

GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071
 Dielectric : Polypropylene film
 Construction : Dry construction, Non-inductive type
 Coating : Solvent resistant plastic case. Flammability class UL94 V-0.

ELECTRICAL CHARACTERISTICS

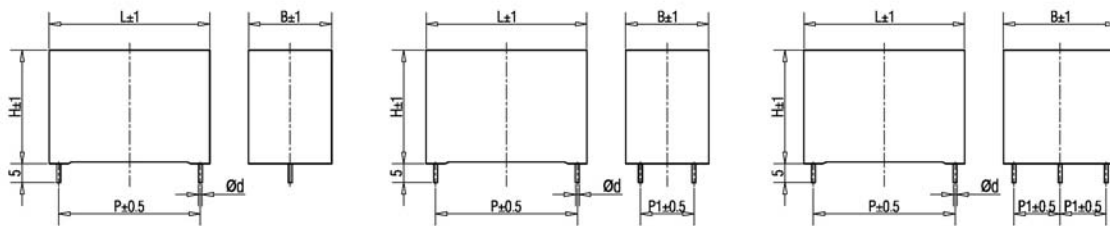
Operating temperature range : - 40 to + 105 °C (Case)
 Capacitance : 0.0047 to 5.6µF
 Rated Voltage : 700 to 3000 VDC
 Tolerance : ± 5% , ± 10%
 Dissipation factor: $\leq 6 \times 10^{-4}$ Measured at 1KHz and 20±5°C
 Life expectancy : 100,000 hours at Un and 70 °C(Hotspot temperature)

TEST METHODS AND PERFORMANCES

Dielectric strength: 1.5Un (DC) applied to 10s at 20±5°C
 Test voltage terminal to case : 3KVAC/50Hz for 60s
 Insulation resistance : 30000s but need not exceed 30GΩ,
 (typical value), after 1 minute of electrification at 100VDC (20±5°C)

ORDERING CODE

Please refer to order code



Electrical specifications, ordering codes

Ordering Code	Cap (µF)	Dimension (mm)						Du/dt (v/µs)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 700VDC , Urms 380VAC , Us 1050V											
STC-700-0.10-2T#	0.10	26.5	8.5	17.0	22.5		0.8	600	60	3.6	21.3
STC-700-0.15-2T#	0.15	26.5	10.0	18.5	22.5		0.8	600	90	5	16.3
STC-700-0.22-2T#	0.22	26.5	11.0	20.0	22.5		0.8	600	132	6.5	11.5
STC-700-0.22-2V#	0.22	31.0	11.0	20.0	27.5		1.0	485	107	6.5	15.2
STC-700-0.33-2V#	0.33	31.0	13.0	22.0	27.5		1.0	485	160	8.5	11.2
STC-700-0.47-2V#	0.47	31.0	15.0	24.5	27.5		1.0	485	228	9	6.9
STC-700-0.68-2V#	0.68	31.0	17.0	28.0	27.5		1.2	485	330	12	5.5
STC-700-0.68-4V#	0.68	31.0	17.0	28.0	27.5	5.1	1.2	485	330	16	4.6
STC-700-0.82-4V#	0.82	31.0	17.0	28.0	27.5	10.2	1.2	485	398	12	4.8
STC-700-0.82-2F#	0.82	42.5	15.0	26.0	37.5		1.2	325	267	12	5.1
STC-700-1.0-2V#	1.0	31.0	22.0	31.0	27.5		1.2	485	485	12	4.8
STC-700-1.0-4V#	1.0	31.0	22.0	31.0	27.5	10.2	1.2	485	485	19	3.9
STC-700-1.0-2F#	1.0	42.5	17.0	28.0	37.5		1.2	325	325	12	4.9
STC-700-1.5-2F#	1.5	42.5	22.0	30.0	37.5		1.2	325	488	12	4.8
STC-700-1.5-4F#	1.5	42.5	22.0	30.0	37.5	10.2	1.2	325	488	19	5.2
STC-700-2.0-2F#	2.0	42.5	28.0	37.0	37.5		1.2	325	650	12	4.5
STC-700-2.0-4F#	2.0	42.5	28.0	37.0	37.5	10.2	1.2	325	650	22	4.3
STC-700-2.2-2F#	2.2	42.5	28.0	37.0	37.5		1.2	325	715	12	4.2
STC-700-2.2-4F#	2.2	42.5	28.0	37.0	37.5	20.3	1.2	325	715	22	3.8
STC-700-3.0-2F#	3.0	42.5	30.0	45.0	37.5		1.2	325	975	12	3.9
STC-700-3.0-4F#	3.0	42.5	30.0	45.0	37.5	20.3	1.2	325	975	22	3.6
STC-700-3.0-6F#	3.0	42.5	30.0	45.0	37.5	10.2	1.2	325	975	27	3.5

