

SXC SERIES

**105°C, Overvoltage Vent Operation Facility,
Snap-in Terminal Type**

◆FEATURES

- Load Life : 105°C 2000 hours.
- This series has specification of vent operation in overvoltage situation.
Please consult us for any further details.
- RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics			
Category Temperature Range	-25~+105℃			
Rated Voltage Range	200, 400V.DC			
Capacitance Tolerance	±20% (20℃,120Hz)			
Leakage Current(MAX)	I=3 √CV (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(V)			
Dissipation Factor(MAX) (tanδ)	0.15 (20℃,120Hz)			
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105℃, the capacitors shall meet the following requirements.			
	Capacitance Change	Within ±20% of the initial value.		
	Dissipation Factor	Not more than 200% of the specified value.		
	Leakage Current	Not more than the specified value.		
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	200	400	(120Hz)
	Z(-25℃)/Z(20℃)	3	8	

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		60(50)	120	500	1k	10k≤
Coefficient	200V.DC	0.80	1.00	1.10	1.14	1.18
	400V.DC	0.80	1.00	1.05	1.10	1.15

◆OPTION

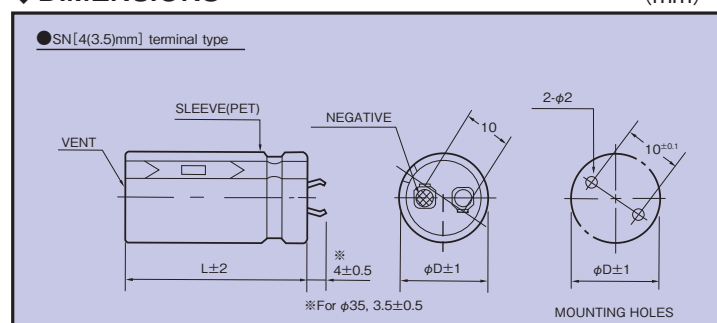
	Code
PET Sleeve without plate	EFC

◆PART NUMBER

<u> </u> <u> </u> <u> </u>	<u> </u> <u> </u> <u> </u>	<u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u> <u> </u>
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Terminal Code	Case Size

◆DIMENSIONS

(mm)



◆STANDARD SIZE

Cap(μF) V.DC φD	200									
	φ20		φ22		φ25		φ30		φ35	
82	20×20	0.42								
100	20×20	0.47	22×20	0.51						
120	20×20	0.52	22×20	0.56						
150	20×25	0.69	22×25	0.69	25×20	0.63				
180	20×25	0.75	22×25	0.75	25×20	0.70				
220	20×30	0.87	22×25	0.88	25×25	0.88	30×20	0.85		
270	20×35	1.00	22×25	0.99	25×25	0.99	30×20	0.95		
330	20×40	1.20	22×30	1.20	25×25	1.20	30×20	1.05	35×20	1.08
							30×25	1.20		
390			22×35	1.30	25×30	1.34	30×25	1.30	35×20	1.15
470			22×40	1.44	25×30	1.44	30×25	1.48	35×25	1.48
560			22×45	1.60	25×35	1.60	30×30	1.60	35×25	1.58
680					25×40	1.76	30×30	1.74	35×25	1.74
820							30×35	2.11	35×30	2.10
1000							30×45	2.40	35×30	2.30
									35×35	2.30
1200									35×35	2.65
									35×40	2.65
1500									35×45	3.08

Cap(μF) V.DC φD	400									
	φ20		φ22		φ25		φ30		φ35	
22	20×20	0.20								
27	20×20	0.22	22×20	0.23						
33	20×20	0.25	22×20	0.25						
39	20×25	0.35	22×20	0.28	25×20	0.30				
47	20×25	0.39	22×25	0.39	25×20	0.34				
56	20×30	0.44	22×25	0.45	25×20	0.39	30×20	0.41		
					25×25	0.45				
68	20×35	0.51	22×25	0.49	25×25	0.49	30×20	0.45		
82	20×40	0.57	22×30	0.56	25×25	0.56	30×20	0.50	35×20	0.51
							30×25	0.56		
100			22×35	0.62	25×30	0.61	30×25	0.59	35×20	0.54
120			22×40	0.73	25×30	0.73	30×25	0.73	35×20	0.61
150			22×45	0.85	25×35	0.85	30×30	0.79	35×25	0.78
180					25×40	0.94	30×30	0.95	35×25	0.95
220					25×45	1.07	30×35	1.24	35×30	1.24
270							30×35	1.35	35×35	1.28
							30×40	1.30		
330							30×45	1.47	35×35	1.41
390									35×40	1.59
470									35×45	1.87

↑ Ripple Current (A r.m.s./120Hz, 105°C)
↑ Case Size φD×L(mm)