▲FEATURES

Used in DC-LINK circuits
Lower ESR,high ripple current handling capabilities
Self-healing property
Long life time
Filled with resin,dry type
Non-inductive type
Plastic case,RoHS compliance

▲APPLICATIONS

Used in inverters of wind power and solar power
High voltage inverters
Welders

▲SPECIFICATIONS

Reference standards IEC 61071
Operating temperature range:-40℃~+85℃
Storage temperatue range:-40℃~+85℃
Capacitance range:47to 500uf
Capacitance tolerance:±5%,±10%
Voltage range:600 to 1100Vdc

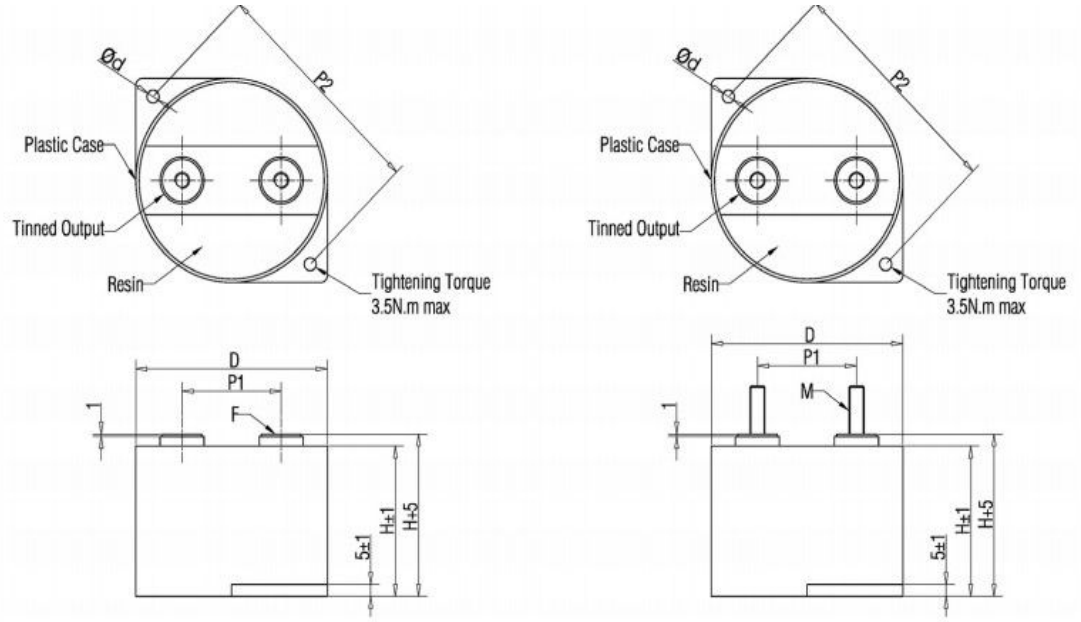
▲TEST DATA

Voltage between terminals:1.5Un 10s
Voltage between terminals and case:(1.5Un+1000)Vac 10s 50Hz
Dissipation factor:1.0×10^{-3} 100Hz 25℃
Life expectancy 100 000 hours
Failure rate:50 FIT
Insulation resistance:C×Ri≥5000s 100Vdc 25℃
Over voltage 1.1Un(30% of on-load-during)
1.15Un(30min/day)
1.2Un(35min/day)
1.3Un(1min/day)
1.5Un(50ms 1000times during the life of the capacitor)

▲Part Numbering System

160	CS*	107	#	1
Voltage	Type	Capacitance	Tolerance	Diameter
160=600vdc	CSA	106=10uf	J= ±5%	1=D=86mm
190=900vdc	CSB	107=100uf	K= ±10%	2=D=115mm
211=1100vdc				

▲OUTLINE DRAWING



Style:A Style:B

D mm	Output				P1 (mm)	P2 (mm)	d (mm)
	M	Torque	F	Torque			
86	M8*20	8.5 N.M Max	M6*8	4.5 N.M Max	45±1	101	5.5
115	M10*20	12 N.M Max	M8*8	6.0 N.M Max	60±1	133	6.5

▲CS article table

Cap uf	D mm	H mm	du/dt v/μs	Irms max. (A)	ESR (mΩ)	Ls max. (nH)	Rth (k/w)	Part Number
600V dc								
100	86	41	33	80	0.6	25	6.9	160CS*107#1
130	86	41	36	88	0.7	25	6.8	160CS*137#1
150	86	51	27	86	0.75	32	6.3	160CS*157#1
200	86	51	24	88	0.8	32	5.9	160CS*207#1
220	86	65	20	85	1.0	32	5.5	160CS*227#1
280	86	65	15	83	0.9	40	5.0	160CS*287#1
350	115	51	24	115	0.6	32	4.1	160CS*357#2
500	115	65	25	120	0.7	40	3.5	160CS*507#2

▲CS article table

Cap uf	D mm	H mm	du/dt v/μs	Irms max. (A)	ESR (mΩ)	Ls max. (nH)	Rth (k/w)	Part Number
800V dc								
100	86	51	47	88	0.6	25	6.8	180CS*107#1
150	86	51	31	88	0.7	32	5.9	180CS*157#1
220	86	65	20	83	0.9	40	5.0	180CS*227#1
250	115	51	31	110	0.6	32	4.1	180CS*257#2
350	115	65	20	115	0.7	40	3.5	180CS*357#2

Cap uf	D mm	H mm	du/dt v/μs	Irms max. (A)	ESR (mΩ)	Ls max. (nH)	Rth (k/w)	Part Number
900V dc								
68	86	41	55	78	0.8	25	6.8	190CS*686#1
100	86	51	36	78	0.9	32	5.9	190CS*107#1
140	86	65	24	72	1.2	40	5.0	190CS*147#1
200	115	51	36	105	0.6	32	4.1	190CS*207#2
300	115	65	24	110	0.7	40	3.5	190CS*307#2

Cap uf	D mm	H mm	du/dt v/μs	Irms max. (A)	ESR (mΩ)	Ls max. (nH)	Rth (k/w)	Part Number
1100V dc								
47	86	41	72	73	0.9	25	6.8	211CS*476#1
68	86	51	48	73	1.1	32	5.9	211CS*686#1
100	86	65	32	68	1.4	40	5.0	211CS*107#1
130	115	51	48	100	0.7	32	4.1	211CS*137#2
180	115	65	32	105	0.9	40	3.5	211CS*187#2

*Special design available to meet your requirements.