

# SLM Series

- 15mm height snap-ins
- Endurance with ripple current : 85°C 2000 hours
- Non solvent-proof type

SLM

low profile  
SMH

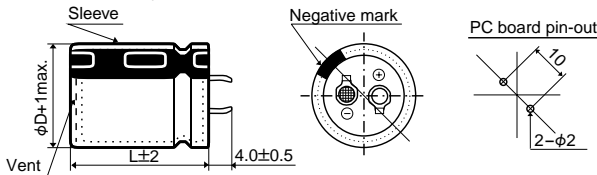


## ◆ SPECIFICATIONS

Items	Characteristics	
Category	-25 to +85°C	
Temperature Range		
Rated Voltage Range	160 to 400V <sub>dc</sub>	
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)	
Leakage Current	$I \leq 3\sqrt{CV}$ Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 5 minutes)	
Dissipation Factor (tanδ)	Rated voltage (V <sub>dc</sub> )	160 to 400V
	tanδ (Max.)	0.20 (at 20°C, 120Hz)
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V <sub>dc</sub> )	160 to 400V
	Z (-25°C) / Z (+20°C)	4 (at 120Hz)
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for 2000 hours at 85°C.	
	Capacitance change	≤±20% of the initial value
	D.F. (tanδ)	≤200% of the initial specified value
	Leakage current	≤The initial specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 85°C without voltage applied.	
	Capacitance change	≤±15% of the initial value
	D.F. (tanδ)	≤150% of the initial specified value
	Leakage current	≤The initial specified value

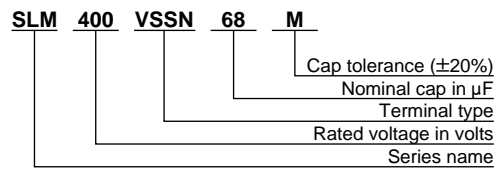
## ◆ DIMENSIONS [mm]

- Terminal Type : VSSN



\*No plastic disk is the standard design.

## ◆ PART NUMBERING SYSTEM



## ◆ STANDARD RATINGS

Items	160		180		200		250		400	
	Capacitance (µF)	Rated ripple (Arms/85°C 120Hz)	Capacitance (µF)	Rated ripple (Arms/85°C 120Hz)	Capacitance (µF)	Rated ripple (Arms/85°C 120Hz)	Capacitance (µF)	Rated ripple (Arms/85°C 120Hz)	Capacitance (µF)	Rated ripple (Arms/85°C 120Hz)
22×15	180	0.99	150	0.90	150	0.90	100	0.73	47	0.50
25.4×15	270	1.29	220	1.16	220	1.16	150	0.96	68	0.65
30×15	390	1.47	330	1.35	270	1.22	220	1.10	100	0.74
35×15	560	1.74	470	1.60	390	1.46	330	1.34	120	0.81

## ◆ RATED RIPPLE CURRENT MULTIPLIERS

- Frequency Multipliers

Frequency (Hz)	50	120	300	1k	10k	50k
160 to 250V <sub>dc</sub>	0.81	1.00	1.17	1.32	1.45	1.50
400V <sub>dc</sub>	0.77	1.00	1.16	1.30	1.41	1.43