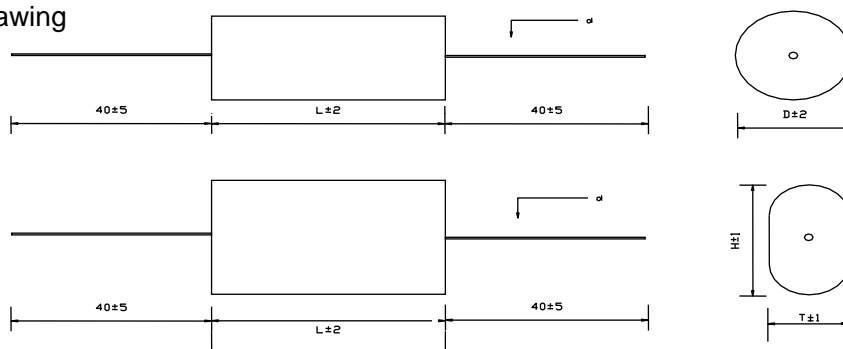


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended metallized film
Features:	Low ESR, Low Ls, high du/dt , high stability
Case :	Polyester tape wrapping; UL94V-0 resin end fill
ELECTRICAL CHARACTERISTICS	
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	T	H	d				
Ur 250Vdc, Upk 400Vdc, Urms 160Vac										
CSK250K2.0-*#	2.0	32	11.8	7.7	14.1	0.8	40	80	5	17.2
CSK250K2.2-*#	2.2	32	12.3	8.1	14.5	0.8	40	88	6	15.7
CSK250K2.5-*#	2.5	32	12.9	8.8	15.2	0.8	40	100	7	13.9
CSK250K3.0-*#	3.0	32	14.0	9.8	16.2	0.8	40	120	7	11.7
CSK250K3.3-*#	3.3	32	14.5	10.4	16.8	0.8	40	132	7	10.7
CSK250K4.0-*#	4.0	32	15.8	11.0	19.0	1.0	40	160	9	8.9
CSK250K4.7-*#	4.7	32	17.0	12.1	20.1	1.0	40	188	9	7.7
CSK250K5.0-*#	5.0	32	17.5	12.6	20.6	1.0	40	200	9	7.3
CSK250K6.8-*#	6.8	32	20.1	15.2	23.2	1.0	40	272	9	5.5
CSK250K10-*#	10	32	24.0	19.0	27.0	1.0	40	400	9	3.9
CSK250K10-*#	10	44	19.9	15.0	23.0	1.0	25	250	9	6.9
CSK250K15-*#	15	44	24.0	19.0	27.0	1.2	25	375	12	4.8
CSK250K20-*#	20	44	27.5	20.9	32.1	1.2	25	500	12	3.7
CSK250K22-*#	22	44	28.7	22.2	33.4	1.2	25	550	12	3.4
CSK250K25-*#	25	44	30.5	24.0	35.2	1.2	25	625	12	3.1
CSK250K30-*#	30	44	33.3	26.7	37.9	1.2	25	750	12	2.7
CSK250K30-*#	30	57	27.5	20.9	32.1	1.2	15	450	12	4.8
CSK250K33-*#	33	57	28.7	22.2	33.4	1.2	15	495	12	4.4
CSK250K40-*#	40	57	31.5	24.9	36.1	1.2	15	600	12	3.7
CSK250K50-*#	50	57	35.1	28.4	39.6	1.2	15	750	12	3.1

Part Number	Cap (µF)	Dimension (mm)					du/dt (v/µs)	Ipeak (A)	Irms max.(A)	ESR (mΩ)
		flat,oval								
		L	D	T	H	L				
Ur 330Vdc, Upk 500Vdc, Urms 200Vac										
CSK330K1.5-*#	1.5	32	12.6	8.5	14.9	0.8	45	68	6	18.2
CSK330K2.0-*#	2.0	32	14.3	10.1	16.5	0.8	45	90	7	13.8
CSK330K2.2-*#	2.2	32	14.8	10.7	17.1	0.8	45	99	7	12.7
CSK330K2.5-*#	2.5	32	15.7	10.9	18.9	1.0	45	113	8	11.2
CSK330K3.0-*#	3.0	32	17.0	12.1	20.1	1.0	45	135	9	9.5
CSK330K3.3-*#	3.3	32	17.7	12.9	20.9	1.0	45	149	9	8.7
CSK330K4.0-*#	4.0	32	19.4	14.5	22.5	1.0	45	180	9	7.3
CSK330K4.7-*#	4.7	32	20.8	15.9	23.9	1.0	45	212	9	6.3
CSK330K4.7-*#	4.7	44	17.3	12.5	20.5	1.0	30	141	9	11.4
CSK330K5.0-*#	5.0	32	21.4	16.5	24.5	1.0	45	225	9	5.9
CSK330K5.0-*#	5.0	44	17.8	12.9	20.9	1.0	30	150	9	10.7
CSK330K6.8-*#	6.8	44	20.5	15.6	23.6	1.2	30	204	9	8.0
CSK330K10-*#	10	44	24.5	19.6	27.6	1.2	30	300	12	5.7
CSK330K12-*#	12	44	26.7	20.2	31.4	1.2	30	360	12	4.8