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)						Du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 700VDC , Urms 380VAC , Us 1050V											
STC-700-3.3-2F#	3.3	42.5	30.0	45.0	37.5		1.2	325	1073	12	3.8
STC-700-3.3-4F#	3.3	42.5	30.0	45.0	37.5	20.3	1.2	325	1073	22	3.6
STC-700-3.3-6F#	3.3	42.5	30.0	45.0	37.5	10.2	1.2	325	1073	27	3.2
STC-700-4.0-2F#	4.0	42.5	33.0	45.0	37.5		1.2	325	1300	13	3.2
STC-700-4.0-4F#	4.0	42.5	33.0	45.0	37.5	20.3	1.2	325	1300	23	3.1
STC-700-4.0-6F#	4.0	42.5	33.0	45.0	37.5	10.2	1.2	325	1300	28	3.0
STC-700-4.0-2G#	4.0	57.5	30.0	45.0	52.5		1.2	200	800	12	4.5
STC-700-4.0-4G#	4.0	57.5	30.0	45.0	52.5	20.3	1.2	200	800	22	3.6
STC-700-4.0-6G#	4.0	57.5	30.0	45.0	52.5	10.2	1.2	200	800	27	3.6
STC-700-4.7-2G#	4.7	57.5	30.0	45.0	52.5		1.2	200	940	12	4.5
STC-700-4.7-4G#	4.7	57.5	30.0	45.0	52.5	20.3	1.2	200	940	22	4.2
STC-700-4.7-6G#	4.7	57.5	30.0	45.0	52.5	10.2	1.2	200	940	31	3.9
STC-700-5.0-2G#	5.0	57.5	30.0	45.0	52.5		1.2	200	1000	12	4.4
STC-700-5.0-4G#	5.0	57.5	30.0	45.0	52.5	20.3	1.2	200	1000	22	4.1
STC-700-5.0-6G#	5.0	57.5	30.0	45.0	52.5	10.2	1.2	200	1000	31	4.1
STC-700-5.6-2G#	5.6	57.5	35.0	50.0	52.5		1.2	200	1120	12	4.1
STC-700-5.6-4G#	5.6	57.5	35.0	50.0	52.5	20.3	1.2	200	1120	22	3.8
STC-700-5.6-6G#	5.6	57.5	35.0	50.0	52.5	10.2	1.2	200	1120	31	3.6
Un 850VDC , Urms 450VAC , Us 1275V											
STC-850-0.068-2T#	0.068	26.5	8.5	17.0	22.5		0.8	850	58	3.5	21.5
STC-850-0.10-2T#	0.10	26.5	10.0	18.5	22.5		0.8	850	85	4.5	18.7
STC-850-0.15-2T#	0.15	26.5	11.0	20.0	22.5		0.8	850	128	6.5	11.2
STC-850-0.15-2V#	0.15	31.0	11.0	20.0	27.5		0.8	700	105	6.5	12.9
STC-850-0.22-2V#	0.22	31.0	13.0	22.0	27.5		1.0	700	154	8	9.6
STC-850-0.33-2V#	0.33	31.0	15.0	24.5	27.5		1.0	700	231	9	7.5
STC-850-0.47-2V#	0.47	31.0	18.0	33.0	27.5		1.2	700	329	12	5.9
STC-850-0.47-4V#	0.47	31.0	18.0	33.0	27.5	10.2	1.2	700	329	16	5.1
STC-850-0.56-2V#	0.56	31.0	18.0	33.0	27.5		1.2	700	392	18	4.7
STC-850-0.56-4V#	0.56	31.0	18.0	33.0	27.5	10.2	1.2	700	392	12	5.6
STC-850-0.56-2F#	0.56	42.5	15.0	26.0	37.5		1.2	400	224	12	5.7
STC-850-0.68-2V#	0.68	31.0	22.0	31.0	27.5		1.2	700	476	12	5.1
STC-850-0.68-4V#	0.68	31.0	22.0	31.0	27.5	10.2	1.2	700	476	19	4.2
STC-850-0.68-2F#	0.68	42.5	17.0	28.0	37.5		1.2	400	272	12	5.4
STC-850-1.0-2F#	1.0	42.5	22.0	30.0	37.5		1.2	400	400	12	5.1
STC-850-1.0-4F#	1.0	42.5	22.0	30.0	37.5	10.2	1.2	400	400	21	4.1
STC-850-1.5-2F#	1.5	42.5	28.0	37.0	37.5		1.2	400	600	12	4.2
STC-850-1.5-4F#	1.5	42.5	28.0	37.0	37.5	20.3	1.2	400	600	22	3.4
STC-850-2.0-2F#	2.0	42.5	30.0	45.0	37.5		1.2	400	800	12	3.8
