

SAW SERIES

105°C Miniaturized, Overvoltage Vent Operation Facility,
Lead Wire 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.
- Smaller size than SXW series.
- RoHS compliance.

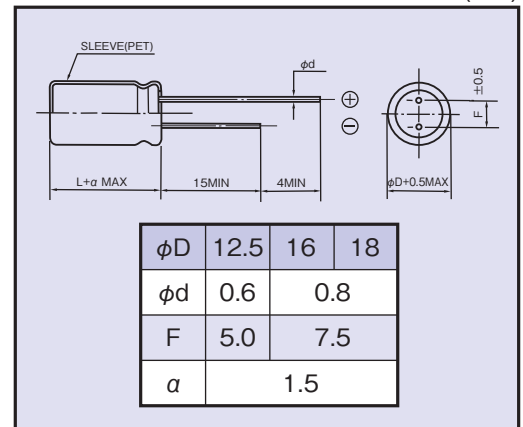


◆SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-25~+105°C	
Rated Voltage Range	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 =Capacitance(µF) V =Rated Voltage(V)	
Dissipation Factor(MAX) (tanδ)	0.15 (20°C, 120Hz)	
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105°C, 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)	400 (120Hz)
	$Z(-25^{\circ}\text{C})/Z(20^{\circ}\text{C})$	8

◆DIMENSIONS

(mm)



◆STANDARD SIZE

Rated Voltage (V.DC)	Capacitance (µF)	Size φD×L (mm)	Rated Ripple Current (A r.m.s. 105°C, 120Hz)
400	18	12.5×20	0.14
	22	12.5×25	0.16
	27	12.5×25	0.18
	27	16×20	0.19
	33	16×20	0.21
	39	16×25	0.25
	39	18×20	0.25
	47	16×25	0.28
	47	18×20	0.28
	56	16×30	0.30
	56	18×25	0.30
	68	16×35	0.35
	68	18×25	0.33
	82	16×40	0.40
	82	18×30	0.38
	100	18×35	0.44
	120	18×40	0.50

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		60(50)	120	500	1k	10k≤
Coefficient	400WV	0.8	1.0	1.05	1.10	1.15

◆OPTION

	Code
PET Sleeve	EFC

◆PART NUMBER

□□□ Rated Voltage SAW Series □□□□□ Capacitance M Capacitance Tolerance □□□ Option □□ Lead Forming D×L Case Size