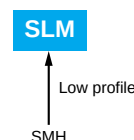


SLM Series

- 15mm height snap-ins
- Endurance with ripple current : 2,000 hours at 85°C
- Non solvent resistant type
- RoHS Compliant

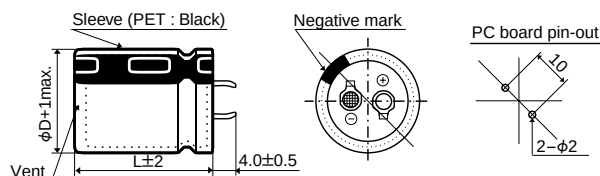


SPECIFICATIONS

Items	Characteristics	
Category	Temperature Range	
Rated Voltage Range	160 to 400V _{dc}	
Capacitance Tolerance	±20% (M)	
Leakage Current	I ≤ 3√CV Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	
Dissipation Factor (tanδ)	Rated voltage (V _{dc})	160 to 400V
Low Temperature Characteristics (Max. Impedance Ratio)	tanδ (Max.)	0.20
Endurance	Rated voltage (V _{dc})	160 to 400V
Shelf Life	Z (-25°C) / Z (+20°C)	4
(at 20°C, 120Hz)		
(at 20°C after 5 minutes)		
(at 20°C, 120Hz)		
(at 120Hz)		
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 2,000 hours at 85°C.		
Capacitance change		
D.F. (tanδ)		
Leakage current		
The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.		
Capacitance change		
D.F. (tanδ)		
Leakage current		

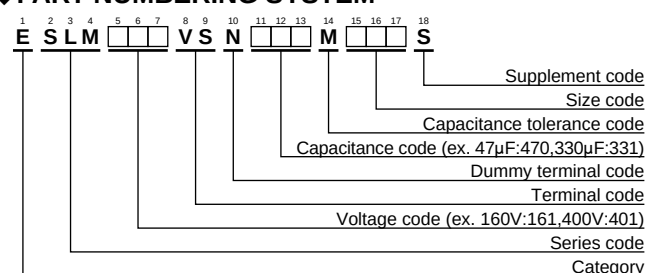
DIMENSIONS [mm]

- Terminal Code : VS



The standard design has no plastic disc.

PART NUMBERING SYSTEM



Please refer to "Product code guide (snap-in type)"

RATED RIPPLE CURRENT MULTIPLIERS

- Frequency Multipliers

Frequency (Hz)	50	120	300	1k	10k	50k
160 to 250V _{dc}	0.81	1.00	1.17	1.32	1.45	1.50
400V _{dc}	0.77	1.00	1.16	1.30	1.41	1.43

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise.

When long life performance is required in actual use, the rms ripple current has to be reduced.

STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tanδ	Rated ripple current (Arms/ 85°C, 120Hz)	Part No.
160	180	22×15	0.20	0.99	ESLM161VSN181MP15S
	270	25.4×15	0.20	1.29	ESLM161VSN271MQ15S
	390	30×15	0.20	1.47	ESLM161VSN391MR15S
	560	35×15	0.20	1.74	ESLM161VSN561MA15S
180	150	22×15	0.20	0.90	ESLM181VSN151MP15S
	220	25.4×15	0.20	1.16	ESLM181VSN221MQ15S
	330	30×15	0.20	1.35	ESLM181VSN331MR15S
	470	35×15	0.20	1.60	ESLM181VSN471MA15S
200	150	22×15	0.20	0.90	ESLM201VSN151MP15S
	220	25.4×15	0.20	1.16	ESLM201VSN221MQ15S
200	270	30×15	0.20	1.22	ESLM201VSN271MR15S
	390	35×15	0.20	1.46	ESLM201VSN391MA15S
250	100	22×15	0.20	0.73	ESLM251VSN101MP15S
	150	25.4×15	0.20	0.96	ESLM251VSN151MQ15S
	220	30×15	0.20	1.10	ESLM251VSN221MR15S
	330	35×15	0.20	1.34	ESLM251VSN331MA15S
400	47	22×15	0.20	0.50	ESLM401VSN470MP15S
	68	25.4×15	0.20	0.65	ESLM401VSN680MQ15S
	100	30×15	0.20	0.74	ESLM401VSN101MR15S
	120	35×15	0.20	0.81	ESLM401VSN121MA15S