STC-850-2.0-4F#	2.0	42.5	30.0	45.0	37.5	20.3	1.2	400	800	22	3.2
STC-850-2.0-6F#	2.0	42.5	30.0	45.0	37.5	10.2	1.2	400	800	26	3.2
STC-850-2.2-2F#	2.2	42.5	30.0	45.0	37.5		1.2	400	880	12	3.8
STC-850-2.2-4F#	2.2	42.5	30.0	45.0	37.5	20.3	1.2	400	880	22	3.2
STC-850-2.2-6F#	2.2	42.5	30.0	45.0	37.5	10.2	1.2	400	880	27	3.2
STC-850-2.5-2G#	2.5	57.5	30.0	45.0	52.5		1.2	275	688	12	4.5
STC-850-2.5-4G#	2.5	57.5	30.0	45.0	52.5	20.3	1.2	275	688	22	3.5
STC-850-2.5-6G#	2.5	57.5	30.0	45.0	52.5	10.2	1.2	275	688	27	3.5
STC-850-3.0-2G#	3.0	57.5	30.0	45.0	52.5		1.2	275	825	12	4.1
STC-850-3.0-4G#	3.0	57.5	30.0	45.0	52.5	20.3	1.2	275	825	22	3.2
STC-850-3.0-6G#	3.0	57.5	30.0	45.0	52.5	10.2	1.2	275	825	27	3.2
STC-850-3.3-2G#	3.3	57.5	30.0	45.0	52.5		1.2	275	908	12	4.1
STC-850-3.3-4G#	3.3	57.5	30.0	45.0	52.5	20.3	1.2	275	908	22	3.2
STC-850-3.3-6G#	3.3	57.5	30.0	45.0	52.5	10.2	1.2	275	908	29	3.2

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)						Du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 850VDC , Urms 450VAC , Us 1275V											
STC-850-4.0-2G#	4.0	57.5	35.0	50.0	52.5		1.2	275	1100	12	3.8
STC-850-4.0-4G#	4.0	57.5	35.0	50.0	52.5	20.3	1.2	275	1100	22	3.0
STC-850-4.0-6G#	4.0	57.5	35.0	50.0	52.5	10.2	1.2	275	1100	28	2.8
STC-850-4.7-2G#	4.7	57.5	35.0	50.0	52.5		1.2	275	1293	12	3.5
STC-850-4.7-4G#	4.7	57.5	35.0	50.0	52.5	20.3	1.2	275	1293	22	2.7
STC-850-4.7-6G#	4.7	57.5	35.0	50.0	52.5	10.2	1.2	275	1293	30	2.5
Un 1000VDC , Urms 480VAC , Us 1500V											
STC-1000-0.047-2T#	0.047	26.5	7.0	16.0	22.5		0.8	1000	47	3	29.7
STC-1000-0.068-2T#	0.068	26.5	8.5	17.0	22.5		0.8	1000	68	2.3	23.5
STC-1000-0.10-2T#	0.10	26.5	11.0	20.0	22.5		0.8	1000	100	5	14.5
STC-1000-0.10-2V#	0.10	31.0	9.0	18.0	27.5		0.8	850	85	5	17.8
STC-1000-0.15-2T#	0.15	26.5	12.0	22.0	22.5		0.8	1000	150	6.5	11.3
STC-1000-0.15-2V#	0.15	31.0	11.0	20.0	27.5		0.8	850	128	6.5	12.5
STC-1000-0.22-2V#	0.22	31.0	15.0	24.5	27.5		1.0	850	187	9	9.8
STC-1000-0.33-2V#	0.33	31.0	17.0	28.0	27.5		1.0	850	281	9	8.3
STC-1000-0.47-2V#	0.47	31.0	18.0	33.0	27.5		1.2	850	400	12	5.6
STC-1000-0.47-4V#	0.47	31.0	18.0	33.0	27.5	10.2	1.2	850	400	16	4.7
STC-1000-0.47-2F#	0.47	42.5	17.0	28.0	37.5		1.2	570	268	12	7.0
STC-1000-0.56-2F#	0.56	42.5	17.0	28.0	37.5		1.2	570	319	12	6.3
STC-1000-0.68-2F#	0.68	42.5	22.0	30.0	37.5		1.2	570	388	12	5.9
STC-1000-0.68-4F#	0.68	42.5	22.0	30.0	37.5	10.2	1.2	570	388	19	5.1
STC-1000-0.82-2F#	0.82	42.5	22.0	30.0	37.5		1.2	570	467	12	5.4
STC-1000-0.82-4F#	0.82	42.5	22.0	30.0	37.5	10.2	1.2	570	467	22	4.8
