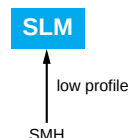


SLM Series

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

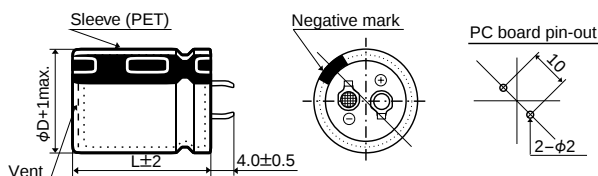


SPECIFICATIONS

Items	Characteristics		
Category	Temperature Range		
Temperature Range	-25 to +85°C		
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	(at 20°C, 120Hz)
Low Temperature Characteristics (Max. Impedance Ratio)	tanδ (Max.)	0.20	(at 20°C, 120Hz)
Endurance	Rated voltage (V _{dc})	160 to 400V	(at 20°C after 5 minutes)
Shelf Life	Z (-25°C) / Z (+20°C)	4	(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 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			
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			

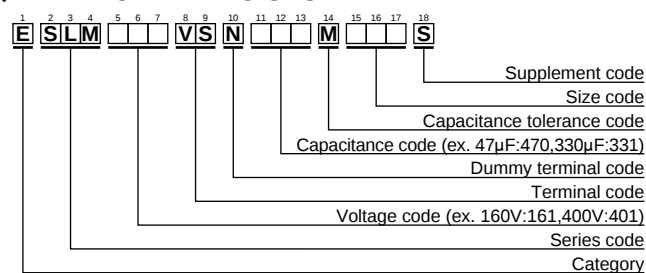
DIMENSIONS [mm]

- Terminal Code : VS



No plastic disk is the standard design

PART NUMBERING SYSTEM



Please refer to "A guide to global code (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

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
	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