

HCSA

Snubber capacitor for IGBT (Axial-type)

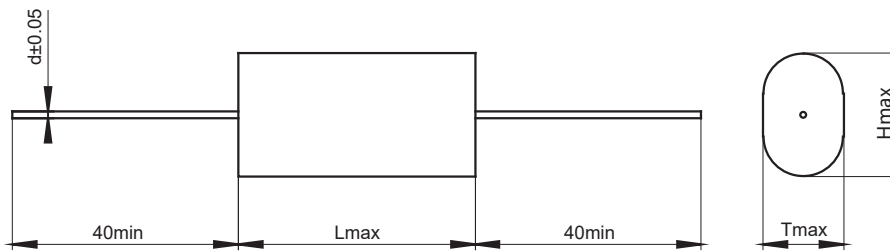
Features

- Metallized polypropylene film, axial-type
- Excellent self-healing property
- Low Loss and small inherent temperature rise
- Wrapped with polyester adhesive tape and ends filled with flame retardant epoxy resin (UL94 V-0)

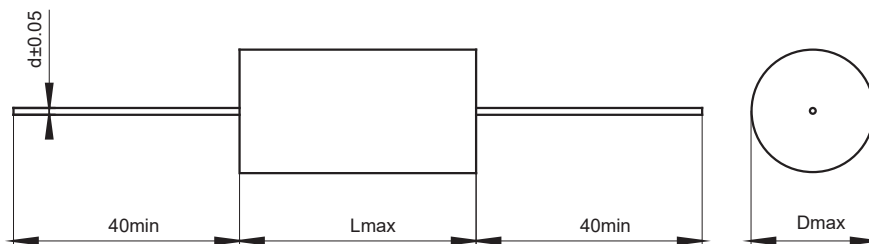


Outline Drawing

Axial flat:



Axial:

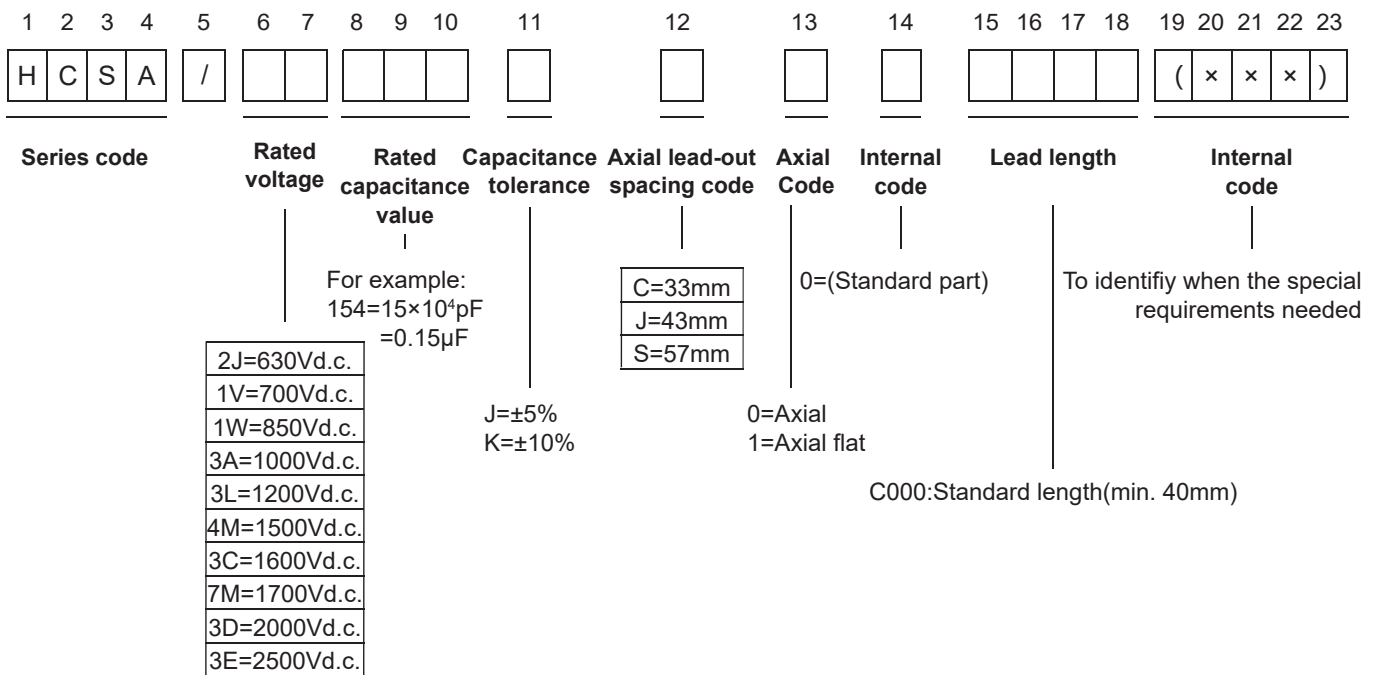


Note: The dimensions of the product are in mm units.
Outline dimensions can be found in the Product Dimensions Table.