STC-1000-1.0-2F#	1.0	42.5	28.0	37.0	37.5		1.2	570	570	12	5.1
STC-1000-1.0-4F#	1.0	42.5	28.0	37.0	37.5	10.2	1.2	570	570	22	4.1
STC-1000-1.2-2F#	1.2	42.5	28.0	37.0	37.5		1.2	570	684	12	5.1
STC-1000-1.2-4F#	1.2	42.5	28.0	37.0	37.5	10.2	1.2	570	684	22	5.1
STC-1000-1.5-2F#	1.5	42.5	30.0	45.0	37.5		1.2	570	855	12	5.1
STC-1000-1.5-4F#	1.5	42.5	30.0	45.0	37.5	20.3	1.2	570	855	22	3.5
STC-1000-1.5-6F#	1.5	42.5	30.0	45.0	37.5	10.2	1.2	570	855	22.5	3.5
STC-1000-2.0-2F#	2.0	42.5	33.0	45.0	37.5		1.2	570	1140	11	4.7
STC-1000-2.0-4F#	2.0	42.5	33.0	45.0	37.5	20.3	1.2	570	1140	21	4.1
STC-1000-2.0-6F#	2.0	42.5	33.0	45.0	37.5	10.2	1.2	570	1140	26	3.8
STC-1000-2.0-2G#	2.0	57.5	30.0	45.0	52.5		1.2	320	640	12	4.5
STC-1000-2.0-4G#	2.0	57.5	30.0	45.0	52.5	20.3	1.2	320	640	22	3.9
STC-1000-2.0-6G#	2.0	57.5	30.0	45.0	52.5	10.2	1.2	320	640	27	3.9
STC-1000-2.2-2G#	2.2	57.5	30.0	45.0	52.5		1.2	320	704	12	3.9
STC-1000-2.2-4G#	2.2	57.5	30.0	45.0	52.5	20.3	1.2	320	704	22	4.7
STC-1000-2.2-6G#	2.2	57.5	30.0	45.0	52.5	10.2	1.2	320	704	26	3.8
STC-1000-3.0-2G#	3.0	57.5	35.0	50.0	52.5		1.2	320	960	12	4.1
STC-1000-3.0-4G#	3.0	57.5	35.0	50.0	52.5	20.3	1.2	320	960	22	3.4
STC-1000-3.0-6G#	3.0	57.5	35.0	50.0	52.5	10.2	1.2	320	960	29	3.4
STC-1000-3.3-2G#	3.3	57.5	35.0	50.0	52.5		1.2	320	1056	12	4.1
STC-1000-3.3-4G#	3.3	57.5	35.0	50.0	52.5	20.3	1.2	320	1056	22	4.5
STC-1000-3.3-6G#	3.3	57.5	35.0	50.0	52.5	10.2	1.2	320	1056	30	4.5
Un 1200VDC , Urms 500VAC , Us 1800V											
STC-1200-0.033-2T#	0.033	26.5	7.0	16.0	22.5		0.8	1300	43	3	33.8
STC-1200-0.047-2T#	0.047	26.5	8.5	17.0	22.5		0.8	1300	61	3.5	26.5
STC-1200-0.068-2T#	0.068	26.5	10.0	18.5	22.5		0.8	1300	88	4	22.4
STC-1200-0.068-2V#	0.068	31.0	9.0	18.0	27.5		0.8	1100	75	4	21.5
STC-1200-0.10-2T#	0.10	26.5	12.0	22.0	22.5		0.8	1300	130	5.5	14.6
STC-1200-0.10-2V#	0.10	31.0	11.0	20.0	27.5		0.8	1100	110	5.5	15.8

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)						Du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 1200VDC , Urms 500VAC , Us 1800V											
STC-1200-0.15-2V#	0.15	31.0	13.0	22.0	27.5		1.0	1100	165	7	12.5
STC-1200-0.22-2V#	0.22	31.0	15.0	24.5	27.5		1.0	1100	242	9	12.5
STC-1200-0.33-2V#	0.33	31.0	18.0	33.0	27.5		1.2	1100	363	12	6.5
STC-1200-0.33-4V#	0.33	31.0	18.0	33.0	27.5	10.2	1.2	1100	363	15.5	5.6
STC-1200-0.33-2F#	0.33	42.5	15.0	26.0	37.5		1.2	650	215	12	8.3
STC-1200-0.47-2V#	0.47	31.0	22.0	31.0	27.5		1.2	1100	517	12	5.1
STC-1200-0.47-4V#	0.47	31.0	22.0	31.0	27.5	10.2	1.2	1100	517	19	4.2