CSK330K15-*#	15	44	29.7	23.1	34.3	1.2	30	450	12	4.0
CSK330K15-*#	15	57	24.5	19.6	27.6	1.2	20	300	12	7.3
CSK330K20-*#	20	57	28.1	21.5	32.7	1.2	20	400	12	5.6
CSK330K22-*#	22	57	29.4	22.8	34.0	1.2	20	440	12	5.1
CSK330K25-*#	25	57	31.2	24.6	35.8	1.2	20	500	12	4.6
CSK330K30-*#	30	57	34.0	27.4	38.6	1.2	20	600	12	3.9
CSK330K33-*#	33	57	35.6	29.0	40.2	1.2	20	660	12	3.6
CSK330K35-*#	35	57	36.7	30.0	41.2	1.2	20	700	12	3.4
CSK330K40-*#	40	57	39.1	32.4	43.6	1.2	20	800	12	3.1
Ur 400Vdc, Upk 600Vdc, Urms 250Vac										
CSK400K0.68-*#	0.68	32	10.7	6.6	13.0	0.8	55	37	5.5	32.2
CSK400K1.0-*#	1.0	32	12.5	8.3	14.7	0.8	55	55	6	22.4
CSK400K1.5-*#	1.5	32	14.8	10.6	17.0	0.8	55	83	7	15.2
CSK400K2.0-*#	2.0	32	16.8	11.9	19.9	1.0	55	110	9	11.6
CSK400K2.2-*#	2.2	32	17.5	12.6	20.6	1.0	55	121	9	10.6
CSK400K2.5-*#	2.5	32	18.5	13.6	21.6	1.0	55	138	9	9.4
CSK400K3.0-*#	3.0	32	20.1	15.2	23.2	1.0	55	165	9	8.0
CSK400K3.3-*#	3.3	32	21.0	16.1	24.1	1.0	55	182	9	7.3
CSK400K3.3-*#	3.3	44	17.5	12.6	20.6	1.0	40	132	9	13.3
CSK400K4.0-*#	4.0	32	22.9	18.0	26.0	1.0	55	220	9	6.1
CSK400K4.0-*#	4.0	44	19.1	14.2	22.2	1.0	40	160	9	11.1
CSK400K4.7-*#	4.7	44	20.5	15.6	23.6	1.0	40	188	9	9.5
CSK400K5.0-*#	5.0	44	21.1	16.2	24.2	1.2	40	200	11	9.0
CSK400K6.8-*#	6.8	44	24.3	19.4	27.4	1.2	40	272	11	6.8
CSK400K10-*#	10	44	29.2	22.6	33.8	1.2	40	400	12	4.8
CSK400K10-*#	10	57	24.1	19.1	27.1	1.2	25	250	11	8.9
CSK400K15-*#	15	57	29.2	22.6	33.8	1.2	25	375	12	6.1
CSK400K20-*#	20	57	33.4	26.8	38.0	1.2	25	500	12	4.7
CSK400K22-*#	22	57	35.0	28.3	39.5	1.2	25	550	12	4.4
CSK400K25-*#	25	57	37.2	30.5	41.7	1.2	25	625	12	3.9
Ur 600Vdc, Upk 800Vdc, Urms 330Vac										
CSK600K0.47-*#	0.47	32	11.7	7.6	14.0	0.8	75	35	5	34.5
CSK600K0.68-*#	0.68	32	13.6	9.4	15.8	0.8	75	51	6	24.3
CSK600K1.0-*#	1.0	32	16.0	11.9	18.3	0.8	75	75	8	16.9
CSK600K1.5-*#	1.5	32	19.2	15.0	21.4	1.0	75	113	9	11.6
CSK600K2.0-*#	2.0	32	21.8	17.7	24.1	1.0	75	150	9	8.9
CSK600K2.0-*#	2.0	44	17.0	13.0	18.9	1.0	55	110	9	16.2
CSK600K2.2-*#	2.2	32	22.8	18.7	25.1	1.0	75	165	9	8.1
CSK600K2.2-*#	2.2	44	17.7	13.7	19.6	1.0	55	121	9	14.8
CSK600K2.5-*#	2.5	44	18.8	14.0	21.5	1.0	55	138	9	13.1
CSK600K3.0-*#	3.0	44	20.4	15.6	23.1	1.0	55	165	9	11.0
CSK600K3.3-*#	3.3	44	21.3	16.5	24.0	1.0	55	182	9	10.1
CSK600K4.0-*#	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										
CSK600K4.7-*#	4.7	57	22.3	17.3	25.3	1.2	40	188	11	7.3