Specifications

Reference standard	GB/T 17702 (IEC 61071)	
Climatic category	40/85/56	
Operating temperature range	-40°C~105°C (85°C~105°C: decreasing factor 2.5% per °C for U _N)	
Rated voltage	630Vd.c.~2500Vd.c.	
Capacitance range	0.047μF ~ 10μF	
Capacitance tolerance	±5%(J),±10%(K)	
Voltage proof	1.5U _N (10s)	
Dissipation factor	≤0.0005 (1kHz,20°C)	
Insulation Resistance (IR×C _N)	IR ≥ 100000MΩ, C _N ≤ 0.33μF IR×C _N ≥ 30000s, C _N > 0.33μF	(20°C, 100Vd.c., 1min)
Expected lifetime	≥ 100,000h@U _N , Θ _{hs} = 70°C	

Ordering Information



Outline Dimensions

630Vd.c./700Vd.c.(420Va.c.)#												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ī (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.22	34.0	10.8	34.0	14.7	6.8	0.8	700	154	9.5	4.5	17	HCSA/2J224-C*0C000(+++)
0.33	34.0	12.7	34.0	15.5	9.3	0.8	700	231	7.5	5.8	17	HCSA/2J334-C*0C000(+++)
0.47	34.0	14.7	34.0	18.4	10.6	0.8	700	329	6.0	7.5	17	HCSA/2J474-C*0C000(+++)
0.68	34.0	17.2	34.0	20.9	13.1	1.0	700	476	5.0	9.0	17	HCSA/2J684-C*0C000(+++)
0.82	34.0	18.7	34.0	22.4	14.6	1.0	700	574	4.5	9.1	17	HCSA/2J824-C*0C000(+++)
1.0	34.0	20.4	34.0	24.2	16.3	1.0	700	700	4.3	10.5	18	HCSA/2J105-C*0C000(+++)
1.2	34.0	22.1	34.0	25.9	18.1	1.2	700	840	4.2	10.9	19	HCSA/2J125-C*0C000(+++)
1.5	34.0	24.5	34.0	28.3	20.5	1.2	700	1050	4.0	12.5	19	HCSA/2J155-C*0C000(+++)
2.0	34.0	28.0	34.0	31.9	24.0	1.2	700	1400	4.0	13.5	20	HCSA/2J205-C*0C000(+++)
0.82	44.0	15.8	44.0	19.2	11.3	1.0	475	389.5	5.2	8.4	20	HCSA/2J824-J*0C000(+++)
1.0	44.0	17.1	44.0	20.5	12.7	1.0	475	475	5.0	10.0	21	HCSA/2J105-J*0C000(+++)
1.2	44.0	18.5	44.0	21.9	14.1	1.2	475	570	4.8	10.3	21	HCSA/2J125-J*0C000(+++)
1.5	44.0	20.4	44.0	23.8	16.0	1.2	475	712.5	4.5	12.0	21	HCSA/2J155-J*0C000(+++)
2.0	44.0	23.2	44.0	26.6	18.8	1.2	475	950	4.3	14.0	22	HCSA/2J205-J*0C000(+++)
2.2	44.0	24.2	44.0	27.7	19.8	1.2	475	1045	4.0	14.0	23	HCSA/2J225-J*0C000(+++)
2.5	44.0	25.7	44.0	29.1	21.3	1.2	475	1187.5	4.0	14.0	23	HCSA/2J255-J*0C000(+++)
3.0	44.0	27.9	44.0	31.4	23.5	1.2	475	1425	4.0	14.0	24	HCSA/2J305-J*0C000(+++)
3.3	44.0	29.2	44.0	32.7	24.8	1.2	475	1567.5	4.0	14.0	25	HCSA/2J335-J*0C000(+++)
4.0	44.0	31.9	44.0	35.4	27.6	1.2	475	1900	4.0	14.0	26	HCSA/2J405-J*0C000(+++)
4.7	44.0	34.4	44.0	38.0	30.1	1.2	475	2232.5	4.0	14.0	26	HCSA/2J475-J*0C000(+++)
5.0	44.0	35.4	44.0	39.0	31.1	1.2	475	2375	3.6	14.0	27	HCSA/2J505-J*0C000(+++)
3.3	58.0	24.5	58.0	28.2	20.4	1.2	300	990	4.5	14.0	27	HCSA/2J335-S*0C000(+++)
4.0	58.0	26.7	58.0	30.5	22.7	1.2	300	1200	4.0	14.0	28	HCSA/2J405-S*0C000(+++)
4.7	58.0	28.7	58.0	32.6	24.8	1.2	300	1410	3.8	14.0	29	HCSA/2J475-S*0C000(+++)
5.0	58.0	29.5	58.0	33.5	25.6	1.2	300	1500	3.6	14.0	29	HCSA/2J505-S*0C000(+++)
5.6	58.0	31.1	58.0	35.1	27.3	1.2	300	1680	3.5	14.0	29	HCSA/2J565-S*0C000(+++)
6.0	58.0	32.1	58.0	36.2	28.3	1.2	300	1800	3.5	14.0	31	HCSA/2J605-S*0C000(+++)
6.8	58.0	34.0	58.0	38.2	30.3	1.2	300	2040	3.5	14.0	31	HCSA/2J685-S*0C000(+++)
8.2	58.0	37.0	58.0	41.4	33.6	1.2	300	2460	3.5	14.0	33	HCSA/2J825-S*0C000(+++)
10.0	58.0	40.6	58.0	46.6	35.6	1.2	300	3000	3.5	14.0	34	HCSA/2J106-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "# when the rated voltage is 700Vd.c., the digit 6~7 is 1V;
 (3) "ESR", "Ls" are typical values.