STC-1200-0.47-2F#	0.47	42.5	17.0	28.0	37.5		1.2	650	306	12	7.2
STC-1200-0.68-2F#	0.68	42.5	22.0	30.0	37.5		1.2	650	442	12	5.9
STC-1200-0.68-4F#	0.68	42.5	22.0	30.0	37.5	10.2	1.2	650	442	20	5.2
STC-1200-1.0-2F#	1.0	42.5	28.0	37.0	37.5		1.2	650	650	12	5.2
STC-1200-1.0-4F#	1.0	42.5	28.0	37.0	37.5	20.3	1.2	650	650	21	4.3
STC-1200-1.2-2F#	1.2	42.5	28.0	37.0	37.5		1.2	650	780	12	5.1
STC-1200-1.2-4F#	1.2	42.5	28.0	37.0	37.5	20.3	1.2	650	780	22	3.8
STC-1200-1.5-2F#	1.5	42.5	30.0	45.0	37.5		1.2	650	975	12	4.2
STC-1200-1.5-4F#	1.5	42.5	30.0	45.0	37.5	20.3	1.2	650	975	22	3.2
STC-1200-1.5-6F#	1.5	42.5	30.0	45.0	37.5	10.2	1.2	650	975	27	3.2
STC-1200-2.0-2G#	2.0	57.5	30.0	45.0	52.5		1.2	350	700	12	4.5
STC-1200-2.0-4G#	2.0	57.5	30.0	45.0	52.5	20.3	1.2	350	700	22	3.6
STC-1200-2.0-6G#	2.0	57.5	30.0	45.0	52.5	10.2	1.2	350	700	27	3.6
STC-1200-2.2-2G#	2.2	57.5	30.0	50.0	52.5		1.2	350	770	12	4.5
STC-1200-2.2-4G#	2.2	57.5	30.0	50.0	52.5	20.3	1.2	350	770	22	3.5
STC-1200-2.2-6G#	2.2	57.5	30.0	50.0	52.5	10.2	1.2	350	770	30	3.5
STC-1200-2.5-2G#	2.5	57.5	35.0	50.0	52.5		1.2	350	875	12	4.1
STC-1200-2.5-4G#	2.5	57.5	35.0	50.0	52.5	20.3	1.2	350	875	22	3.2
STC-1200-2.5-6G#	2.5	57.5	35.0	50.0	52.5	10.2	1.2	350	875	30	3.2
STC-1200-3.0-2G#	3.0	57.5	35.0	50.0	52.5		1.2	350	1050	12	3.5
STC-1200-3.0-4G#	3.0	57.5	35.0	50.0	52.5	20.3	1.2	350	1050	22	3.2
STC-1200-3.0-6G#	3.0	57.5	35.0	50.0	52.5	10.2	1.2	350	1050	29	3.2
Un 1500VDC , Urms 570VAC , Us 2250V											
STC-1500-0.022-2T#	0.022	26.5	7.0	16.0	22.5		0.8	1500	33	2.5	44.5
STC-1500-0.033-2T#	0.033	26.5	8.5	17.0	22.5		0.8	1500	50	3	33.0
STC-1500-0.047-2T#	0.047	26.5	10.0	18.5	22.5		0.8	1500	71	3.5	24.8
STC-1500-0.047-2V#	0.047	31.0	9.0	18.0	27.5		0.8	1225	58	3.5	27.3
STC-1500-0.068-2T#	0.068	26.5	12.0	22.0	22.5		0.8	1500	102	5	19.5
STC-1500-0.068-2V#	0.068	31.0	11.0	20.0	27.5		0.8	1225	83	5	20.7
STC-1500-0.10-2V#	0.10	31.0	13.0	22.0	27.5		0.8	1225	123	6.5	15.3
STC-1500-0.15-2V#	0.15	31.0	17.0	28.0	27.5		1.0	1225	184	8	10.6
STC-1500-0.22-2V#	0.22	31.0	18.0	33.0	27.5		1.2	1225	270	12	7.6
STC-1500-0.22-2F#	0.22	42.5	17.0	28.0	37.5		1.2	800	176	12	10.2
STC-1500-0.33-2F#	0.33	42.5	22.0	30.0	37.5		1.2	800	264	12	6.2
STC-1500-0.33-4F#	0.33	42.5	22.0	30.0	37.5	10.2	1.2	800	264	18	5.1
STC-1500-0.39-2F#	0.39	42.5	22.0	30.0	37.5		1.2	800	312	12	6.2
STC-1500-0.39-4F#	0.39	42.5	22.0	30.0	37.5	10.2	1.2	800	312	18	4.6
STC-1500-0.47-2F#	0.47	42.5	28.0	37.0	37.5		1.2	800	376	12	6.6
STC-1500-0.47-4F#	0.47	42.5	28.0	37.0	37.5	10.2	1.2	800	376	22	5.7
