



SVL Series

■ Features

- Low temperature product
- Quick charge & discharge
- RoHS compliant
- clocking circuit
- Automatic meter reader
- Controller
- Toys



| Items | Characteristics | | |
|------------------------------|--|-------------------|--|
| Rated Voltage | 5.5V | | |
| Operating Temperature Range | -40 ~+70°C | | |
| Surge Voltage | 6.0V | | |
| Capacitance Range | 0.22~1.5 F | | |
| Capacitance Tolerance (25°C) | -20~+80% | | |
| Temperature Characteristics | The specifications shall be met at category temperature range from -40°C to 70°C | Capacitance range | Within 30% of the 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 70°C for 1000 hours | Capacitance range | Within 30% of the initial value |
| | | ESR | Less than 4 times of the initial 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 4 times of the initial specified value |

Dimensions

mm



Standard Ratings for SVL Series

| Part No. | V | F | TYPE | ESR (Ω, @1kHz) | Leakage Current mA | ØD | H | P |
|------------------------|-----|------|------|-------------------|-----------------------|------|-----|-----|
| SCMDVL5R5224ZVC135007E | 5.5 | 0.22 | C | 75 | 0.003 | 13.5 | 7.0 | 5.0 |
| SCMDVL5R5224ZVH115004E | 5.5 | 0.22 | H | 75 | 0.005 | 11.5 | 4.5 | 10 |
| SCMDVL5R5224ZVV115004E | 5.5 | 0.22 | V | 75 | 0.005 | 11.5 | 4.5 | 5.0 |
| SCMDVL5R5334ZVC135007E | 5.5 | 0.33 | C | 50 | 0.005 | 13.5 | 7.0 | 5.0 |
| SCMDVL5R5334ZVH115004E | 5.5 | 0.33 | H | 50 | 0.008 | 11.5 | 4.5 | 10 |
| SCMDVL5R5334ZVV115004E | 5.5 | 0.33 | V | 50 | 0.008 | 11.5 | 4.5 | 5.0 |
| SCMDVL5R5474ZVC135007E | 5.5 | 0.47 | C | 50 | 0.005 | 13.5 | 7.0 | 5.0 |
| SCMDVL5R5474ZVH115004E | 5.5 | 0.47 | H | 50 | 0.008 | 11.5 | 4.5 | 10 |
| SCMDVL5R5474ZVV115004E | 5.5 | 0.47 | V | 50 | 0.008 | 11.5 | 4.5 | 5.0 |
| SCMDVL5R5105ZVC205007E | 5.5 | 1 | C | 30 | 0.008 | 20.5 | 7.5 | 5.0 |
| SCMDVL5R5105ZVH190004E | 5.5 | 1 | H | 30 | 0.010 | 19.0 | 4.5 | 20 |
| SCMDVL5R5105ZVV190004E | 5.5 | 1 | V | 30 | 0.010 | 19.0 | 4.5 | 5.0 |
| SCMDVL5R5155ZVC205007E | 5.5 | 1.5 | C | 30 | 0.008 | 20.5 | 7.5 | 5.0 |
| SCMDVL5R5155ZVH190004E | 5.5 | 1.5 | H | 30 | 0.010 | 19.0 | 4.5 | 20 |
| SCMDVL5R5155ZVV190004E | 5.5 | 1.5 | V | 30 | 0.010 | 19.0 | 4.5 | 5.0 |