Outline Dimensions

850Vd.c.(450Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	I [∧] (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.1	-	-	34.0	11.6	5.3	0.8	900	90	13.5	3.5	16	HCSA/1W104-C*0C000(+++)
0.15	34.0	10.2	34.0	12.9	6.6	0.8	900	135	10.5	4.5	16	HCSA/1W154-C*0C000(+++)
0.22	34.0	11.8	34.0	14.4	8.1	0.8	900	198	8.0	5.0	16	HCSA/1W224-C*0C000(+++)
0.33	34.0	13.9	34.0	16.5	10.2	0.8	900	297	6.5	6.3	17	HCSA/1W334-C*0C000(+++)
0.47	34.0	16.2	34.0	19.6	11.7	1.0	900	423	5.5	7.8	17	HCSA/1W474-C*0C000(+++)
0.68	34.0	19.0	34.0	22.3	14.4	1.0	900	612	4.5	9.9	18	HCSA/1W684-C*0C000(+++)
0.82	34.0	20.7	34.0	23.9	16.1	1.2	900	738	4.2	11.4	19	HCSA/1W824-C*0C000(+++)
1.0	34.0	22.6	34.0	25.8	18.0	1.2	900	900	4.0	12.9	19	HCSA/1W105-C*0C000(+++)
1.2	34.0	24.6	34.0	27.8	19.9	1.2	900	1080	3.5	13.6	20	HCSA/1W125-C*0C000(+++)
1.5	34.0	27.2	34.0	30.4	22.5	1.2	900	1350	3.5	14.0	20	HCSA/1W155-C*0C000(+++)
0.33	44.0	12.1	44.0	15.3	7.5	0.8	600	198	7	6.1	20	HCSA/1W334-J*0C000(+++)
0.47	44.0	13.8	44.0	17.0	9.2	1.0	600	282	5.5	7.9	20	HCSA/1W474-J*0C000(+++)
0.68	44.0	16.0	44.0	19.2	11.3	1.0	600	408	5.5	9.5	21	HCSA/1W684-J*0C000(+++)
0.82	44.0	17.3	44.0	20.5	12.6	1.0	600	492	5.0	10.5	22	HCSA/1W824-J*0C000(+++)
1.0	44.0	18.9	44.0	22.0	14.1	1.0	600	600	4.5	11.5	22	HCSA/1W105-J*0C000(+++)
1.2	44.0	20.5	44.0	23.5	15.7	1.2	600	720	4.3	13.5	22	HCSA/1W125-J*0C000(+++)
1.5	44.0	22.6	44.0	25.7	17.8	1.2	600	900	4.0	14.0	22	HCSA/1W155-J*0C000(+++)
2.0	44.0	25.7	44.0	29.6	20.1	1.2	600	1200	4.0	14.0	24	HCSA/1W205-J*0C000(+++)
2.2	44.0	26.9	44.0	30.7	21.3	1.2	600	1320	4.0	14.0	24	HCSA/1W225-J*0C000(+++)
2.5	44.0	28.5	44.0	32.3	22.9	1.2	600	1500	4.0	14.0	25	HCSA/1W255-J*0C000(+++)
3.0	44.0	31.0	44.0	35.6	24.6	1.2	600	1800	4.0	14.0	26	HCSA/1W305-J*0C000(+++)
2.0	58.0	21.8	58.0	25.3	17.5	1.2	375	750	4.3	14.0	26	HCSA/1W205-S*0C000(+++)
2.2	58.0	22.7	58.0	26.3	18.4	1.2	375	825	4.3	14.0	27	HCSA/1W225-S*0C000(+++)
2.5	58.0	24.0	58.0	27.6	19.8	1.2	375	938	4.0	14.0	27	HCSA/1W255-S*0C000(+++)
3.0	58.0	26.0	58.0	29.8	21.9	1.2	375	1125	4.0	14.0	28	HCSA/1W305-S*0C000(+++)
3.3	58.0	27.1	58.0	31.7	22.3	1.2	375	1238	4.0	14.0	29	HCSA/1W335-S*0C000(+++)
4.0	58.0	29.6	58.0	35.1	24.1	1.2	375	1500	4.0	14.0	30	HCSA/1W405-S*0C000(+++)
4.7	58.0	31.8	58.0	37.4	26.4	1.2	375	1763	4.0	14.0	31	HCSA/1W475-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.

