



# SCL Series

## ■ Features

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

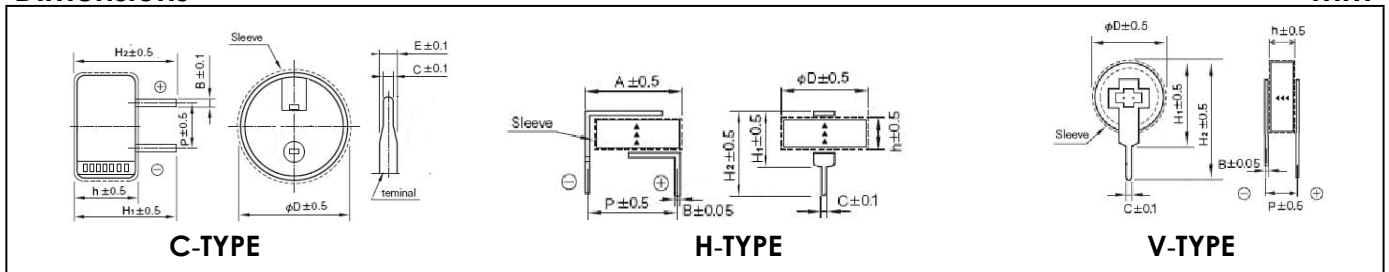


\*\*Mass Production will have LELON logo and Series

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

| Part No.               | V   | F    | TYPE | ESR<br>(Ω, @1kHz) | Leakage<br>Current mA | ØD   | H   | P   |
|------------------------|-----|------|------|-------------------|-----------------------|------|-----|-----|
| SCMDLC5R5224ZVC135007E | 5.5 | 0.22 | C    | 75                | 0.003                 | 13.5 | 7   | 5.0 |
| SCMDLC5R5224ZVH115004E | 5.5 | 0.22 | H    | 75                | 0.003                 | 11.5 | 4.5 | 10  |
| SCMDLC5R5224ZVV115004E | 5.5 | 0.22 | V    | 75                | 0.003                 | 11.5 | 4.5 | 5.0 |
| SCMDLC5R5334ZVC135007E | 5.5 | 0.33 | C    | 50                | 0.005                 | 13.5 | 7   | 5.0 |
| SCMDLC5R5334ZVH115004E | 5.5 | 0.33 | H    | 50                | 0.005                 | 11.5 | 4.5 | 10  |
| SCMDLC5R5334ZVV115004E | 5.5 | 0.33 | V    | 50                | 0.005                 | 11.5 | 4.5 | 5.0 |
| SCMDLC5R5474ZVC135007E | 5.5 | 0.47 | C    | 50                | 0.005                 | 13.5 | 7   | 5.0 |
| SCMDLC5R5474ZVH115004E | 5.5 | 0.47 | H    | 50                | 0.005                 | 11.5 | 4.5 | 10  |
| SCMDLC5R5474ZVV115004E | 5.5 | 0.47 | V    | 50                | 0.005                 | 11.5 | 4.5 | 5.0 |
| SCMDLC5R5105ZVC205007E | 5.5 | 1    | C    | 30                | 0.008                 | 20.5 | 7.5 | 5.0 |
| SCMDLC5R5105ZVH190004E | 5.5 | 1    | H    | 30                | 0.008                 | 19.0 | 4.5 | 20  |
| SCMDLC5R5105ZVV190004E | 5.5 | 1    | V    | 30                | 0.008                 | 19.0 | 4.5 | 5.0 |
| SCMDLC5R5155ZVC205007E | 5.5 | 1.5  | C    | 30                | 0.008                 | 20.5 | 7.5 | 5.0 |
| SCMDLC5R5155ZVH190004E | 5.5 | 1.5  | H    | 30                | 0.008                 | 19.0 | 4.5 | 20  |
| SCMDLC5R5155ZVV190004E | 5.5 | 1.5  | V    | 30                | 0.008                 | 19.0 | 4.5 | 5.0 |

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Authorized Distributor

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Lelon:

|                                               |                                               |                                               |
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| <a href="#"><u>SCMDLC5R5474ZVC135007E</u></a> | <a href="#"><u>SCMDLC5R5474ZVV115004E</u></a> | <a href="#"><u>SCMDLC5R5105ZVC205007E</u></a> |
| <a href="#"><u>SCMDLC5R5334ZVH115004E</u></a> | <a href="#"><u>SCMDLC5R5224ZVV115004E</u></a> | <a href="#"><u>SCMDLC5R5334ZVC135007E</u></a> |
| <a href="#"><u>SCMDLC5R5105ZVV190004E</u></a> | <a href="#"><u>SCMDLC5R5155ZVH190004E</u></a> | <a href="#"><u>SCMDLC5R5105ZVH190004E</u></a> |
| <a href="#"><u>SCMDLC5R5224ZVH115004E</u></a> | <a href="#"><u>SCMDLC5R5474ZVH115004E</u></a> | <a href="#"><u>SCMDLC5R5155ZVC205007E</u></a> |