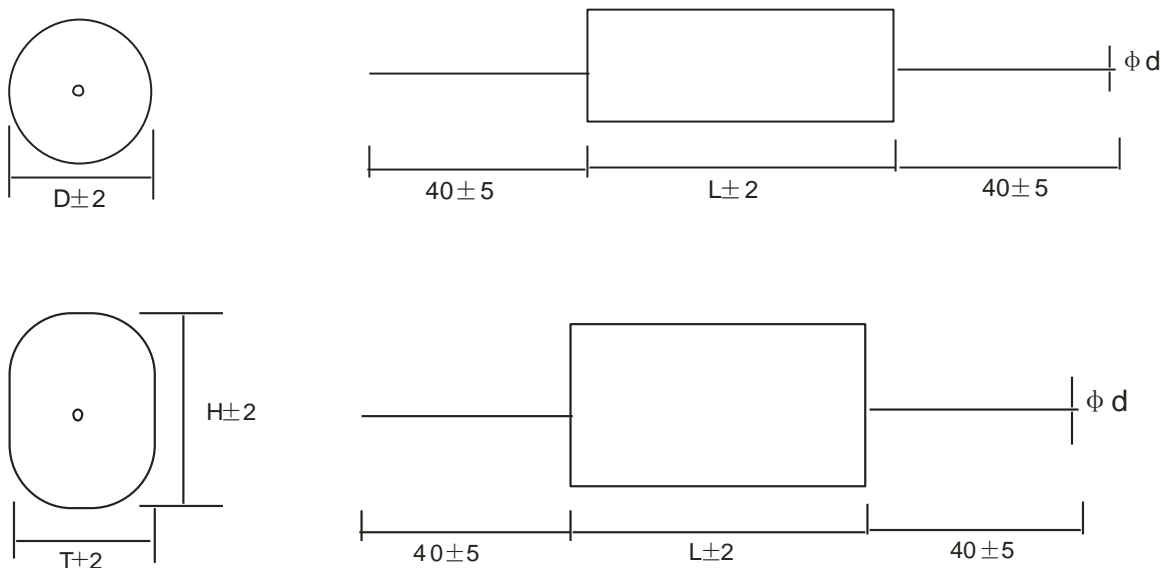


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	An extended metallized film with an internal series connection
Features:	High pulse current. Low inductance .high dv/dt . Self-healing
Case :	Polyester tape wrapping; UL94V-0 resin end fill
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 85°C(max hotspot≤70°C)
Storage temperature :	-40 to + 85°C
Capacitance :	0.01 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: CSF1200K0.47-O-44 "O " = O for oval F for flat"
 "44 " = Length