Outline Dimensions

850Vd.c.(450Va.c.)												
C _N (μF)	Axial		Flat			d	dv/dt (V/μs)	I [∧] (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
5.0	58.0	32.7	58.0	38.4	27.4	1.2	375	1875	4.0	14.0	31	HCSA/1W505-S*0C000(+++)
5.6	58.0	34.5	58.0	38.7	30.9	1.2	375	2100	4.0	14.0	33	HCSA/1W565-S*0C000(+++)
6.0	58.0	35.6	58.0	39.9	32.0	1.2	375	2250	4.0	14.0	33	HCSA/1W605-S*0C000(+++)
6.8	58.0	37.7	58.0	43.6	32.6	1.2	375	2550	4.0	14.0	34	HCSA/1W685-S*0C000(+++)
8.2	58.0	41.2	58.0	48.7	34.6	1.2	375	3075	4.0	14.0	36	HCSA/1W825-S*0C000(+++)
1000Vd.c.(500Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	I [∧] (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.1	34.0	9.9	34.0	13.7	5.8	0.8	1050	105	12.5	4.2	16	HCSA/3A104-C*0C000(+++)
0.15	34.0	11.5	34.0	14.2	7.9	0.8	1050	158	10.0	5.0	16	HCSA/3A154-C*0C000(+++)
0.22	34.0	13.5	34.0	16.0	9.8	0.8	1050	231	7.5	7.0	17	HCSA/3A224-C*0C000(+++)
0.33	34.0	16.0	34.0	19.4	11.5	1.0	1050	347	6.0	8.5	17	HCSA/3A334-C*0C000(+++)
0.47	34.0	18.7	34.0	22.0	14.1	1.0	1050	494	5.0	10.0	18	HCSA/3A474-C*0C000(+++)
0.68	34.0	22.0	34.0	25.3	17.4	1.2	1050	714	4.0	12.1	18	HCSA/3A684-C*0C000(+++)
0.82	34.0	24.0	34.0	27.2	19.3	1.2	1050	861	4.0	12.5	19	HCSA/3A824-C*0C000(+++)
1.0	34.0	26.3	34.0	29.4	21.6	1.2	1050	1050	3.5	13.7	20	HCSA/3A105-C*0C000(+++)
0.33	44.0	13.7	44.0	16.9	9.0	1.0	780	257	5.0	9.0	20	HCSA/3A334-J*0C000(+++)
0.47	44.0	15.8	44.0	18.9	11.1	1.0	780	367	6.0	9.2	21	HCSA/3A474-J*0C000(+++)
0.68	44.0	18.4	44.0	21.5	13.7	1.0	780	530	5.0	10.1	21	HCSA/3A684-J*0C000(+++)
0.82	44.0	20.0	44.0	23.1	15.2	1.2	780	640	4.5	11.4	22	HCSA/3A824-J*0C000(+++)
1.0	44.0	21.8	44.0	24.9	17.0	1.2	780	780	4.0	12.8	22	HCSA/3A105-J*0C000(+++)
1.2	44.0	23.7	44.0	26.7	18.9	1.2	780	936	4.0	13.2	23	HCSA/3A125-J*0C000(+++)
1.5	44.0	26.2	44.0	29.2	21.4	1.2	780	1170	4.0	14.0	23	HCSA/3A155-J*0C000(+++)
2.0	44.0	29.9	44.0	34.5	23.5	1.2	780	1560	4.0	14.0	25	HCSA/3A205-J*0C000(+++)
2.2	44.0	31.3	44.0	34.3	26.4	1.2	780	1716	4.0	14.0	26	HCSA/3A225-J*0C000(+++)
1.5	58.0	22.2	58.0	25.7	17.9	1.2	425	638	5.0	14.0	26	HCSA/3A155-S*0C000(+++)
2.0	58.0	25.1	58.0	29.6	20.2	1.2	425	850	4.5	14.0	27	HCSA/3A205-S*0C000(+++)
2.2	58.0	26.2	58.0	31.6	20.6	1.2	425	935	4.0	14.0	28	HCSA/3A225-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.

