH400K1.5-**-#	1.5	32	14.8	10.6	17.0	0.8	55	83	7	15.2
PTH400K2.0-**-#	2.0	32	16.8	11.9	19.9	1.0	55	110	9	11.6
PTH400K2.2-**-#	2.2	32	17.5	12.6	20.6	1.0	55	121	9	10.6
PTH400K2.5-**-#	2.5	32	18.5	13.6	21.6	1.0	55	138	9	9.4
PTH400K3.0-**-#	3.0	32	20.1	15.2	23.2	1.0	55	165	9	8.0
PTH400K3.3-**-#	3.3	32	21.0	16.1	24.1	1.0	55	182	9	7.3
PTH400K3.3-**-#	3.3	44	17.5	12.6	20.6	1.0	40	132	9	13.3
PTH400K4.0-**-#	4.0	32	22.9	18.0	26.0	1.0	55	220	9	6.1
PTH400K4.0-**-#	4.0	44	19.1	14.2	22.2	1.0	40	160	9	11.1
PTH400K4.7-**-#	4.7	44	20.5	15.6	23.6	1.0	40	188	9	9.5
PTH400K5.0-**-#	5.0	44	21.1	16.2	24.2	1.2	40	200	11	9.0
PTH400K6.8-**-#	6.8	44	24.3	19.4	27.4	1.2	40	272	11	6.8
PTH400K10-**-#	10	44	29.2	22.6	33.8	1.2	40	400	12	4.8
PTH400K10-**-#	10	57	24.1	19.1	27.1	1.2	25	250	11	8.9
PTH400K15-**-#	15	57	29.2	22.6	33.8	1.2	25	375	12	6.1
PTH400K20-**-#	20	57	33.4	26.8	38.0	1.2	25	500	12	4.7
PTH400K22-**-#	22	57	35.0	28.3	39.5	1.2	25	550	12	4.4
PTH400K25-**-#	25	57	37.2	30.5	41.7	1.2	25	625	12	3.9
Ur 600Vdc, Upk 800Vdc, Urms 330Vac										
PTH600K0.47-**-#	0.47	32	11.7	7.6	14.0	0.8	75	35	5	34.5
PTH600K0.68-**-#	0.68	32	13.6	9.4	15.8	0.8	75	51	6	24.3
PTH600K1.0-**-#	1.0	32	16.0	11.9	18.3	0.8	75	75	8	16.9
PTH600K1.5-**-#	1.5	32	19.2	15.0	21.4	1.0	75	113	9	11.6
PTH600K2.0-**-#	2.0	32	21.8	17.7	24.1	1.0	75	150	9	8.9
PTH600K2.0-**-#	2.0	44	17.0	13.0	18.9	1.0	55	110	9	16.2
PTH600K2.2-**-#	2.2	32	22.8	18.7	25.1	1.0	75	165	9	8.1
PTH600K2.2-**-#	2.2	44	17.7	13.7	19.6	1.0	55	121	9	14.8
PTH600K2.5-**-#	2.5	44	18.8	14.0	21.5	1.0	55	138	9	13.1
PTH600K3.0-**-#	3.0	44	20.4	15.6	23.1	1.0	55	165	9	11.0
PTH600K3.3-**-#	3.3	44	21.3	16.5	24.0	1.0	55	182	9	10.1
PTH600K4.0-**-#	4.0	44	23.3	18.5	26.0	1.0	55	220	12	9.6

