

## 5.5V

### ■ Features

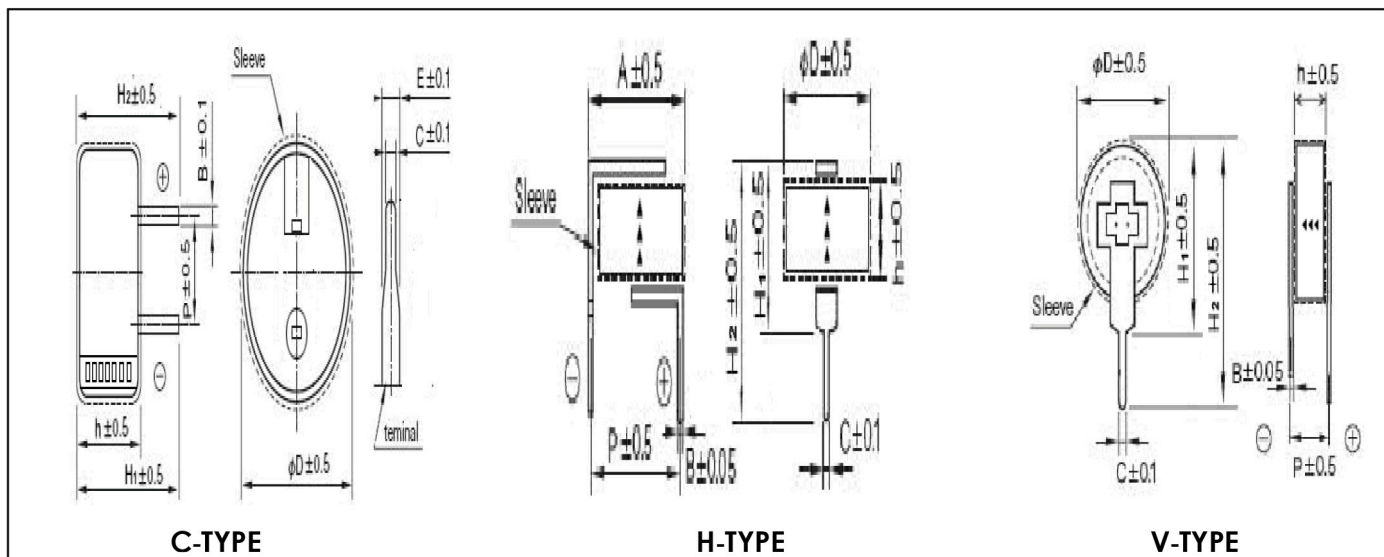
- High temperature product
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



| Items                        | Characteristics  |                   |  |
|------------------------------|--|-------------------|--|
| Rated Voltage                | 5.5V   |                   |  |
| Operating Temperature Range  | -25 ~+85°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 -25°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





# SVLT Series 5.5V -25 ~+85°C

## Standard Ratings for SVLT Series

| Part No.                | V   | F    | TYPE | ESR<br>( $\Omega$ ,@1kHz) | Leakage<br>Current<br>mA | ØD   | H   | P   |
|-------------------------|-----|------|------|---------------------------|--------------------------|------|-----|-----|
| SCMDVLT5R5224ZVC135007E | 5.5 | 0.22 | C    | 75                        | 0.003                    | 13.5 | 7.0 | 5.0 |
| SCMDVLT5R5224ZVH115004E | 5.5 | 0.22 | H    | 75                        | 0.003                    | 11.5 | 4.5 | 10  |
| SCMDVLT5R5224ZVV115004E | 5.5 | 0.22 | V    | 75                        | 0.003                    | 11.5 | 4.5 | 5.0 |
| SCMDVLT5R5334ZVC135007E | 5.5 | 0.33 | C    | 50                        | 0.005                    | 13.5 | 7.0 | 5.0 |
| SCMDVLT5R5334ZVH115004E | 5.5 | 0.33 | H    | 50                        | 0.005                    | 11.5 | 4.5 | 10  |
| SCMDVLT5R5334ZVV115004E | 5.5 | 0.33 | V    | 50                        | 0.005                    | 11.5 | 4.5 | 5.0 |
| SCMDVLT5R5474ZVC135007E | 5.5 | 0.47 | C    | 50                        | 0.005                    | 13.5 | 7.0 | 5.0 |
| SCMDVLT5R5474ZVH115004E | 5.5 | 0.47 | H    | 50                        | 0.005                    | 11.5 | 4.5 | 10  |
| SCMDVLT5R5474ZVV115004E | 5.5 | 0.47 | V    | 50                        | 0.005                    | 11.5 | 4.5 | 5.0 |
| SCMDVLT5R5105ZVC205007E | 5.5 | 1    | C    | 30                        | 0.008                    | 20.5 | 7.5 | 5.0 |
| SCMDVLT5R5105ZVH190004E | 5.5 | 1    | H    | 30                        | 0.008                    | 19.0 | 4.5 | 20  |
| SCMDVLT5R5105ZVV190004E | 5.5 | 1    | V    | 30                        | 0.008                    | 19.0 | 4.5 | 5.0 |
| SCMDVLT5R5155ZVC205007E | 5.5 | 1.5  | C    | 30                        | 0.008                    | 20.5 | 7.5 | 5.0 |
| SCMDVLT5R5155ZVH190004E | 5.5 | 1.5  | H    | 30                        | 0.008                    | 19.0 | 4.5 | 20  |
| SCMDVLT5R5155ZVV190004E | 5.5 | 1.5  | V    | 30                        | 0.008                    | 19.0 | 4.5 | 5.0 |