Outline Dimensions

1000Vd.c.(500Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
2.5	58.0	27.7	58.0	33.2	22.2	1.2	425	1063	4.0	14.0	28	HCSA/3A255-S*0C000(+++)
3.0	58.0	30.1	58.0	35.7	24.7	1.2	425	1275	4.0	14.0	29	HCSA/3A305-S*0C000(+++)
3.3	58.0	31.4	58.0	37.0	26.0	1.2	425	1403	4.0	14.0	30	HCSA/3A335-S*0C000(+++)
4.0	58.0	34.3	58.0	40.1	29.1	1.2	425	1700	4.0	14.0	31	HCSA/3A405-S*0C000(+++)
4.7	58.0	37.0	58.0	42.8	31.9	1.2	425	1998	4.0	14.0	32	HCSA/3A475-S*0C000(+++)
5.0	58.0	38.1	58.0	45.5	31.4	1.2	425	2125	4.0	14.0	33	HCSA/3A505-S*0C000(+++)
1200Vd.c.(600Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.1	34.0	11.4	34.0	14.0	7.7	0.8	1350	135	13.5	5.5	17	HCSA/3L104-C*0C000(+++)
0.15	34.0	13.4	34.0	15.9	9.7	0.8	1350	203	10.0	6.5	17	HCSA/3L154-C*0C000(+++)
0.22	34.0	15.7	34.0	18.2	11.9	0.8	1350	297	6.8	9.0	18	HCSA/3L224-C*0C000(+++)
0.33	34.0	18.7	34.0	22.0	14.2	0.8	1350	446	5.5	9.4	18	HCSA/3L334-C*0C000(+++)
0.47	34.0	21.9	34.0	25.2	17.3	0.8	1350	635	4.0	11.9	18	HCSA/3L474-C*0C000(+++)
0.68	34.0	26.0	34.0	29.2	21.3	1.0	1350	918	4.0	13.0	19	HCSA/3L684-C*0C000(+++)
0.82	34.0	28.4	34.0	31.5	23.6	1.2	1350	1107	4.0	13.6	19	HCSA/3L824-C*0C000(+++)
0.1	44.0	10.2	34.0	13.6	5.7	1.2	1000	100	11.5	6.6	20	HCSA/3L104-J*0C000(+++)
0.22	44.0	13.6	34.0	16.8	9.0	1.2	1000	220	7.5	7.7	20	HCSA/3L224-J*0C000(+++)
0.33	44.0	16.0	44.0	18.3	12.0	0.8	1000	330	6.7	9.0	21	HCSA/3L334-J*0C000(+++)
0.47	44.0	18.6	44.0	21.7	13.9	0.8	1000	470	5.5	9.8	21	HCSA/3L474-J*0C000(+++)
0.68	44.0	21.9	44.0	25.0	17.1	0.8	1000	680	5.0	11.7	21	HCSA/3L684-J*0C000(+++)
0.82	44.0	23.8	44.0	26.9	19.0	1.0	1000	820	4.5	13.2	22	HCSA/3L824-J*0C000(+++)
1.0	44.0	26.1	44.0	29.9	20.5	1.2	1000	1000	4.5	14.0	22	HCSA/3L105-J*0C000(+++)
1.2	44.0	28.3	44.0	32.1	22.7	1.2	1000	1200	4.0	14.0	23	HCSA/3L125-J*0C000(+++)
1.5	44.0	31.4	44.0	36.0	25.0	1.2	1000	1500	4.0	14.0	25	HCSA/3L155-J*0C000(+++)
2.0	44.0	36.0	44.0	39.0	31.1	1.2	1000	2000	4.0	14.0	27	HCSA/3L205-J*0C000(+++)
1.5	58.0	26.6	44.0	30.0	20.6	1.2	600	900	5.0	14.0	28	HCSA/3L155-S*0C000(+++)
2.0	58.0	30.2	44.0	33.6	24.2	1.2	600	1200	4.5	14.0	29	HCSA/3L205-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.

