SXG SERIES

105℃ Miniaturized,Overvoltage Vent Operation Facility, Snap-in Terminal Type

◆FEATURES

- This series has specification of vent operation in overvoltage situation. Please consult us for any further details
- Smaller size than SXC series.
- RoHS compliance.

◆SPECIFICATIONS

Items	Characteristics
Category Temperature Range	−25～+105℃
Rated Voltage Range	200, 400, 450V.DC
Capacitance Tolerance	±20%(20℃,120Hz)
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=(μA) Leakage Current C=(μF) Rated Capacitance V=(V) Rated Voltage
(tanδ) Dissipation Factor(MAX)	Rated Voltage: 200,400 / 450; tanδ: 0.15 / 0.20 (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 Ration(MAX)	Rated Voltage: 200 / 400,450; Z(−25℃)/Z(20℃): 3 / 8 (120Hz)

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

(Hz) Frequency	60(50)	120	500	1k	10k≦
Coefficient	0.77	1.00	1.17	1.22	1.40

◆OPTION

	Code
PET Sleeve without plate	EFC

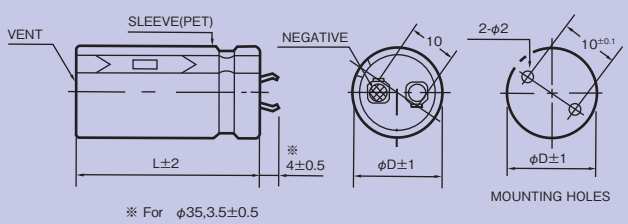
◆PART NUMBER

□□□	SXG	□□□□□	M	□□□	SN	D×L
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Terminal Code	Case Size

◆DIMENSIONS

(mm)

●SN[4(3.5)mm]terminal type Terminal code : SN(Tin plating)



◆STANDARD SIZE

Cap (μF) \ WV / φD	200							
	φ20		φ22		φ25		φ30	
150	20×20	0.66						
180	20×25	0.82	22×20	0.80				
220	20×25	0.95	22×25	1.00	25×20	0.87		
270	20×30	1.10	22×25	1.10	25×20	0.95		
330	20×35	1.20	22×30	1.25	25×25	1.20	30×20	1.15
390	20×40	1.31	22×30	1.31	25×25	1.31	30×20	1.25
470			22×35	1.45	25×30	1.45	30×25	1.45
560			22×40	1.60	25×30	1.60	30×25	1.60
680					25×35	1.78	30×30	1.78
820					25×40	1.95	30×35	2.11
1000							30×35	2.40
1200							30×40	2.65

Cap (μF) \ WV / φD	400									
	φ20		φ22		φ25		φ30		φ35	
39	20×20	0.34								
47	20×20	0.40								
56	20×25	0.45	22×20	0.40						
68	20×25	0.49	22×25	0.52	25×20	0.49				
82	20×30	0.64	22×25	0.64	25×20	0.60				
100	20×35	0.70	22×30	0.70	25×25	0.70	30×20	0.60		
120	20×40	0.75	22×30	0.75	25×25	0.75	30×20	0.70		
150			22×35	0.88	25×30	0.88	30×25	0.85	35×20	0.80
180			22×40	0.95	25×30	0.95	30×25	0.95	35×25	0.95
220					25×35	1.10	30×30	1.10	35×25	1.10
270					25×40	1.22	30×30	1.22	35×25	1.22
330							30×35	1.44	35×30	1.44
390							30×40	1.55	35×35	1.60
470									35×40	1.90

Cap (μF) \ WV / φD	450							
	φ22		φ25		φ30		φ35	
47	22×25	0.35						
56	22×25	0.44						
68	22×30	0.53	25×25	0.53				
82	22×35	0.64	25×25	0.64				
100	22×40	0.69	25×30	0.69	30×25	0.69		
120	22×45	0.75	25×35	0.75	30×25	0.75		
150	22×50	0.88	25×40	0.88	30×30	0.88	35×25	0.80
180			25×45	0.98	30×30	0.98	35×25	0.98
220			25×50	1.10	30×35	1.10	35×30	1.10
270					30×40	1.28	35×35	1.28
330					30×50	1.45	35×40	1.45
390							35×40	1.60
470							35×50	1.85

Ripple Current(A r.m.s./120Hz, 105℃)

Case Size φD×L(mm)