Electrical specifications, ordering codes

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	I _{peak} A	I _{rms} max@25°C @10kHz	ESR @10 kHz (mΩ)
		L	D	T	H	d				
Ur 700Vdc Urms 380Vac, Upk 1050Vdc										
CSF700K0.33-*-*#	0.33	32.0	11.5	8.5	13.5	0.8	180	59.4	5.0	7.5
CSF700K0.47-*-*#	0.47	32.0	13.5	9.0	17.0	0.8	180	84.6	6.0	6.0
CSF700K0.68-*-*#	0.68	32.0	16.5	11.5	20.0	1.0	180	122.4	8.0	5.0
CSF700K1.0-*-*#	1.0	44.0	16.0	11.0	19.0	1.0	130	130	9.0	4.8
CSF700K1.5-*-*#	1.5	44.0	19.0	14.5	22.5	1.0	130	195	9.0	4.5
CSF700K2.0-*-*#	2.0	44.0	22.0	15.5	26.5	1.0	130	260	9.0	4.1
CSF700K2.2-*-*#	2.2	44.0	23.0	16.5	27.5	1.0	130	286	9	4.0
CSF700K2.5-*-*#	2.5	44.0	24.5	18.0	29.0	1.2	130	325	12	3.6
CSF700K3.3-*-*#	3.3	44.0	28.0	21.0	32.0	1.2	130	429	12	3.2
CSF700K4.0-*-*#	4.0	57.0	25.5	19.0	30.5	1.2	100	400	12	4.0
CSF700K4.7-*-*#	4.7	57.0	28.0	21.0	32.5	1.2	100	470	12	3.8
CSF700K5.6-*-*#	5.6	57.0	30.5	23.5	34.5	1.2	100	560	12	3.5
CSF700K6.8-*-*#	6.8	57.0	33.5	26.5	37.5	1.2	100	680	12	3.2
CSF700K10.0-*-*#	10.0	57.0	40.5	33.0	44.5	1.2	100	1000	12	2.7
Ur 1000Vdc Urms 480Vac, Upk 1500Vdc										
CSF1000K0.1-*-*#	0.1	32.0	9.0	6.5	11.0	0.8	350	35	3.5	15.0
CSF1000K0.15-*-*#	0.15	32.0	11.0	8.0	13.0	0.8	350	52.5	4.5	12.0
CSF1000K0.22-*-*#	0.22	32.0	13.0	8.5	16.5	0.8	350	77	5.0	8.0
CSF1000K0.33-*-*#	0.33	32.0	16.0	11.5	19.5	1.0	350	115.5	7.5	6.0
CSF1000K0.47-*-*#	0.47	32.0	19.0	14.0	22.0	1.0	350	164.5	9.0	5.0
CSF1000K0.68-*-*#	0.68	44.0	18.0	13.5	21.5	1.0	220	149.6	9.0	5.2
CSF1000K1.0-*-*#	1.0	44.0	22.0	15.5	26.5	1.2	220	220	12.0	4.2
CSF1000K1.5-*-*#	1.5	44.0	26.5	20.0	31.0	1.2	220	330	12.0	3.5
CSF1000K2.0-*-*#	2.0	57.0	25.5	19.0	30.0	1.2	130	260	12.0	4.2
CSF1000K2.5-*-*#	2.5	57.0	28.5	21.5	33.0	1.2	130	325	12.0	3.8
CSF1000K3.0-*-*#	3.0	57.0	31.0	24.0	35.5	1.2	130	390	12.0	3.2
CSF1000K3.3-*-*#	3.3	57.0	32.5	25.5	36.5	1.2	130	429	12.0	3.0
CSF1000K4.7-*-*#	4.7	57.0	39.0	31.5	43.0	1.2	130	611	12.0	2.5
Ur 1200Vdc Urms 500Vac, Upk 1800Vdc										
CSF1200K0.1-*-*#	0.1	32.0	11.0	8.0	13.0	0.8	400	40	3.5	14.0
CSF1200K0.22-*-*#	0.22	32.0	16.0	11.0	19.0	0.0	400	88	6.5	7.5
CSF1200K0.33-*-*#	0.33	32.0	19.0	14.5	22.5	1.0	400	132	8.5	5.5
CSF1200K0.47-*-*#	0.47	44.0	17.5	12.5	20.5	1.0	250	117.5	9.0	5.8
CSF1200K0.68-*-*#	0.68	44.0	20.5	15.5	23.5	1.0	250	170	9.0	5.2
CSF1200K1.0-*-*#	1.0	44.0	25.0	18.5	29.5	1.2	250	250	12.0	4.2
CSF1200K1.5-*-*#	1.5	44.0	30.0	23.5	34.5	1.2	250	375	12.0	3.5
CSF1200K2.0-*-*#	2.0	57.0	29.0	22.5	33.5	1.2	250	500	12.0	3.8
CSF1200K2.2-*-*#	2.2	57.0	30.5	23.5	35.0	1.2	250	550	12.0	3.5

