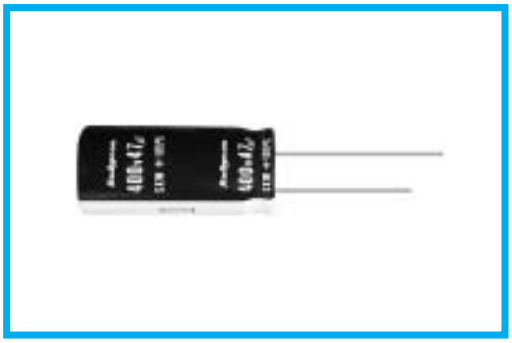
SXW SERIES

105℃ Overvoltage Vent Operation Facility, Lead Wire Type



◆FEATURES

- Load Life : 105℃ 2000 hours.
- Body diameter of φ10mm to φ18mm with high ripple current capability.
- 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)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)
Dissipation Factor(MAX) (tanδ)	0.15（20℃，120Hz）
Impedance Ratio(MAX)	Rated Voltage (V) 200 400 Z(−25℃)/Z(20℃) 3 8 （120Hz）
Endurance	After applying rated voltage with rated ripple current for 2000 hrs 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.

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

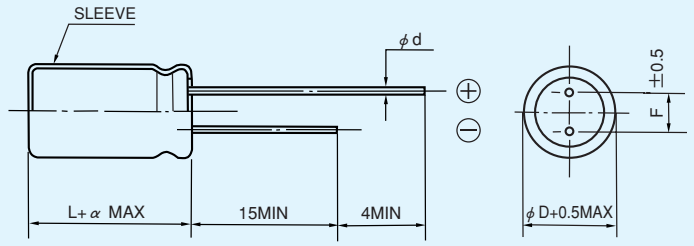
Frequency (Hz)		60(50)	120	500	1k	10k≦
Coefficient	200WV	0.8	1.0	1.10	1.14	1.18
	400WV	0.8	1.0	1.05	1.10	1.15

◆PART NUMBER

□□□ Rated Voltage | SXW Series | □□□□□ Rated Capacitance | □ Capacitance Tolerance | □□□ Option | □□ Lead Forming | D×L Case Size

◆DIMENSIONS

(mm)



φD	10	12.5	16	18
φd	0.6		0.8	
F	5.0		7.5	
α	1.5			

◆STANDARD SIZE, RATED RIPPLE CURRENT

WV / Cap (μF) \ φD	200			
	φ16		φ18	
68	16×20	0.32		
82	16×20	0.36	18×20	0.37
	16×25	0.38		
100	16×25	0.43	18×20	0.43
	16×30	0.45		
120	16×25	0.48	18×20	0.46
	16×30	0.50	18×25	0.48
130			18×20	0.46
150	16×30	0.57	18×20	0.50
	16×35	0.59	18×25	0.53
			18×30	0.58
180	16×40	0.66	18×25	0.60
			18×30	0.62
220			18×30	0.71
			18×35	0.74
270			18×35	0.77
			18×45	0.89
330			18×40	0.91

WV / Cap (μF) \ φD	400							
	φ10		φ12.5		φ16		φ18	
4.7	10×10	0.060						
10	10×16	0.087	12.5×20	0.10				
22					16×20	0.17		
					16×25	0.18		
27					16×25	0.22		
33					16×25	0.22	18×20	0.23
					16×30	0.24	18×25	0.25
36							18×20	0.24
39					16×30	0.27	18×25	0.27
47					16×30	0.30	18×20	0.28
					16×35	0.32	18×25	0.30
							18×30	0.32
56					16×35	0.34	18×30	0.35
					16×40	0.36	18×35	0.37
68					16×40	0.39	18×35	0.40
							18×40	0.42
82							18×40	0.46
							18×45	0.48
100							18×45	0.52

Size φD×L(mm)

Ripple Current (A r.m.s./120Hz, 105℃)