CSK600K5.0-*#	5.0	57	22.9	18.0	26.0	1.2	40	200	11	6.9
CSK600K6.8-*#	6.8	57	26.4	21.5	29.5	1.2	40	272	11	13.0
CSK600K10-*#	10	57	31.7	25.1	36.3	1.2	40	400	12	9.7
CSK600K12-*#	12	57	34.6	27.9	39.1	1.2	40	480	12	6.8
CSK600K15-*#	15	57	38.5	31.8	43.0	1.2	40	600	12	5.8
CSK600K4.0-*#	0.68	32	10.7	6.6	13.0	0.8	55	37	5.5	32.2
Ur 700Vdc, Upk 1000Vdc, Urms 400Vac										
CSK700K0.22-*#	0.22	32	10.5	6.4	12.8	0.8	105	23	3.5	56.2
CSK700K0.33-*#	0.33	32	12.2	8.1	14.5	0.8	105	35	4.5	38.6
CSK700K0.47-*#	0.47	32	14.1	10.0	16.4	0.8	105	49	6.5	27.7
CSK700K0.68-*#	0.68	32	16.5	11.7	19.7	1.0	105	71	8	19.6
CSK700K1.0-*#	1.0	32	19.6	14.7	22.7	1.0	105	105	9	13.6
CSK700K1.0-*#	1.0	44	16.4	11.5	19.5	1.0	70	70	9	25.1
CSK700K1.2-*#	1.2	44	17.8	12.9	20.9	1.0	70	84	9	21.1
CSK700K1.5-*#	1.5	44	19.6	14.7	22.7	1.0	70	105	9	17.1
CSK700K2.0-*#	2.0	44	22.3	17.4	25.4	1.2	70	140	12	13.0
CSK700K2.2-*#	2.2	44	23.3	18.4	26.4	1.2	70	154	12	11.9
CSK700K2.5-*#	2.5	44	24.8	19.8	27.8	1.2	70	175	12	10.6
CSK700K3.0-*#	3.0	44	26.9	20.4	31.6	1.2	70	210	12	8.9
CSK700K3.3-*#	3.3	44	28.2	21.6	32.8	1.2	70	231	12	8.2
CSK700K4.0-*#	4.0	44	30.8	24.3	35.5	1.2	70	280	12	6.9
CSK700K4.0-*#	4.0	57	25.5	20.6	28.6	1.2	45	180	12	12.9
CSK700K4.7-*#	4.7	57	27.5	21.0	32.2	1.2	45	212	12	11.1
CSK700K5.0-*#	5.0	57	28.3	21.8	33.0	1.2	45	225	12	10.5
CSK700K6.8-*#	6.8	57	32.7	26.1	37.3	1.2	45	306	12	7.9
CSK700K8.2-*#	8.2	57	35.8	29.1	40.3	1.2	45	369	12	6.6
CSK700K10-*#	10	57	39.4	32.6	43.8	1.2	45	450	12	5.6
Ur 850Vdc, Upk 1200Vdc, Urms 450Vac										
CSK850K0.33-*#	0.33	32	14.3	10.2	16.6	0.8	200	66	7	32.3
CSK850K0.47-*#	0.47	32	16.6	11.8	19.8	1.0	200	94	9	23.2
CSK850K0.68-*#	0.68	32	19.5	14.6	22.6	1.0	200	136	9	16.4
CSK850K0.68-*#	0.68	44	16.3	11.5	19.5	1.0	110	75	9	30.2
CSK850K1.0-*#	1.0	32	23.2	18.3	26.3	1.2	200	200	12	11.5
CSK850K1.0-*#	1.0	44	19.4	14.5	22.5	1.0	110	110	9	21.0
CSK850K1.5-*#	1.5	44	23.2	18.3	26.3	1.2	110	165	12	14.3
CSK850K2.0-*#	2.0	44	26.5	21.6	29.6	1.2	110	220	12	11.0
CSK850K2.2-*#	2.2	44	27.7	21.2	32.4	1.2	110	242	12	10.0
CSK850K2.2-*#	2.2	57	23.0	18.1	26.1	1.2	55	121	12	19.1
CSK850K2.5-*#	2.5	44	29.5	22.9	34.1	1.2	110	275	12	8.9
CSK850K2.5-*#	2.5	57	24.4	19.4	27.4	1.2	55	138	12	16.9
CSK850K3.0-*#	3.0	44	32.1	25.5	36.7	1.2	110	330	12	7.5
CSK850K3.0-*#	3.0	57	26.5	21.6	29.6	1.2	55	165	12	14.2

Part Numbering System : CSK700K0.47-O-32 "O" = O for oval F for flat"

"32" = Length