Electrical specifications, ordering codes

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 1200Vdc Urms 500Vac, Upk 1800Vdc										
CSF1200K2.5-*-*#	2.5	57.0	32.5	25.5	36.5	1.2	250	625	12.0	3.2
CSF1200K3.3-*-*#	3.3	57.0	37.5	30.0	41.5	1.2	250	825	12.0	2.8
Ur 1600Vdc Urms 550Vac, Upk 2400Vdc										
CSF1600K0.068-*-*#	0.068	32.0	10.5	8.0	12.5	0.8	500	34	3.5	17.0
CSF1600K0.1-*-*#	0.1	32.0	12.5	8.5	16.5	0.8	500	50	4.5	12.5
CSF1600K0.15-*-*#	0.15	32.0	15.5	11.0	19.0	1.0	500	75	6.0	9.0
CSF1600K0.22-*-*#	0.22	32.0	18.5	14.0	22.0	1.0	500	110	8.0	6.5
CSF1600K0.33-*-*#	0.33	44.0	18.0	13.5	21.5	1.0	350	115.5	9.0	6.5
CSF1600K0.47-*-*#	0.47	44.0	21.5	15.0	26.5	1.2	350	164.5	12.0	5.5
CSF1600K0.68-*-*#	0.68	44.0	25.5	19.0	30.0	1.2	350	238	12.0	4.5
CSF1600K1.0-*-*#	1.0	44.0	31.0	24.0	35.0	1.2	350	350	12.0	3.5
CSF1600K1.2-*-*#	1.2	57.0	28.5	21.5	32.5	1.2	350	420	12.0	4.8
CSF1600K1.5-*-*#	1.5	57.0	31.5	24.5	36.0	1.2	250	375	12.0	4.1
CSF16007K2.2-*-*#	2.2	57.0	38.0	31.0	42.0	1.2	250	550	12.0	3.5
Ur 2000Vdc Urms 630Vac, Upk 3000Vdc										
CSF2000K0.047-*-*#	0.047	32.0	10.5	8.0	12.5	0.8	650	31	3.0	22.0
CSF2000K0.068-*-*#	0.068	32.0	12.5	9.5	14.5	0.8	650	44	4.0	16.0
CSF2000K0.1-*-*#	0.1	32.0	15.5	10.5	18.5	0.8	650	65	5.5	12.0
CSF2000K0.15-*-*#	0.15	32.0	18.5	13.5	21.5	1.0	650	98	7.5	8.5
CSF2000K0.22-*-*#	0.22	44.0	18.0	13.0	21.0	1.0	400	88	9.0	7.5
CSF2000K0.33-*-*#	0.33	44.0	21.5	15.0	26.5	1.2	400	132	12.0	5.5
CSF2000K0.47-*-*#	0.47	44.0	25.5	19.0	30.0	1.2	400	188	12.0	4.8
CSF2000K0.68-*-*#	0.68	57.0	30.5	23.5	34.5	1.2	400	272	12.0	3.8
CSF2000K1.0-*-*#	1.0	57.0	31.0	24.0	35.0	1.2	220	220	12.0	4.5
CSF2000K1.5-*-*#	1.5	57.0	38.0	30.5	42.0	1.2	220	330	12.0	3.7
Ur 3000Vdc Urms750Vac, Upk 4500Vdc										
CSF3000K0.01-*-*#	0.01	32.0	8.5	5.5	10.5	0.8	1200	12	1.5	70.0
CSF3000K0.022-*-*#	0.022	32.0	12.0	9.0	14.0	0.8	1200	26	2.0	33.0
CSF3000K0.033-*-*#	0.033	32.0	14.5	10.0	18.0	0.8	1200	40	3.0	25.0
CSF3000K0.047-*-*#	0.047	32.0	17.5	12.5	20.5	1.0	1200	56	5.0	17.0
CSF3000K0.068-*-*#	0.068	32.0	20.5	15.5	23.5	1.0	1200	82	7.0	13.0
CSF3000K0.1-*-*#	0.1	44	20.0	15.0	23.0	1.0	750	75	7.5	12.0
CSF3000K0.22-*-*#	0.22	44	29.0	22.0	33.5	1.2	750	165	12.0	7.0
CSF3000K0.33-*-*#	0.33	57	30.0	23.0	34.0	1.2	350	115.5	12.0	6.5
CSF3000K0.47-*-*#	0.47	57	35.0	28.0	39.0	1.2	350	164.5	12.0	5.8