



SCLT Series 5.5V -40~+85°C

■ Features

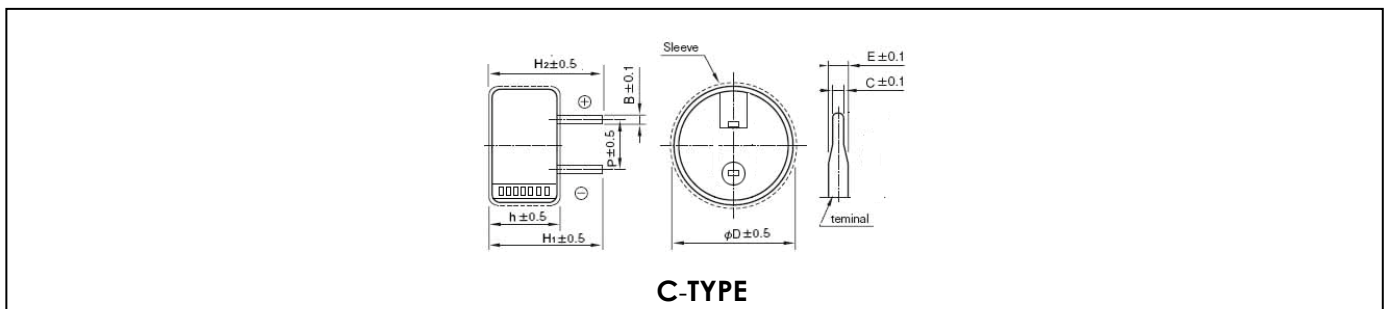
- Wide temperature range
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



| Items | Characteristics | | |
|------------------------------|--|-------------------|--|
| Rated Voltage | 5.5V | | |
| Operating Temperature Range | -40 ~+85°C | | |
| Surge Voltage | 6.0V | | |
| Capacitance Range | 0.22~1.0 F | | |
| Capacitance Tolerance (25°C) | -20~+80% | | |
| Temperature Characteristics | The specifications shall be met at category temperature range from -45°C to 85°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 85°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 85°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 SCLT Series

| Part No. | V | F | TYPE | ESR (Ω, @1kHz) | Leakage Current mA | ØD | H | P |
|-------------------------|-----|------|------|----------------|--------------------|------|-----|-----|
| SCMDCLT5R5224ZVC135009E | 5.5 | 0.22 | C | 75 | 0.003 | 13.5 | 9.0 | 5.0 |
| SCMDCLT5R5334ZVC135009E | 5.5 | 0.33 | C | 50 | 0.005 | 13.5 | 9.0 | 5.0 |
| SCMDCLT5R5684ZVC205009E | 5.5 | 0.68 | C | 30 | 0.008 | 20.5 | 9.5 | 5.0 |
| SCMDCLT5R5105ZVC205009E | 5.5 | 1 | C | 30 | 0.01 | 20.5 | 9.5 | 5.0 |

All product specifications are subject to change without notice (2019E1)