Electrical specifications

Part Number	Cap (µF)	Dimension (mm)					du/dt (v/µs)	Ipeak (A)	Irms max.(A)	ESR (mΩ)
		flat,oval								
		L	D	T	H	d				
Ur 600Vdc, Upk 600Vdc, Urms 250Vac										
PTH600K4.7-*-*#	4.7	57	22.3	17.3	25.3	1.2	40	188	11	7.3
PTH600K5.0-*-*#	5.0	57	22.9	18.0	26.0	1.2	40	200	11	6.9
PTH600K6.8-*-*#	6.8	57	26.4	21.5	29.5	1.2	40	272	11	13.0
PTH600K10-*-*#	10	57	31.7	25.1	36.3	1.2	40	400	12	9.7
PTH600K12-*-*#	12	57	34.6	27.9	39.1	1.2	40	480	12	6.8
PTH600K15-*-*#	15	57	38.5	31.8	43.0	1.2	40	600	12	5.8
PTH600K4.0-*-*#	0.68	32	10.7	6.6	13.0	0.8	55	37	5.5	32.2
Ur 700Vdc, Upk 1000Vdc, Urms 400Vac										
PTH700K0.22-*-*#	0.22	32	10.5	6.4	12.8	0.8	105	23	3.5	56.2
PTH700K0.33-*-*#	0.33	32	12.2	8.1	14.5	0.8	105	35	4.5	38.6
PTH700K0.47-*-*#	0.47	32	14.1	10.0	16.4	0.8	105	49	6.5	27.7
PTH700K0.68-*-*#	0.68	32	16.5	11.7	19.7	1.0	105	71	8	19.6
PTH700K1.0-*-*#	1.0	32	19.6	14.7	22.7	1.0	105	105	9	13.6
PTH700K1.0-*-*#	1.0	44	16.4	11.5	19.5	1.0	70	70	9	25.1
PTH700K1.2-*-*#	1.2	44	17.8	12.9	20.9	1.0	70	84	9	21.1
PTH700K1.5-*-*#	1.5	44	19.6	14.7	22.7	1.0	70	105	9	17.1
PTH700K2.0-*-*#	2.0	44	22.3	17.4	25.4	1.2	70	140	12	13.0
PTH700K2.2-*-*#	2.2	44	23.3	18.4	26.4	1.2	70	154	12	11.9
PTH700K2.5-*-*#	2.5	44	24.8	19.8	27.8	1.2	70	175	12	10.6
PTH700K3.0-*-*#	3.0	44	26.9	20.4	31.6	1.2	70	210	12	8.9
PTH700K3.3-*-*#	3.3	44	28.2	21.6	32.8	1.2	70	231	12	8.2
PTH700K4.0-*-*#	4.0	44	30.8	24.3	35.5	1.2	70	280	12	6.9
PTH700K4.0-*-*#	4.0	57	25.5	20.6	28.6	1.2	45	180	12	12.9
PTH700K4.7-*-*#	4.7	57	27.5	21.0	32.2	1.2	45	212	12	11.1
PTH700K5.0-*-*#	5.0	57	28.3	21.8	33.0	1.2	45	225	12	10.5
PTH700K6.8-*-*#	6.8	57	32.7	26.1	37.3	1.2	45	306	12	7.9
PTH700K8.2-*-*#	8.2	57	35.8	29.1	40.3	1.2	45	369	12	6.6
PTH700K10-*-*#	10	57	39.4	32.6	43.8	1.2	45	450	12	5.6
Ur 850Vdc, Upk 1200Vdc, Urms 450Vac										
PTH850K0.33-*-*#	0.33	32	14.3	10.2	16.6	0.8	200	66	7	32.3
PTH850K0.47-*-*#	0.47	32	16.6	11.8	19.8	1.0	200	94	9	23.2
PTH850K0.68-*-*#	0.68	32	19.5	14.6	22.6	1.0	200	136	9	16.4
PTH850K0.68-*-*#	0.68	44	16.3	11.5	19.5	1.0	110	75	9	30.2
PTH850K1.0-*-*#	1.0	32	23.2	18.3	26.3	1.2	200	200	12	11.5
PTH850K1.0-*-*#	1.0	44	19.4	14.5	22.5	1.0	110	110	9	21.0
PTH850K1.5-*-*#	1.5	44	23.2	18.3	26.3	1.2	110	165	12	14.3
PTH850K2.0-*-*#	2.0	44	26.5	21.6	29.6	1.2	110	220	12	11.0
PTH850K2.2-*-*#	2.2	44	27.7	21.2	32.4	1.2	110	242	12	10.0
PTH850K2.2-*-*#	2.2	57	23.0	18.1	26.1	1.2	55	121	12	19.1
PTH850K2.5-*-*#	2.5	44	29.5	22.9	34.1	1.2	110	275	12	8.9
PTH850K2.5-*-*#	2.5	57	24.4	19.4	27.4	1.2	55	138	12	16.9
PTH850K3.0-*-*#	3.0	44	32.1	25.5	36.7	1.2	110	330	12	7.5
PTH850K3.0-*-*#	3.0	57	26.5	21.6	29.6	1.2	55	165	12	14.2

Part Numbering System : PTH700K0.47-O-32 "O" = O for oval F for flat"

"32" = Length