STC-1500-0.68-2F#	0.68	42.5	28.0	37.0	37.5		1.2	800	544	12	5.7
STC-1500-0.68-4F#	0.68	42.5	28.0	37.0	37.5	10.2	1.2	800	544	22	4.8
STC-1500-1.0-2F#	1.0	42.5	30.0	45.0	37.5		1.2	800	800	12	4.8
STC-1500-1.0-4F#	1.0	42.5	30.0	45.0	37.5	20.3	1.2	800	800	22	3.9
STC-1500-1.2-2G#	1.2	57.5	30.0	45.0	52.5		1.2	500	600	12	5.3
STC-1500-1.2-4G#	1.2	57.5	30.0	45.0	52.5	20.3	1.2	500	600	22	4.5

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)						Du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 1500VDC , Urms 570VAC , Us 2250V											
STC-1500-1.2-6G#	1.2	57.5	30.0	45.0	52.5	10.2	1.2	500	600	27	4.5
STC-1500-1.5-2G#	1.5	57.5	35.0	50.0	52.5		1.2	500	750	12	4.8
STC-1500-1.5-4G#	1.5	57.5	35.0	50.0	52.5	20.3	1.2	500	750	22	4.1
STC-1500-1.5-6G#	1.5	57.5	35.0	50.0	52.5	10.2	1.2	500	750	27	4.1
STC-1500-1.8-2G#	1.8	57.5	35.0	50.0	52.5		1.2	500	900	12	4.5
STC-1500-1.8-4G#	1.8	57.5	35.0	50.0	52.5	20.3	1.2	500	900	22	3.6
STC-1500-1.8-6G#	1.8	57.5	35.0	50.0	52.5	10.2	1.2	500	900	30	3.6
Un 2000VDC , Urms 630VAC , Us 3000V											
STC-2000-0.015-2T#	0.015	26.5	7.0	16.0	22.5		0.8	2150	32	2	56.2
STC-2000-0.022-2T#	0.022	26.5	8.5	17.0	22.5		0.8	2150	47	2.5	40.5
STC-2000-0.033-2T#	0.033	26.5	11.0	20.0	22.5		0.8	2150	71	3.5	31.5
STC-2000-0.033-2V#	0.033	31.0	11.0	20.0	27.5		0.8	1750	58	4	35.5
STC-2000-0.047-2T#	0.047	26.5	12.0	22.0	22.5		0.8	2150	101	4.5	22.5
STC-2000-0.047-2V#	0.047	31.0	11.0	20.0	27.5		0.8	1750	82	4.5	25.2
STC-2000-0.068-2V#	0.068	31.0	13.0	22.0	27.5		0.8	1750	119	5.5	18.2
STC-2000-0.10-2V#	0.10	31.0	17.0	28.0	27.5		1.0	1750	175	8	15.7
STC-2000-0.15-2V#	0.15	31.0	18.0	33.0	27.5		1.2	1750	263	11	12.5
STC-2000-0.15-4V#	0.15	31.0	18.0	33.0	27.5	10.2	1.2	1750	263	12	10.5
STC-2000-0.15-2F#	0.15	42.5	15.0	26.0	37.5		1.2	1000	150	9	15.8
STC-2000-0.22-2F#	0.22	42.5	22.0	30.0	37.5		1.2	1000	220	12	7.8
STC-2000-0.33-2F#	0.33	42.5	28.0	37.0	37.5		1.2	1000	330	12	7.2
STC-2000-0.33-4F#	0.33	42.5	28.0	37.0	37.5	10.2	1.2	1000	330	18	4.6
STC-2000-0.39-2F#	0.39	42.5	28.0	37.0	37.5		1.2	1000	390	12	7.1
STC-2000-0.39-4F#	0.39	42.5	28.0	37.0	37.5	20.3	1.2	1000	390	19	4.5
STC-2000-0.47-2F#	0.47	42.5	28.0	37.0	37.5		1.2	1000	470	12	6.2
STC-2000-0.47-4F#	0.47	42.5	28.0	37.0	37.5	20.3	1.2	1000	470	22	5.1
STC-2000-0.56-2F#	0.56	42.5	30.0	45.0	37.5		1.2	1000	560	12	5.6
STC-2000-0.56-4F#	0.56	42.5	30.0	45.0	37.5	20.3	1.2	1000	560	22	4.6
STC-2000-0.56-6F#	0.56	42.5	33.0	45.0	37.5	10.2	1.2	1000	560	27	4.6
STC-2000-0.68-2F#	0.68	42.5	33.0	45.0	37.5		1.2	1000	680	12	5.6
