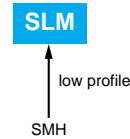


SLM Series

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

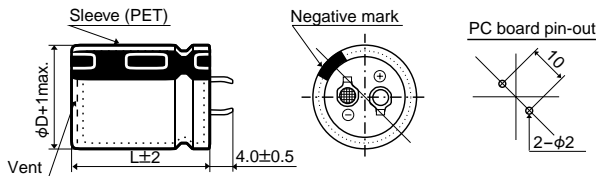


◆ SPECIFICATIONS

| Items | Characteristics | |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Category | -25 to +85°C | |
| Temperature Range | -25 to +85°C | |
| Rated Voltage Range | 160 to 400V _{dc} | |
| Capacitance Tolerance | ±20% (M) (at 20°C, 120Hz) | |
| Leakage Current | I ≤ 3√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 _{dc}) | 160 to 400V |
| | tanδ (Max.) | 0.20 (at 20°C, 120Hz) |
| Low Temperature Characteristics (Max. Impedance Ratio) | Rated voltage (V _{dc}) | 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 |

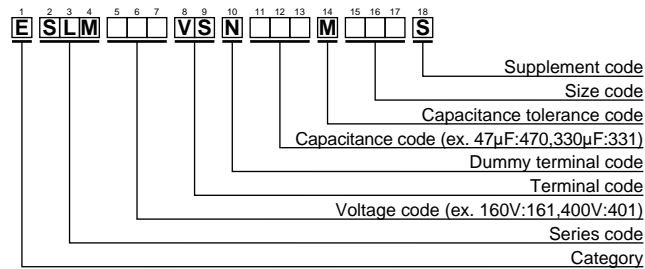
◆ DIMENSIONS [mm]

- Terminal 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 |
| 250 | 390 | 35 × 15 | 0.20 | 1.46 | ESLM201VSN391MA15S |
| | 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 |
| 400 | 330 | 35 × 15 | 0.20 | 1.34 | ESLM251VSN331MA15S |
| | 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 |