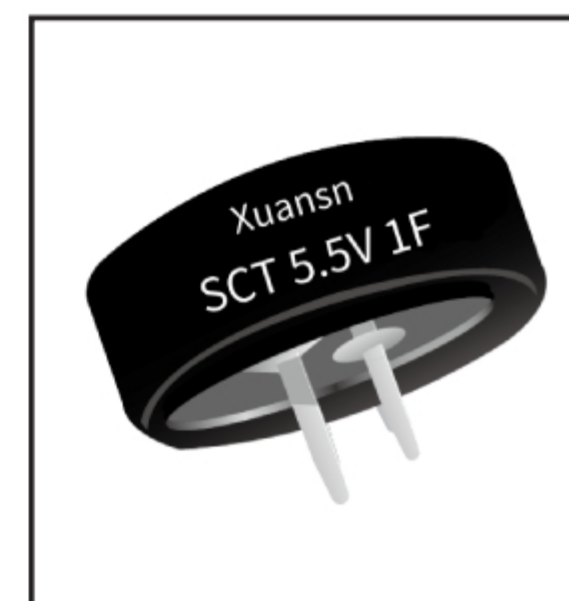


Features

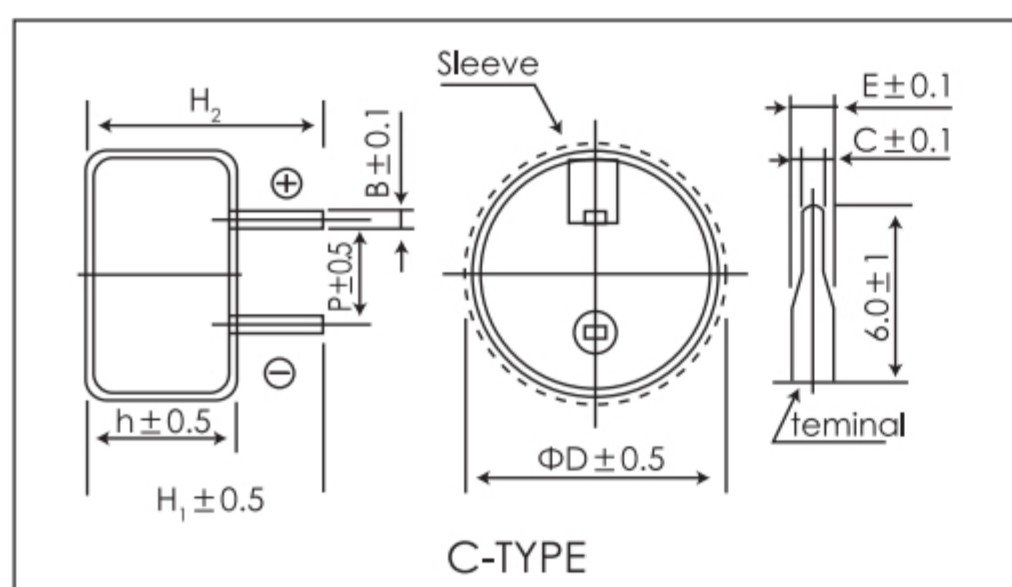
- Wide temperature range
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader
- RTC



| Items | Characteristics | | |
|------------------------------|--|--------------------|--|
| Rated Voltage | 5.5V | | |
| Operating Temperature Range | -40~+85°C | | |
| Surge Voltage | 6.0V | | |
| Capacitance Range | 0.1~1F | | |
| Capacitance Tolerance (25°C) | -20~+80% | | |
| Temperature Characteristics | The specifications shall be met at category temperature range form -40°C to 85°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 85°C for 1000 hours | Capacitance Change | 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 Change | Within 30% of the initial value |
| | | ESR | Less than 4 times of the initial specified value |

Dimensions

mm



Standard Ratings for SCT Series

| U _R (Surge Voltage) Code | Rated Capacitance (25°C) | ESR _{AC} (1KHz) | Leakage Current (72hrs) | Size | | | | | | | P/N | |
|---|-----------------------------|-----------------------------|----------------------------|------|-----|-----|----------------|----------------|-----|-----|-----|---|
| | | | | D | h | P | H ₁ | H ₂ | B | C | | E |
| (V) | (F) | (Ω) | (mA) | (mm) | | | | | | | - | |
| 5.5 (6) 5R5 C-TYPE | 0.1 | 75 | 0.003 | 13.5 | 9.0 | 5.0 | 14.5 | 15.5 | 0.4 | 0.8 | 1.2 | |
| | 0.22 | 75 | 0.003 | 13.5 | 9.0 | 5.0 | 14.5 | 15.5 | 0.4 | 0.8 | 1.2 | |
| | 0.33 | 50 | 0.005 | 13.5 | 9.0 | 5.0 | 14.5 | 15.5 | 0.4 | 0.8 | 1.2 | |
| | 0.68 | 30 | 0.008 | 20.5 | 9.5 | 5.0 | 14.5 | 15.5 | 0.4 | 0.8 | 1.2 | |
| | 1.0 | 30 | 0.010 | 20.5 | 9.5 | 5.0 | 14.5 | 15.5 | 0.4 | 0.8 | 1.2 | |