Outline Dimensions

1200Vd.c.(600Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
2.2	58.0	31.5	58.0	35.8	24.8	1.2	600	1320	4.0	14.0	29	HCSA/3L225-S*0C000(+++)
2.5	58.0	33.4	58.0	37.6	26.6	1.2	600	1500	4.0	14.0	30	HCSA/3L255-S*0C000(+++)
3.0	58.0	36.4	58.0	41.3	28.8	1.2	600	1800	4.0	14.0	31	HCSA/3L305-S*0C000(+++)
3.3	58.0	38.0	58.0	43.0	30.4	1.2	600	1980	4.0	14.0	32	HCSA/3L335-S*0C000(+++)
4.0	58.0	41.6	58.0	47.3	33.2	1.2	600	2400	4.0	14.0	33	HCSA/3L405-S*0C000(+++)
1500Vd.c.(650Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.068	34.0	11.9	34.0	14.4	8.1	0.8	1750	119	16.0	4.1	17	HCSA/4M683-C*0C000(+++)
0.082	34.0	12.9	34.0	15.3	9.0	0.8	1750	144	13.7	4.8	17	HCSA/4M823-C*0C000(+++)
0.1	34.0	14.0	34.0	16.4	10.1	0.8	1750	175	12.0	5.8	17	HCSA/4M104-C*0C000(+++)
0.22	34.0	19.6	34.0	22.7	14.8	1.0	1750	385	6.7	8.4	19	HCSA/4M224-C*0C000(+++)
0.33	34.0	23.6	34.0	26.5	18.6	1.2	1750	578	4.5	11.1	19	HCSA/4M334-C*0C000(+++)
0.47	34.0	27.8	34.0	30.5	22.7	1.2	1750	823	4.0	13.0	20	HCSA/4M474-C*0C000(+++)
0.22	44.0	16.4	44.0	19.4	11.5	1.0	1200	264	8.5	8.0	21	HCSA/4M224-J*0C000(+++)
0.33	44.0	19.5	44.0	22.4	14.5	1.0	1200	396	6.5	10.2	22	HCSA/4M334-J*0C000(+++)
0.47	44.0	22.8	44.0	25.6	17.7	1.2	1200	564	5.2	12.7	22	HCSA/4M474-J*0C000(+++)
0.68	44.0	27.0	44.0	30.5	21.0	1.2	1200	816	4.5	14.0	24	HCSA/4M684-J*0C000(+++)
0.82	44.0	29.4	44.0	32.8	23.4	1.2	1200	984	4.0	14.0	25	HCSA/4M824-J*0C000(+++)
1.0	44.0	32.3	44.0	36.4	25.4	1.2	1200	1200	4.0	14.0	26	HCSA/4M105-J*0C000(+++)
1.0	58.0	26.8	58.0	29.9	20.5	1.2	750	750	5.0	14.0	28	HCSA/4M105-S*0C000(+++)
1.2	58.0	29.1	58.0	32.1	22.7	1.2	750	900	4.5	14.0	29	HCSA/4M125-S*0C000(+++)
1.5	58.0	32.2	58.0	36.0	25.0	1.2	750	1125	4.3	14.0	30	HCSA/4M155-S*0C000(+++)
2.0	58.0	36.8	58.0	40.4	29.5	1.2	750	1500	4.0	14.0	32	HCSA/4M205-S*0C000(+++)
2.2	58.0	38.4	58.0	42.9	30.3	1.2	750	1650	4.0	14.0	33	HCSA/4M225-S*0C000(+++)
2.5	58.0	40.8	58.0	46.0	31.8	1.2	750	1875	4.0	14.0	34	HCSA/4M255-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.

