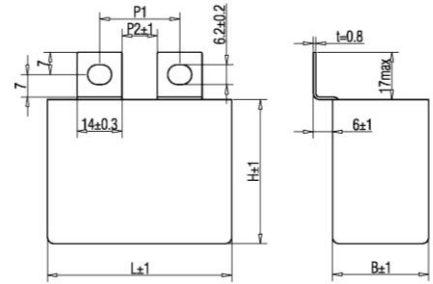
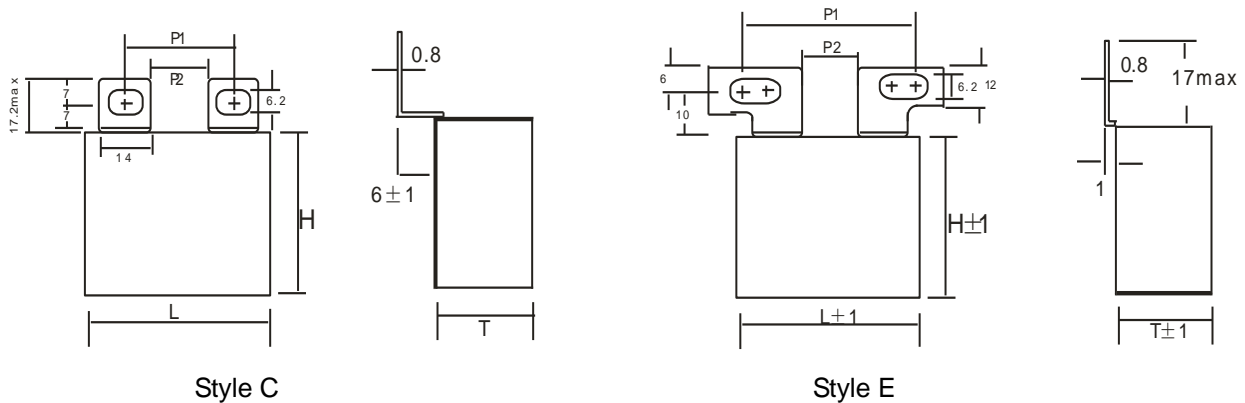


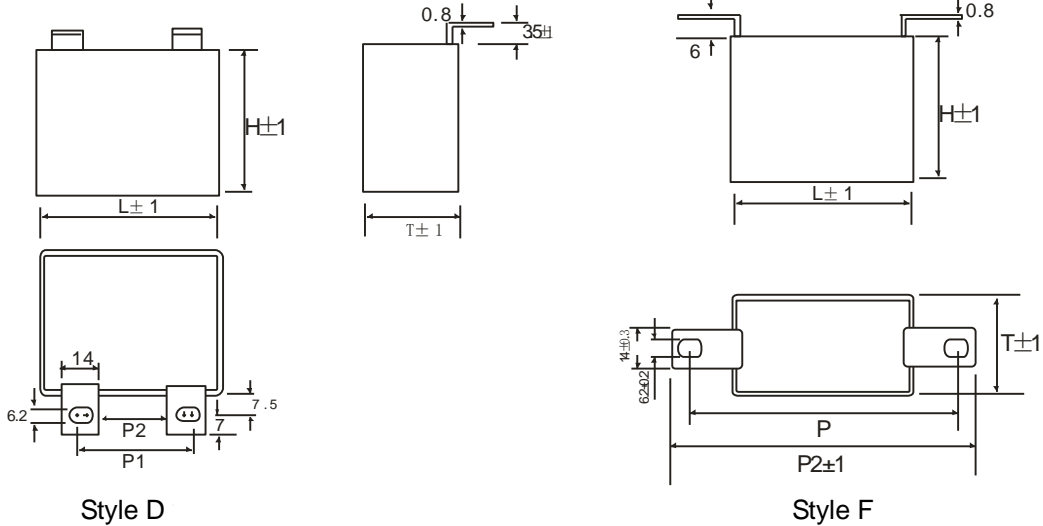
GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071-60068
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended double-side metallized carrier film with internal series connection and metallized film
Features:	High pulse current . Low inductance .high dv/dt . Self healing
Coating :	Resistant plastic case with resin sealing., Flame retardant execution(UL94V0)
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 85°C (max hotspot ≤ 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 :	3.0 KV 50Hz for 60 sec
Test voltage between terminals :	1.5Ur (DC) applied for 10s at 25±5°C



