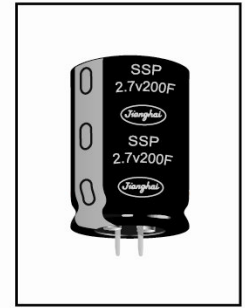
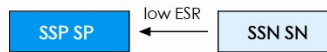


Features

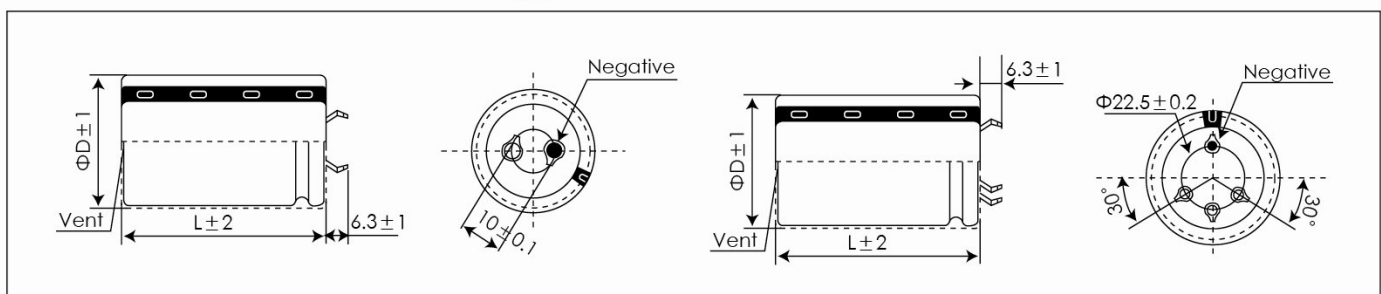
- Lower ESR
- Wider temperature range
- RoHS compliant
- Electronic tools
- Portable power tools
- UPS and back power supply



| Items | Characteristics | | |
|------------------------------|--|-------------------|-----------------------------------|
| Rated Voltage | 2.7V | | |
| Operating Temperature Range | -40 ~ +65°C | | |
| Surge Voltage | 2.85V | | |
| Capacitance Range | 100~350F | | |
| Capacitance Tolerance (20°C) | -20~+20%/-10~+30% | | |
| Temperature Characteristics | The specifications shall be met at category temperature range form -25°C to 70°C | Capacitance range | Within 30% of the initial value |
| | | ESR | Less than 400% of specified value |
| High Temperature Loaded | The specifications shall be met after rated voltage applied at 70°C for 1000 hours | Capacitance range | Within 30% of the initial value |
| | | ESR | Less than 200% of specified value |
| High Temperature Storage | The specifications shall be met after storage at 70°C for 1000 hours | Capacitance range | Within 30% of the initial value |
| | | ESR | Less than 200% of 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 range | Within 30% of the initial value |
| | | ESR | Less than 200% of specified value |

Dimensions

mm



Standard Ratings for SSP Series

| U_R (Surge Voltage) Code | Rated Capacitance 25°C | Impedance | | Max. Peak Current 1 Sec. | Leakage Current (72hrs) | Size $\Phi D \times L$ | P/N |
|----------------------------------|---------------------------|------------|--------------------|-----------------------------|----------------------------|---------------------------|-----------------------|
| | | ESR_{DC} | ESR_{AC} 1KHZ | | | | |
| (V) | (F) | (mΩ) | (mΩ) | (A) | (mA) | (mm) | - |
| 2.7 (2.85) 2R7 | 100 | 22 | 15 | 42.1 | 0.25 | 22×45 | SCSSP2R7107M□□220045E |
| | 150 | 20 | 13 | 50.6 | 0.32 | 25×50 | SCSSP2R7157M□□250050E |
| | 200 | 16 | 12 | 64.2 | 0.50 | 30×50 | SCSSP2R7207M□□300050E |
| | 350 | 12 | 10 | 91.2 | 0.70 | 35×60 | SCSSP2R7357M□□350060E |