Outline Dimensions

1600Vd.c./1700Vd.c.(675Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	I [∧] (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.033	-	-	34.0	11.2	6.5	0.8	1900	63	29	3.9	16	HCSA/3C333-C*0C000(+++)
0.047	34.0	10.8	34.0	12.5	7.8	0.8	1900	89	23	5.2	16	HCSA/3C473-C*0C000(+++)
0.068	34.0	12.5	34.0	15.1	8.8	0.8	1900	129	17.9	5.3	17	HCSA/3C683-C*0C000(+++)
0.082	34.0	13.5	34.0	17.0	9.2	1.0	1900	156	15	6.2	17	HCSA/3C823-C*0C000(+++)
0.1	34.0	14.7	34.0	18.1	10.3	1.0	1900	190	12.5	7.5	17	HCSA/3C104-C*0C000(+++)
0.15	34.0	17.5	34.0	20.8	13.0	1.0	1900	285	8.5	8.6	18	HCSA/3C154-C*0C000(+++)
0.22	34.0	20.7	34.0	24.0	16.1	1.2	1900	418	6.0	10.0	18	HCSA/3C224-C*0C000(+++)
0.33	34.0	24.9	34.0	29.7	18.7	1.2	1900	627	5.5	12.5	20	HCSA/3C334-C*0C000(+++)
0.47	34.0	29.3	34.0	33.3	23.8	1.2	1900	893	4.0	14.0	20	HCSA/3C474-C*0C000(+++)
0.15	44.0	14.7	44.0	17.9	10.1	1.0	1400	210	11.5	7.9	21	HCSA/3C154-J*0C000(+++)
0.22	44.0	17.3	44.0	20.4	12.5	1.0	1400	308	9.5	8.6	21	HCSA/3C224-J*0C000(+++)
0.33	44.0	20.6	44.0	23.7	15.8	1.2	1400	462	6.5	11.0	21	HCSA/3C334-J*0C000(+++)
0.47	44.0	24.1	44.0	27.1	19.3	1.2	1400	658	5.0	13.2	22	HCSA/3C474-J*0C000(+++)
0.68	44.0	28.5	44.0	32.3	22.9	1.2	1400	952	4.5	14.0	24	HCSA/3C684-J*0C000(+++)
0.82	44.0	31.1	44.0	34.9	25.4	1.2	1400	1148	4.0	14.0	26	HCSA/3C824-J*0C000(+++)
1.0	44.0	34.1	44.0	42.9	24.0	1.2	1400	1400	4.0	14.0	27	HCSA/3C105-J*0C000(+++)
1.2	44.0	37.2	44.0	44.9	27.6	1.2	1400	1680	4.0	14.0	30	HCSA/3C125-J*0C000(+++)
1.5	44.0	41.3	44.0	48.9	31.6	1.2	1400	2100	4.0	14.0	31	HCSA/3C155-J*0C000(+++)
1.0	58.0	28.3	58.0	31.7	22.3	1.2	780	780	5.0	14.0	29	HCSA/3C105-S*0C000(+++)
1.2	58.0	30.7	58.0	36.6	22.5	1.2	780	936	4.5	14.0	30	HCSA/3C125-S*0C000(+++)
1.5	58.0	34.0	58.0	40.7	25.0	1.2	780	1170	4.2	14.0	31	HCSA/3C155-S*0C000(+++)
2.0	58.0	38.9	58.0	46.3	29.0	1.2	780	1560	4.0	14.0	34	HCSA/3C205-S*0C000(+++)
2.2	58.0	40.6	58.0	48.8	30.0	1.2	780	1716	4.0	14.0	35	HCSA/3C225-S*0C000(+++)
2.5	58.0	43.1	58.0	51.3	32.4	1.2	780	1950	4.0	14.0	36	HCSA/3C255-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "#"when the rated voltage is 1700dc,the digit 6~7 is 7M;
 (3) "ESR", "Ls" are typical values.

Outline Dimensions

2000Vd.c.(700Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.022	-	-	34.0	10.8	6.1	0.8	2100	46	37	3.5	16	HCSA/3D223-C*0C000(+++)
0.033	-	-	34.0	12.2	7.5	0.8	2100	69	26.8	4.2	16	HCSA/3D333-C*0C000(+++)
0.047	34.0	12.0	34.0	14.6	8.3	0.8	2100	99	22.5	5.1	17	HCSA/3D473-C*0C000(+++)
0.068	34.0	14.0	34.0	16.5	10.2	0.8	2100	143	16	6.7	17	HCSA/3D683-C*0C000(+++)
0.082	34.0	15.1	34.0	18.5	10.7	1.0	2100	172	13.2	7.5	17	HCSA/3D823-C*0C000(+++)
0.1	34.0	16.4	34.0	19.8	12.0	1.0	2100	210	11.1	8.4	17	HCSA/3D104-C*0C000(+++)
0.15	34.0	19.7	34.0	23.0	15.1	1.0	2100	315	7.6	10.1	18	HCSA/3D154-C*0C000(+++)
0.22	34.0	23.4	34.0	26.6	18.7	1.2	2100	462	5.5	11.0	19	HCSA/3D224-C*0C000(+++)
0.1	44.0	13.9	44.0	16.2	9.9	1.0	1650	165	18.0	6.4	21	HCSA/3D104-J*0C000(+++)
0.15	44.0	16.4	44.0	19.6	11.7	1.0	1650	248	12.3	8.9	20	HCSA/3D154-J*0C000(+++)
0.22	44.0	19.4	44.0	22.5	14.6	1.0	1650	363	8.5	10.1	21	HCSA/3D224-J*0C000(+++)
0.33	44.0	23.2	44.0	26.2	18.4	1.2	1650	545	5.8	13.0	22	HCSA/3D334-J*0C000(+++)
0.47	44.0	27.2	44.0	31.0	21.6	1.2	1650	776	4.1	14.0	23	HCSA/3D474-J*0C000(+++)
0.68	44.0	32.3	44.0	37.6	25.0	1.2	1650	1122	4.0	14.0	26	HCSA/3D684-J*0C000(+++)
0.68	58.0	26.8	58.0	30.2	20.8	1.2	850	578	5.0	14.0	28	HCSA/3D684-S*0C000(+++)
0.82	58.0	29.2	58.0	33.4	22.4	1.2	850	697	4.5	14.0	30	HCSA/3D824-S*0C000(+++)
1	58.0	31.9	58.0	37.8	23.6	1.2	850	850	4.0	14.0	32	HCSA/3D105-S*0C000(+++)
1.2	58.0	34.7	58.0	40.5	26.4	1.2	850	1020	4.0	14.0	32	HCSA/3D125-S*0C000(+++)
1.5	58.0	38.5	58.0	45.0	29.3	1.2	850	1275	4.0	14.0	34	HCSA/3D155-S*0C000(+++)
2500Vd.c.(725Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ĵ (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.015	-	-	34.0	11.0	6.3	0.8	2600	39	44.6	2.0	16	HCSA/3E153-C*0C000(+++)
0.022	34.0	10.6	34.0	14.3	6.5	0.8	2600	57	33.7	2.6	16	HCSA/3E223-C*0C000(+++)
0.033	34.0	12.5	34.0	15.1	8.8	0.8	2600	86	25.4	3.9	17	HCSA/3E333-C*0C000(+++)
0.047	34.0	14.4	34.0	17.0	10.7	1.0	2600	122	18.3	5.3	17	HCSA/3E473-C*0C000(+++)
0.068	34.0	16.9	34.0	20.3	12.4	1.0	2600	177	13.0	7.0	18	HCSA/3E683-C*0C000(+++)
0.082	34.0	18.3	34.0	21.7	13.8	1.2	2600	213	11.2	6.6	18	HCSA/3E823-C*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.

