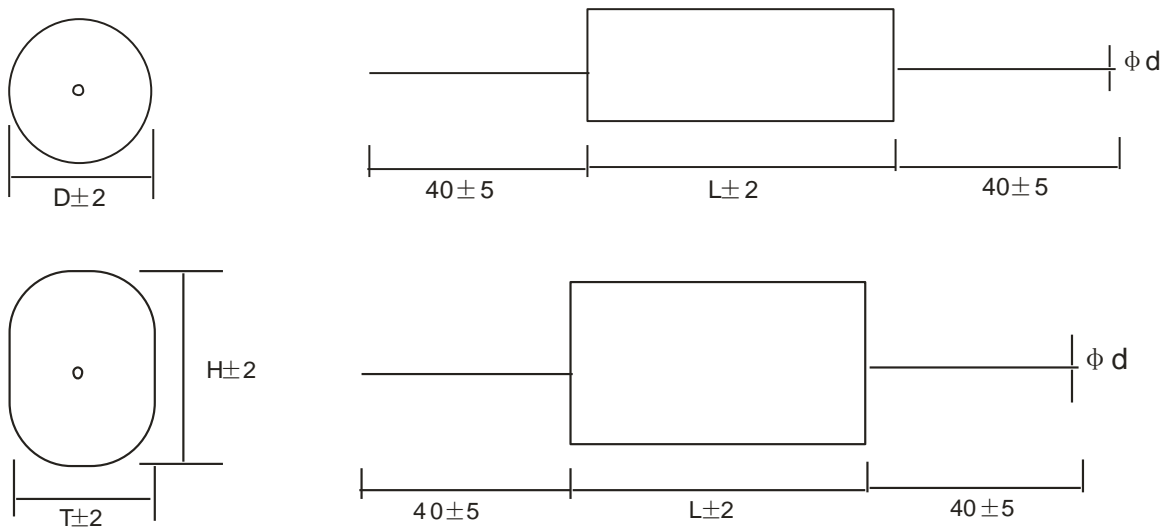


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended double-side metallized carrier film with internal series connection and metallized film
Features:	High pulse current. Low inductance .high dv/dt . Self-healing
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 :	0.047 to 10μF
Rated Voltage:	700 to 3000 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 KV 50Hz for 60 sec
Test voltage between terminals :	1.5Ur (DC) applied for 10s at 25±5°C

Outline drawing:



Part Numbering System: CSC1200K0.47-O-44 "O " = O for oval F for flat"  
 "44 " = Length

Electrical specifications

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	I <sub>peak</sub> A	I <sub>rms</sub> max@25°C @10kHz	ESR @10k Hz (mΩ)
		L	D	T	H	d				
Ur 700Vdc Urms 380Vac, Upk 1000Vdc										
CSC700K0.33-*#	0.33	32.0	14.5	9.5	17.5	0.8	480	158	6.0	6.0
CSC700K0.47-*#	0.47	32.0	16.5	12.0	20.0	0.8	480	226	8.0	5.0
CSC700K0.68-*#	0.68	32.0	20.0	15.0	23.0	1.0	480	326	9.0	4.0
CSC700K1.0-*#	1.0	44.0	19.0	14.0	22.0	1.2	320	320	10.0	4.0
CSC700K1.5-*#	1.5	44.0	23.0	16.5	27.5	1.2	320	480	11.0	3.5
CSC700K2.0-*#	2.0	44.0	26.0	20.0	31.0	1.2	320	640	11.0	3.3
CSC700K2.2-*#	2.2	44.0	27.0	21.0	32.0	1.2	320	704	11.0	3.0
CSC700K2.5-*#	2.5	44.0	29.0	22.5	33.5	1.2	320	800	12.0	2.8
CSC700K3.0-*#	3.0	44.0	31.5	25.0	36.0	1.2	320	960	13.0	2.5
CSC700K3.5-*#	3.5	57.0	28.5	22.0	33.0	1.2	240	840	14.0	4.0
CSC700K4.7-*#	4.7	57.0	32.5	26.0	37.0	1.2	240	1128	14.0	3.0
Ur 1000Vdc Urms 480Vac, Upk 1400Vdc										
CSC1000K0.1-*#	0.1	32.0	11.0	8.0	12.5	0.8	850	85	5.0	8.5
CSC1000K0.15-*#	0.15	32.0	13.0	9.0	15.5	0.8	850	128	6.0	7.5
CSC1000K0.22-*#	0.22	32.0	15.5	11.0	19.0	1.0	850	187	7.0	6.0
CSC1000K0.33-*#	0.33	32.0	18.5	14.0	22.0	1.0	850	281	9.0	5.0
CSC1000K0.47-*#	0.47	32.0	22.0	16.0	27.0	1.0	850	400	9.0	3.8
CSC1000K0.68-*#	0.68	44.0	21.0	14.5	26.0	1.0	550	374	10.0	4.0
CSC1000K1.0-*#	1.0	44.0	25.0	18.5	30.0	1.2	550	550	12.0	3.5
CSC1000K1.5-*#	1.5	44.0	30.5	24.0	35.0	1.2	550	825	12.0	3.0
CSC1000K2.0-*#	2.0	57.0	29.0	22.5	34.0	1.2	340	680	12.5	3.6
CSC1000K2.2-*#	2.2	57.0	30.5	24.0	35.0	1.2	340	748	12.5	3.0
CSC1000K3.0-*#	3.0	57.0	35.5	28.5	40.0	1.2	340	1020	13.0	2.5
CSC1000K3.3-*#	3.3	57.0	37.0	33.0	40.0	1.2	340	1122	13.5	2.3
CSC1000K4.7-*#	4.7	57.0	44.0			1.2	340	1598	14.0	2.1
Ur 1200Vdc Urms 500Vac, Upk 1600Vdc										
CSC1200K0.068-*#	0.068	32	10.0	7.0	11.5	0.8	1200	81.6	4.0	11.0
CSC1200K0.1-*#	0.1	32.0	11.5	8.5	13.5	0.8	1200	120	5.0	8.0
CSC1200K0.15-*#	0.15	32.0	14.5	9.5	17.5	1.0	1200	180	6.0	7.0
CSC1200K0.22-*#	0.22	32.0	17.0	12.5	20.5	1.0	1200	264	9.0	5.5
CSC1200K0.33-*#	0.33	32.0	20.5	15.5	23.5	1.0	1200	396	9.0	4.5
CSC1200K0.47-*#	0.47	44.0	22.5	14.5	22.5	1.0	650	306	10.0	5.5
CSC1200K0.68-*#	0.68	44.0	23.0	16.5	27.5	1.2	650	442	11.0	4.5
CSC1200K1.0-*#	1.0	44.0	27.5	21.0	32.5	1.2	650	650	12.0	4.1
CSC1200K1.5-*#	1.5	44.0	33.5	27.0	38.0	1.2	650	5975	12.0	2.7
CSC1200K2.0-*#	2.0	57.0	32.0	25.5	36.5	1.2	380	760	12.5	3.1
CSC1200K2.2-*#	2.2	57.0	33.5	27.0	38.0	1.2	380	836	12.5	3.0
CSC1200K3.3-*#	3.3	57.0	41.0			1.2	380	1254	13.5	2.3