STC-2000-0.68-4F#	0.68	42.5	33.0	45.0	37.5	20.3	1.2	1000	680	22	4.6
STC-2000-0.68-6F#	0.68	42.5	33.0	45.0	37.5	10.2	1.2	1000	680	28	4.5
STC-2000-0.68-2G#	0.68	57.5	30.0	45.0	52.5		1.2	580	394	12	6.5
STC-2000-0.68-4G#	0.68	57.5	30.0	45.0	52.5	20.3	1.2	580	394	22	5.4
STC-2000-0.68-6G#	0.68	57.5	30.0	45.0	52.5	10.2	1.2	580	394	27	5.4
STC-2000-0.82-2G#	0.82	57.5	30.0	45.0	52.5		1.2	580	476	12	5.9
STC-2000-0.82-4G#	0.82	57.5	30.0	45.0	52.5	20.3	1.2	580	476	22	4.8
STC-2000-0.82-6G#	0.82	57.5	30.0	45.0	52.5	10.2	1.2	580	476	24	4.6
STC-2000-1.0-2G#	1.0	57.5	35.0	50.0	52.5		1.2	580	580	12	5.4
STC-2000-1.0-4G#	1.0	57.5	35.0	50.0	52.5	20.3	1.2	580	580	22	4.5
STC-2000-1.0-6G#	1.0	57.5	35.0	50.0	52.5	10.2	1.2	580	580	29	4.5
STC-2000-1.2-2G#	1.2	57.5	35.0	50.0	52.5		1.2	580	696	12	4.8
STC-2000-1.2-4G#	1.2	57.5	35.0	50.0	52.5	20.3	1.2	580	696	22	3.7
STC-2000-1.2-6G#	1.2	57.5	35.0	50.0	52.5	10.2	1.2	580	696	29	3.7
Un 2500VDC , Urms 700VAC , Us 3750V											
STC-2500-0.0068-2T#	0.0068	26.5	7.0	16.0	22.5		0.8	2650	18	1.5	102
STC-2500-0.010-2T#	0.010	26.5	8.5	17.0	22.5		0.8	2650	27	2	76.5
STC-2500-0.015-2T#	0.015	26.5	10.0	18.5	22.5		0.8	2650	40	2.5	54.0
STC-2500-0.022-2T#	0.022	26.5	12.0	22.0	22.5		0.8	2650	58	3	39.8
STC-2500-0.022-2V#	0.022	31.0	11.0	20.0	27.5		0.8	2150	47	3	45.7
STC-2500-0.033-2V#	0.033	31.0	11.0	20.0	27.5		0.8	2150	71	4	33.8
STC-2500-0.047-2V#	0.047	31.0	13.0	22.0	27.5		0.8	2150	101	5.5	25.0

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)						Du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10KHz (A)	ESR@100KHz (m Ω)
		L	B	H	P	P1	d				
Un 2500VDC , Urms 700VAC , Us 3750V											
STC-2500-0.068-2V#	0.068	31.0	17.0	28.0	27.5		1.0	2150	146	8	17.3
STC-2500-0.10-2V#	0.10	31.0	18.0	33.0	27.5		1.2	2150	215	10	11.5
STC-2500-0.10-4V#	0.10	31.0	18.0	33.0	27.5	10.2	1.2	2150	215	11.5	11.5
STC-2500-0.10-2F#	0.10	42.5	15.0	26.0	37.5		1.2	1350	135	8.5	17.5
STC-2500-0.15-2F#	0.15	42.5	22.0	30.0	37.5		1.2	1350	203	11	11.5
STC-2500-0.15-4F#	0.15	42.5	22.0	30.0	37.5	10.2	1.2	1350	203	15	9.8
STC-2500-0.22-2F#	0.22	42.5	28.0	37.0	37.5		1.2	1350	297	12	8.7
STC-2500-0.22-4F#	0.22	42.5	28.0	37.0	37.5	10.2	1.2	1350	297	22	7.8
STC-2500-0.33-2F#	0.33	42.5	28.0	37.0	37.5		1.2	1350	446	12	6.5
STC-2500-0.33-4F#	0.33	42.5	28.0	37.0	37.5	20.3	1.2	1350	446	20	5.9
STC-2500-0.39-2F#	0.39	42.5	30.0	45.0	37.5		1.2	1350	527	12	5.8
STC-2500-0.39-4F#	0.39	42.5	30.0	45.0	37.5	20.3	1.2	1350	527	20	5.6
STC-2500-0.39-6F#	0.39	42.5	33.0	45.0	37.5	10.2	1.2	1350	527	25	5.6