Outline Dimensions

2500Vd.c.(725Va.c.)												
C _N (μF)	Axial		Axial Flat			d	dv/dt (V/μs)	Ī (A)	ESR @100kHz	I _{max} (A)	L _s (nH)	Ordering Information
	L max	D max	L max	H max	T max							
0.1	34.0	20.0	34.0	23.3	15.5	1.2	2600	260	9.0	8.6	18	HCSA/3E104-C*0C000(+++)
0.15	34.0	24.1	34.0	27.3	19.4	1.2	2600	390	6.1	10.5	20	HCSA/3E154-C*0C000(+++)
0.082	44.0	15.4	44.0	18.6	10.7	1.0	1950	160	17.3	4.6	20	HCSA/3E823-J*0C000(+++)
0.1	44.0	16.7	44.0	19.9	12.0	1.0	1950	195	14.9	6.8	21	HCSA/3E104-J*0C000(+++)
0.15	44.0	19.9	44.0	23.0	15.1	1.2	1950	293	10.1	9.2	21	HCSA/3E154-J*0C000(+++)
0.22	44.0	23.6	44.0	26.6	18.8	1.2	1950	429	7.0	10.4	22	HCSA/3E224-J*0C000(+++)
0.33	44.0	28.4	44.0	32.2	22.8	1.2	1950	644	4.8	14.0	25	HCSA/3E334-J*0C000(+++)
0.47	44.0	33.5	44.0	38.0	27.0	1.2	1950	917	4.0	14.0	27	HCSA/3E474-J*0C000(+++)
0.68	44.0	39.8	44.0	45.8	31.7	1.2	1950	1326	4.0	14.0	31	HCSA/3E684-J*0C000(+++)
0.22	58.0	20.0	58.0	22.6	14.7	1.2	925	204	10.5	8.6	27	HCSA/3E224-S*0C000(+++)
0.33	58.0	23.8	58.0	26.4	18.5	1.2	925	305	8.5	10.6	27	HCSA/3E334-S*0C000(+++)
0.47	58.0	27.8	58.0	30.4	22.5	1.2	925	435	6.0	13.2	29	HCSA/3E474-S*0C000(+++)
0.68	58.0	32.8	58.0	37.0	26.0	1.2	925	629	4.2	14.0	31	HCSA/3E684-S*0C000(+++)
0.82	58.0	35.8	58.0	39.9	29.0	1.2	925	759	4.0	14.0	32	HCSA/3E824-S*0C000(+++)
1	58.0	39.2	58.0	45.0	30.8	1.2	925	925	4.0	14.0	34	HCSA/3E105-S*0C000(+++)

Note: (1) The above are normal types, for the special types, please contact with relative person;
 (2) "ESR", "Ls" are typical values.