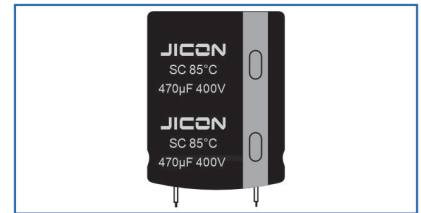


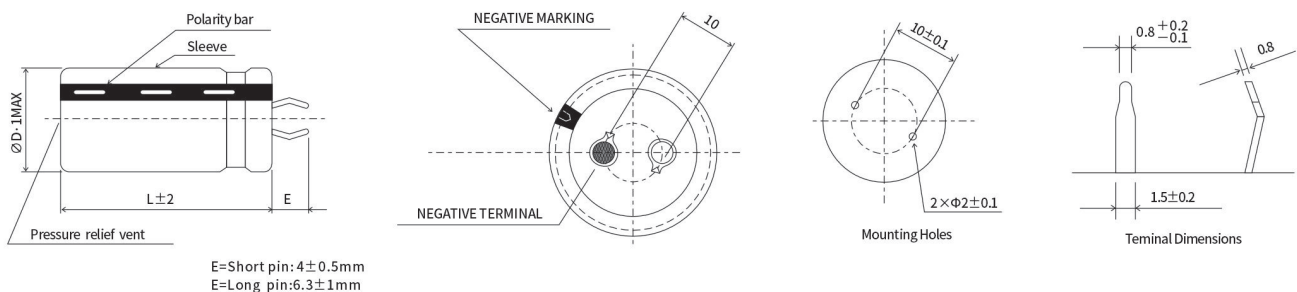
SC 系列 SERIES

- 2000h at 85°C
- High ripple current, for inverter
- Standard series for general purpose
- RoHS Compliant



Items	Characteristics					
Operating Temperature Range(°C)	-25~+85					
Voltage Range (V)	160~500					
Capacitance Range (μF)	82~2200					
Capacitance Tolerance(20°C, 120Hz)	± 20%					
Leakage Current (μA)	I ≤ 0.01CV or 1.5mA whichever is greater After 5 minute at 20°C application of rated voltage I:Max. leakage current (μA) C:Nominal Capacitance (μF) V:Rated Voltage (V)					
Dissipation Factor (20°C,120Hz)	Rated Voltage (V)	160	200~250	350~400	450	500
	Tanδ(max)	0.15	0.15	0.15	0.15	0.24
Low Temperature Characteristics (Max. Impedance Ratio at 120Hz)	Rated Voltage (V)	160	200~250	350~400	450	500
	Z-25°C/Z+20°C	4	4	4	4	6
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for the specified period of time at 85°C.					
	Capacitance change	≤ ± 20% of the initial value				
	D.F.(Tanδ)	≤200% of specified value				
	Leakage current	≤The initial specified value				
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°Cwithout voltage applied .					
	Capacitance change	≤ ± 20% of the initial value				
	D.F.(Tanδ)	≤200% of specified value				
	Leakage current	≤200% of specified value				

◆ Dimensions(mm)