Outline drawing



Style	C1		C2		E1		E2	
	P1	P2	P1	P2	P1	P2	P1	P2
42.5	23-28	11	20-25	8	29-39	11	33-45	15
57.5	23-28	11	36-41	24	29-39	11	33-45	15



Style	D1		D2		D3		F1	
	L	P1	P2	P1	P2	P1	P2	P
42.5	23-28	11	20-25	8			67-73	91
57.5	23-28	11	36-41	24	46-58	28	82-88	106

Part Numbering System : CSA1200K0.4-*# **# = style "C1.C2. D1.D2..."

Electrical specifications

Part Number	Cap (µF)	Dimension(mm)			du/dt (v/µs)	Ipeak A	Irms max@25°C @10kHz	ESR @10kHz (mΩ)
		L	T	H				
Ur 700Vdc, Urms 380Vac, Upk 1000Vdc								
CSA700K1.0-*#	1.0	42.5	24.5	27.5	325	325	15.0	3.2
CSA700K1.2-*#	1.2	42.5	24.5	27.5	325	390	16.0	3.1
CSA700K1.5-*#	1.5	42.5	22.0	30.0	325	487	18.0	2.8
CSA700K2.0-*#	2.0	42.5	28.0	37.0	325	650	21.5	2.5
CSA700K2.2-*#	2.2	42.5	28.0	37.0	325	715	22.0	2.4
CSA700K2.5-*#	2.5	42.5	28.0	37.0	325	812	22.5	2.2
CSA700K3.0-*#	3.0	42.5	30.0	45.0	325	975	25.5	2.1
CSA700K3.3-*#	3.3	42.5	30.0	45.0	325	1072	26.0	2.1
CSA700K3.5-*#	3.5	42.5	30.0	45.0	325	1134	26.5	2.0
CSA700K4.0-*#	4.0	42.5	33.0	45.0	325	1300	32.0	1.8
CSA700K4.7-*#	4.7	57.5	30.0	45.0	220	1034	30.5	2.1
CSA700K5.0-*#	5.0	57.5	35.0	50.0	220	1100	31.0	2.1
CSA700K5.0-*#	5.0	57.5	30.0	45.0	220	1100	30.5	2.1
CSA700K5.6-*#	5.6	57.5	35.0	50.0	220	1232	32.0	2.0
CSA700K6.8-*#	6.8	57.5	35.0	50.0	220	1496	32.0	2.0
CSA700K10-*#	10	57.5	42.5	56.0	220	2200	33.0	1.3
Ur 1000Vdc, Urms 480Vac, Upk 1400Vdc								
CSA1000K0.68-*#	0.68	42.5	24.5	27.5	480	326.4	15	3.3
CSA1000K1.0-*#	1.0	42.5	28.0	37.0	480	480	17	3.0
CSA1000K1.2-*#	1.2	42.5	33.5	35.5	480	576	20	2.5
CSA1000K1.5-*#	1.5	42.5	33.5	35.5	480	720	23	2.2
CSA1000K2.0-*#	2.0	42.5	33.0	45.0	480	960	26	2.0
CSA1000K2.2-*#	2.2	57.5	30.0	45.0	350	770	26	2.5
CSA1000K2.5-*#	2.5	57.5	30.0	45.0	350	875	28	2.2
CSA1000K3.0-*#	3.0	57.5	35.0	50.0	350	1050	31	2.1
CSA1000K3.3-*#	3.3	57.5	30.0	45.0	350	1155	31	2.0
CSA1000K4.7-*#	4.7	57.5	42.5	56.0	350	1750	33	1.6

