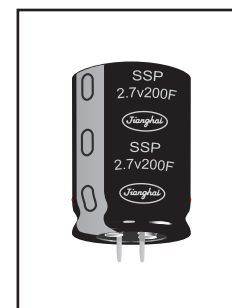


Features

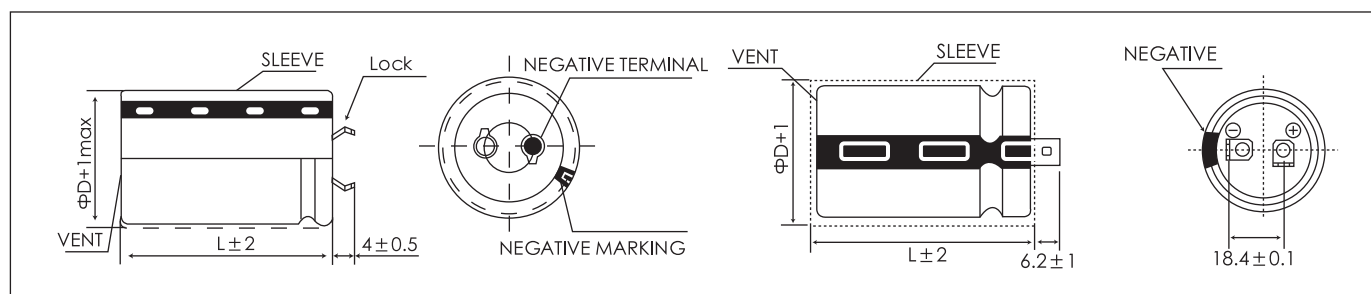
- Lower ESR
- Low temperature
- RoHS compliant
- Electronic tools
- Portable power tools
- UPS and back power supply



| Items | Characteristics | | |
|------------------------------|--|--------------------|--|
| Rated Voltage | 2.7V | | |
| Operating Temperature Range | -40 ~ +65°C (-40 ~ +85°C @ 2.3V) | | |
| Surge Voltage | 2.85V | | |
| Capacitance Range | 100~350F | | |
| Capacitance Tolerance (25°C) | -10~+30% | | |
| Temperature Characteristics | The specifications shall be met at category temperature range from -40°C to 65°C | Capacitance Change | Within 30% of the initial value at 25°C |
| | | ESR | Less than 2 times of the initial specified value |
| High Temperature Loaded | The specifications shall be met after rated voltage applied at 65°C for 1500 hours | Capacitance Change | Within 30% of the initial value |
| | | ESR | Less than 2 times of the initial specified value |
| High Temperature Storage | The specifications shall be met after storage at 65°C for 1000 hours | Capacitance Change | Within 30% of the initial value |
| | | ESR | Less than 2 times of the initial specified value |
| Cycle Life | The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V_R to $1/2V_R$ | Capacitance Change | Within 30% of the initial value |
| | | ESR | Less than 2 times of the initial specified value |

Dimensions

mm



Standard Ratings for SSP Series

| U_R (Surge Voltage) Code | Rated Capacitance 25°C | Impedance | | Leakage Current (72hrs) | Size $\Phi D \times L$ | Weight | P/N |
|----------------------------------|---------------------------|---------------|--------------------|----------------------------|---------------------------|--------|------------------------|
| | | ESR_{DC} | ESR_{AC} 1KHz | | | | |
| (V) | (F) | (m Ω) | (m Ω) | (mA) | (mm) | (g) | - |
| 2.7 (2.85) 2R7 | 100 | 12 | 8 | 0.3 | 22 × 45 | 20 | SCCDPS2R7107QSD220045E |
| | 200 | 10 | 6 | 0.7 | 30 × 50 | 36 | SCCDPS2R7207QSD300050E |
| | 350 | 3.5 | 3 | 1.0 | 35 × 60 | 64 | SCCDPS2R7357QSL350060E |
| | 400 | 3.2 | 2.8 | 1.0 | 35 × 60 | 70 | SCCDPS2R7407QSL350060E |
| | 470 | 3.5 | 3 | 1.3 | 35 × 60 | 75 | SCCDPS2R7477QSL350060E |