◆ Temperature Coefficient

Temperature(°C)	+40	+55	+70	+85
Coefficient	1.70	1.50	1.30	1.00

◆ Frequency Coefficient

Frequency	50/60HZ	120HZ	1KHZ	≥10KHZ
Coefficient	0.80	1.00	1.30	1.41

◆ Ratings for SC Series

UR (Surge Voltage) Code	Rated Capacitance	Max Dissipation Factor 20°C120Hz	Rated Ripple Current 85°C120Hz	Size $\phi D \times L$	UR (Surge Voltage) Code	Rated Capacitance	Max Dissipation Factor 20°C120Hz	Rated Ripple Current 85°C120Hz	Size $\phi D \times L$
(V)	(μF)	$\tan \delta$	(A rms)	(mm)	(V)	(μF)	$\tan \delta$	(A rms)	(mm)
160(200)2C	220	0.15	1.2	22×25	400(450)2G	82	0.15	0.70	22×25
	270	0.15	1.3	22×25		100	0.15	0.75	22×25
	330	0.15	1.4	22×25		120	0.15	0.85	22×30
	390	0.15	1.6	22×30		150	0.15	0.95	22×35
	470	0.15	1.7	25×30		180	0.15	1.1	22×40
	560	0.15	2.0	25×30		220	0.15	1.2	22×45
	680	0.15	2.3	25×35		270	0.15	1.4	25×40
	820	0.15	2.5	25×40		330	0.15	1.8	30×35
	1000	0.15	2.8	25×45		390	0.15	1.9	30×40
	1200	0.15	3.3	25×50		470	0.15	2.2	35×40
	1500	0.15	3.9	30×45		560	0.15	2.7	35×45
	1800	0.15	4.1	35×45		680	0.15	3.2	35×50
	2200	0.15	4.7	35×50		820	0.15	3.4	35×55
200(250)2D	220	0.15	1.2	22×25		1000	0.15	3.6	35×60
	270	0.15	1.3	22×30	420(470)2X	82	0.15	0.75	22×25
	330	0.15	1.5	22×30		100	0.15	0.80	22×30
	390	0.15	1.7	22×35		120	0.15	0.85	22×30
	470	0.15	1.9	22×40		150	0.15	1.0	25×30
	560	0.15	2.1	22×45		180	0.15	1.2	25×35
	680	0.15	2.4	25×40		220	0.15	1.3	25×40
	820	0.15	2.7	25×50		270	0.15	1.5	25×45
	1000	0.15	3.3	30×45		330	0.15	1.9	30×40
	1200	0.15	3.6	30×50	420(470)2X	390	0.15	2.0	30×45
	1500	0.15	4.0	35×50		470	0.15	2.3	30×50
	1800	0.15	4.2	35×55		560	0.15	2.8	35×45
	2200	0.15	4.7	35×60		680	0.15	3.3	35×50
250(300)2E	150	0.15	0.85	22×25		820	0.15	3.5	35×55
	180	0.15	1.0	22×25		1000	0.15	3.7	35×60
	220	0.15	1.2	22×30	450(500)2W	82	0.15	0.80	22×25
	270	0.15	1.3	22×35		100	0.15	0.85	22×30
	330	0.15	1.5	22×40		120	0.15	0.90	22×35
	390	0.15	1.7	22×45		150	0.15	1.2	25×30
	470	0.15	1.9	22×50		180	0.15	1.3	25×35
	560	0.15	2.1	25×45		220	0.15	1.4	25×40
	680	0.15	2.4	30×40		270	0.15	1.6	25×45
	820	0.15	2.7	30×45		330	0.15	2.0	30×40
	1000	0.15	3.4	35×40		390	0.15	2.1	30×45
	1200	0.15	3.6	35×45		470	0.15	2.3	35×45
	1500	0.15	4.0	35×50		560	0.15	2.8	35×50
						680	0.15	3.3	35×55
350(400)2V	100	0.15	0.85	22×25		820	0.15	3.5	35×60
	120	0.15	0.90	22×30		1000	0.15	3.7	35×70
	150	0.15	1.00	22×35	500(550)2H	100	0.24	0.95	25×30
	180	0.15	1.2	22×40		120	0.24	1.1	25×30
	220	0.15	1.3	22×45		150	0.24	1.3	25×35
	270	0.15	1.5	25×40		180	0.24	1.4	25×40
	330	0.15	1.7	25×45		220	0.24	1.6	30×35
	390	0.15	1.8	30×40		270	0.24	1.9	30×40
	470	0.15	2.1	30×45		330	0.24	2.1	30×45
	560	0.15	2.4	35×45		390	0.24	2.4	35×40
	680	0.15	2.7	35×50		470	0.24	2.7	35×50
	820	0.15	3.0	35×55		560	0.24	3.1	35×55
	1000	0.15	3.4	35×60		680	0.24	3.4	35×60