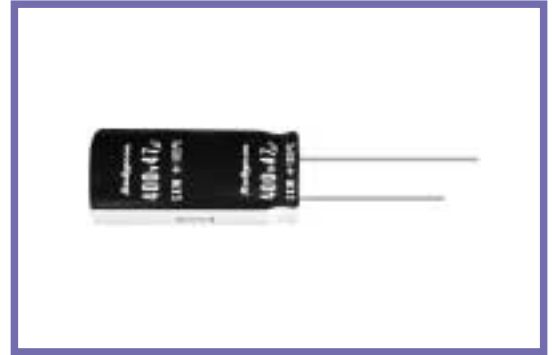


SXW SERIES
UPGRADE
**105°C Overvoltage Vent Operation Facility,
Lead Wire Type**
◆ FEATURES

- Load Life : 105°C 2000 hours.
- Body diameter of φ16mm to φ18mm with high ripple current capability.
- This series has specification of vent operation in overvoltage situation. Please consult us for any further details.
- Added smaller case size.


◆ SPECIFICATIONS

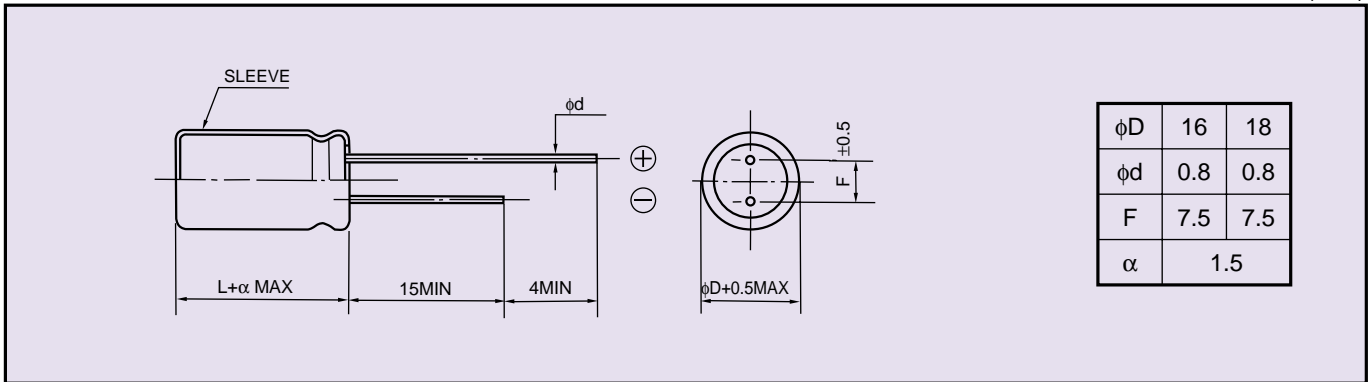
Items	Characteristics								
Category Temperature Range	-25~+105°C								
Rated Voltage Range	200V.DC • 400V.DC								
Capacitance Tolerance	±20%(20°C, 120Hz)								
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)								
Dissipation Factor(MAX)	0.15(20°C, 120Hz)								
Impedance Ratio(MAX)	<table border="1"> <tr> <td>Rated Voltage (V)</td> <td>200</td> <td>400</td> <td>(120Hz)</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>3</td> <td>8</td> <td></td> </tr> </table>	Rated Voltage (V)	200	400	(120Hz)	Z(-25°C)/Z(20°C)	3	8	
Rated Voltage (V)	200	400	(120Hz)						
Z(-25°C)/Z(20°C)	3	8							
Endurance	After applying rated voltage with rated ripple current for 2000 hrs at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	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.		
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.								

◆ PART NUMBER

□□□	SXW	□□□□□	□	□□□	□□	DxL
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆ **DIMENSIONS**

(mm)



◆ **STANDARD SIZE, RATED RIPPLE CURRENT**

Cap(μF) \ WV	φD	200			
		φ16		φ18	
68	16x20	0.32			
82	16x20	0.36	18x20	0.37	
	16x25	0.38			
100	16x25	0.43	18x20	0.43	
	16x30	0.45			
120	16x25	0.48	18x20	0.46	
	16x30	0.50	18x25	0.48	
130			18x20	0.46	
150	16x30	0.57	18x25	0.53	
	16x35	0.59	18x30	0.58	
180	16x40	0.66	18x25	0.60	
			18x30	0.62	
220			18x30	0.71	
			18x35	0.74	
270			18x45	0.89	

Cap(μF) \ WV	φD	400			
		φ16		φ18	
22	16x20	0.17			
	16x25	0.18			
27	16x25	0.22			
33	16x25	0.22	18x20	0.23	
	16x30	0.24	18x25	0.25	
36			18x20	0.24	
39	16x30	0.27	18x25	0.27	
47	16x30	0.30	18x25	0.30	
	16x35	0.32	18x30	0.32	
56	16x40	0.36	18x35	0.37	
68			18x40	0.42	
82			18x40	0.46	
			18x45	0.48	
100			18x45	0.52	

Size φDxL(mm) ↑
Ripple Current (A r.m.s./120Hz, 105°C) ↑

◆ **MULTIPLIER FOR RIPPLE CURRENT**

(1) Temperature coefficient

Ambient Temperature(°C)	105	85	65≥
Coefficient	1.0	1.7	2.1

(2) Frequency coefficient

Frequency(Hz)		60	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