Electrical specifications

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@25°C @10kHz	ESR @10k Hz (mΩ)
		L	D	T	H	d				
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc										
CSC1600K0.047-*#	0.047	32.0	11.5	7.5	13.5	0.8	1300	61.1	4.0	18.0
CSC1600K0.068-*#	0.068	32.0	12.5	8.5	17.0	0.8	1300	84.4	4.0	14.0
CSC1600K0.1-*#	0.1	32.0	16.0	11.0	19.0	0.8	1300	130	5.5	10.5
CSC1600K0.15-*#	0.15	32.0	19.0	14.5	22.5	1.0	1300	195	7.5	8.0
CSC1600K0.22-*#	0.22	32.0	23.0	16.5	28.5	1.0	1300	286	9.0	5.5
CSC1600K0.33-*#	0.33	44.0	22.0	15.5	26.5	1.0	850	280.5	9.0	5.5
CSC1600K0.47-*#	0.47	44.0	26.0	19.5	32.5	1.2	850	399.5	10.0	4.5
CSC1600K0.68-*#	0.68	44.0	31.0	24.5	35.5	1.2	850	578	11.0	4.0
CSC1600K1.0-*#	1.0	44.0	37.5	31	42.0	1.2	850	850	12.0	3.5
CSC1600K1.2-*#	1.2	57.0	34.0	27.5	38.5	1.2	600	720	12.0	3.3
CSC1600K1.5-*#	1.5	57.0	38.0			1.2	600	900	12.5	3.1
CSC16007K2.0-*#	2.0	57.0	43.5			1.2	600	1200	13.0	2.8
Ur 2000Vdc Urms 630Vac, Upk 2500Vdc										
CSC2000K0.022-*#	0.022	32.0		5.5	12.0	0.8	2000	44	2.5	36.0
CSC2000K0.033-*#	0.033	32.0	11.0	7.0	13.5	0.8	2000	66	3.5	32.5
CSC2000K0.047-*#	0.047	32.0	12.5	8.0	16.5	0.8	2000	94	4.5	23.0
CSC2000K0.068-*#	0.068	32.0	15	10.5	18.5	0.8	2000	136	5.5	15.0
CSC2000K0.1-*#	0.1	32.0	18.0	13.0	21.5	1.0	2000	200	7.5	9.1
CSC2000K0.15-*#	0.15	44.0	17.0	12.5	20.5	1.0	1200	180	9.0	6.8
CSC2000K0.22-*#	0.22	44.0	20.5	15.5	23.5	1.0	1200	264	9.0	6.0
CSC2000K0.33-*#	0.33	44.0	24.5	18.5	30.0	1.2	1200	396	11.0	5.0
CSC2000K0.47-*#	0.47	44.0	30.0	23.5	34.5	1.2	1200	564	12.0	4.1
CSC2000K0.68-*#	0.68	57.0	29.0	23.0	34.0	1.2	700	476	12.0	4.5
CSC2000K1.0-*#	1.0	57.0	35.0	29.0	40.0	1.2	700	700	12.5	3.3
Ur 3000Vdc Urms750Vac, Upk 3500Vdc										
CSC3000K0.01-*#	0.01	32		6.0	12.5	0.8	3000	30	2.0	64.0
CSC3000K0.022-*#	0.022	32	13.0	8.5	16.5	0.8	3000	66	4.0	29.0
CSC3000K0.033-*#	0.033	32	16.0	11.0	19.0	1.0	3000	99	5.0	21.0
CSC3000K0.047-*#	0.047	32	18.5	14.0	21.5	1.0	3000	141	6.0	14.0
CSC3000K0.068-*#	0.068	44	17.5	12.5	21.0	1.0	1600	108.8	8.0	13.0
CSC3000K0.1-*#	0.1	44	21.0	14.5	26.0	1.2	1600	160	11.0	9.5
CSC3000K0.22-*#	0.22	44	30.5	24.0	35.0	1.2	1600	352	12.0	6.0
CSC3000K0.33-*#	0.33	57	30.5	24.0	35.5	1.2	1000	330	12.0	5.0
CSC3000K0.47-*#	0.47	57	37.0			1.2	1000	470	12.0	4.0