Electrical specifications

Part Number	Cap (µF)	Dimension (mm)			du/dt (v/µs)	I _{peak} A	I _{rms} max@25°C @10kHz	ESR @10kHz (mΩ)
		L	T	H				
Ur 1200Vdc, Urms 500Vac, Upk 1600Vdc								
CSA1200K0.22-*#	0.22	42.5	24.5	27.5	650	143	11	5.1
CSA1200K0.33-*#	0.33	42.5	24.5	27.5	650	210	12	5.0
CSA1200K0.47-*#	0.47	42.5	24.5	27.5	650	308	14	4.2
CSA1200K0.56-*#	0.56	42.5	24.5	27.5	650	364	14.5	4.0
CSA1200K0.68-*#	0.68	42.5	33.5	35.5	650	422	18.5	3.3
CSA1200K0.82-*#	0.82	42.5	33.5	35.5	650	533	20	3.1
CSA1200K1.0-*#	1.0	42.5	33.5	35.5	650	650	20.5	3.0
CSA1200K1.2-*#	1.2	42.5	33.0	45.0	650	780	23	2.5
CSA1200K1.5-*#	1.5	42.5	33.0	45.0	650	975	25	2.3
CSA1200K2.0-*#	2.0	57.5	30.0	45.0	450	950	27	2.5
CSA1200K2.2-*#	2.2	57.5	30.0	45.0	450	990	30	2.3
CSA1200K2.5-*#	2.5	57.5	35.0	50.0	450	1125	31	2.1
CSA1200K3.0-*#	3.0	57.5	35.0	50.0	450	1350	32	2.0
CSA1200K4.7-*#	4.7	57.5	42.5	56.0	450	2115	34	1.8
Ur 1600Vdc Urms 500Vac, Upk 2000Vdc								
CSA1600K0.33-*#	0.33	42.5	24.5	27.5	850	280.5	13	5.0
CSA1600K0.47-*#	0.47	42.5	33.5	35.5	850	399.5	18	4.1
CSA1600K0.56-*#	0.56	42.5	33.5	35.5	850	476	19	3.6
CSA1600K0.68-*#	0.68	42.5	33.5	35.5	850	578	20	3.1
CSA1600K0.82-*#	0.82	42.5	33.5	35.5	850	697	21	2.8
CSA1600K1.0-*#	1.0	57.5	30.0	45.0	850	850	22	2.5
CSA1600K1.2-*#	1.2	57.5	30.0	45.0	650	780	25	2.8
CSA1600K1.5-*#	1.5	57.5	35.0	50.0	650	975	28	2.3
CSA1600K2.0-*#	2.0	57.5	42.5	56.0	650	1300	30	2.1
Ur 2000Vdc Urms 630Vac, Upk 2500Vdc								
CSA2000K0.1-*#	0.1	42.5	24.5	27.5	1000	100	8	12
CSA2000K0.15-*#	0.15	42.5	24.5	27.5	1000	150	10	9
CSA2000K0.22-*#	0.22	42.5	24.5	27.5	1000	220	12	6
CSA2000K0.33-*#	0.33	42.5	33.5	35.5	1000	330	16	4
CSA2000K0.47-*#	0.47	42.5	33.0	45.0	1000	470	20	3.5
CSA2000K0.56-*#	0.56	42.5	33.0	45.0	1000	560	21	3.0
CSA2000K0.68-*#	0.68	57.5	30.0	45.0	700	476	22	3.6
CSA2000K0.82-*#	0.82	57.5	30.0	45.0	700	574	24	3.2
CSA2000K1.0-*#	1.0	57.5	35.0	50.0	700	700	27	2.8
CSA2000K1.8-*#	1.8	57.5	42.5	56.0	700	1260	31	2.1
Ur 3000Vdc Urms 750Vac, Upk 3500Vdc								
CSA3000K0.047-*#	0.047	42.5	24.5	27.5	1500	70.5	7	17
CSA3000K0.068-*#	0.068	42.5	24.5	27.5	1500	102	9	12
CSA3000K0.1-*#	0.1	42.5	33.5	35.5	1500	150	12	9
CSA3000K0.15-*#	0.15	42.5	33.5	35.5	1500	225	14	6
CSA3000K0.22-*#	0.22	42.5	33.0	45.0	1500	330	16	3
CSA3000K0.33-*#	0.33	57.5	30.0	45.0	800	264	21	3.6
CSA3000K0.47-*#	0.47	57.5	35.0	50.0	800	376	22	3.0