STC-2500-0.47-6F#	0.47	42.5	33.0	45.0	37.5	10.2	1.2	1350	635	25	5.3
STC-2500-0.47-2G#	0.47	57.5	30.0	45.0	52.5		1.2	750	353	12	6.5
STC-2500-0.47-4G#	0.47	57.5	30.0	45.0	52.5	20.3	1.2	750	353	22	5.8
STC-2500-0.56-2G#	0.56	57.5	30.0	45.0	52.5		1.2	750	420	12	6.5
STC-2500-0.56-4G#	0.56	57.5	30.0	45.0	52.5	20.3	1.2	750	420	22	5.4
STC-2500-0.56-6G#	0.56	57.5	30.0	45.0	52.5	10.2	1.2	750	420	25	5.4
STC-2500-0.68-2G#	0.68	57.5	35.0	50.0	52.5		1.2	750	510	12	6.2
STC-2500-0.68-4G#	0.68	57.5	35.0	50.0	52.5	20.3	1.2	750	510	22	5.1
STC-2500-0.68-6G#	0.68	57.5	35.0	50.0	52.5	10.2	1.2	750	510	25	5.1
STC-2500-0.82-2G#	0.82	57.5	35.0	50.0	52.5		1.2	750	615	12	5.6
STC-2500-0.82-4G#	0.82	57.5	35.0	50.0	52.5	20.3	1.2	750	615	22	4.5
STC-2500-0.82-6G#	0.82	57.5	35.0	50.0	52.5	10.2	1.2	750	615	26	4.2
Un 3000VDC , Urms 750VAC , Us 4500V											
STC-3000-0.0047-2T#	0.0047	26.5	7.0	16.0	22.5		0.8	3400	16	1.5	130.5
STC-3000-0.010-2T#	0.010	26.5	8.5	17.0	22.5		0.8	3400	34	2	96.0
STC-3000-0.010-2T#	0.010	26.5	11.0	20.0	22.5		0.8	3400	34	2.5	68.5
STC-3000-0.010-2V#	0.010	31.0	9.0	18.0	27.5		0.8	2750	28	2.5	81.5
STC-3000-0.022-2T#	0.022	26.5	12.0	22.0	22.5		0.8	3400	51	3	49.5
STC-3000-0.022-2V#	0.022	31.0	11.0	20.0	27.5		0.8	2750	61	3	57.5
STC-3000-0.022-2VS	0.022	31.0	13.0	22.0	27.5		0.8	2750	61	4	39.7
STC-3000-0.033-2V#	0.033	31.0	15.0	24.5	27.5		0.8	2750	91	5	28.5
STC-3000-0.047-2V#	0.047	31.0	18.0	33.0	27.5		1.0	2750	129	7.5	20.7
STC-3000-0.10-2F#	0.10	42.5	22.0	30.0	37.5		1.2	1600	160	10	14.5
STC-3000-0.10-4F#	0.10	42.5	22.0	30.0	37.5	10.2	1.2	1600	160	12.5	13.5
STC-3000-0.15-2F#	0.15	42.5	28.0	37.0	37.5		1.2	1600	240	12	10.2
STC-3000-0.15-4F#	0.15	42.5	28.0	37.0	37.5	10.2	1.2	1600	240	14.5	9.5
STC-3000-0.18-4F#	0.18	42.5	28.0	37.0	37.5	10.2	1.2	1600	288	16	8.7
STC-3000-0.22-2F#	0.22	42.5	30.0	45.0	37.5		1.2	1600	352	12	8.7
STC-3000-0.22-4F#	0.22	42.5	30.0	45.0	37.5	20.3	1.2	1600	352	18	7.1
STC-3000-0.22-6F#	0.22	42.5	33.0	45.0	37.5	10.2	1.2	1600	352	25	9.2
STC-3000-0.24-6F#	0.24	42.5	33.0	45.0	37.5	10.2	1.2	1600	384	24	8.7
STC-3000-0.27-6F#	0.27	42.5	33.0	45.0	37.5	10.2	1.2	1600	432	26	8.6
STC-3000-0.33-6F#	0.33	42.5	33.0	45.0	37.5	10.2	1.2	1600	528	24	8.0
STC-3000-0.33-2G#	0.33	57.5	30.0	45.0	52.5		1.2	875	289	12	8.6
STC-3000-0.33-4G#	0.33	57.5	30.0	45.0	52.5	20.3	1.2	875	289	20	9.0
STC-3000-0.35-6F#	0.35	42.5	33.0	45.0	37.5	10.2	1.2	1600	560	28	5.2
STC-3000-0.47-2G#	0.47	57.5	35.0	50.0	52.5		1.2	875	411	12	7.3
STC-3000-0.47-4G#	0.47	57.5	35.0	50.0	52.5	20.3	1.2	875	411	22	5.7