

Feature:

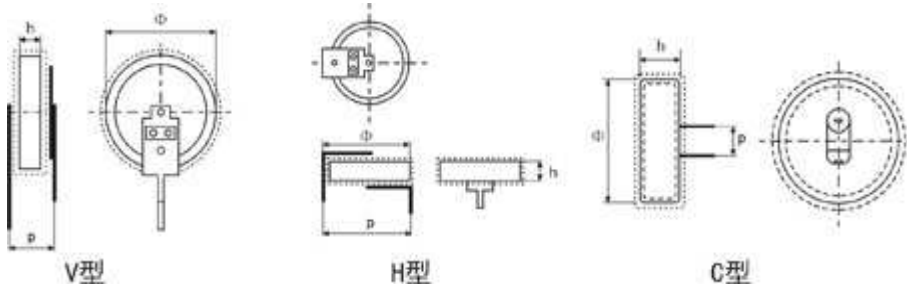
- * Coin cell style, large capacitance and excellent voltage holding.
- * Use in memory & RTC backup of intelligent metering, measuring instrument, computers, printers, car stereos etc.



Key Technical Spec.

| | |
|-------------------------------|---|
| Working Temp. Range | -25°C~+70°C |
| Rated Voltage | 5.5VDC |
| Surge Voltage | 6.3VDC |
| Max. Tolerance of Capacitance | -20%~+80% |
| Temp. Performance | At +70°C, $\Delta C/C \leq 30\%$ ESR $\leq 100\%$ of specified value (25°C) At -25°C, $\Delta C/C \leq 50\%$, ESR $\leq 400\%$ of specified value (25°C) |
| Under High Temp. and load | After 1000h, under +70°C±2 and 5.5V, $\Delta C/C \leq 30\%$ of initial measured value, ESR $\leq 400\%$ of initial specified value |
| Under High Temp. and no load | After 1000h, under +70°C±2 and 5.5V, $\Delta C/C \leq 30\%$ of initial measured value, ESR $\leq 400\%$ of initial specified value |
| Under humidity and load | After 240h, under +40°C±2 and 90~95%RH, $\Delta C/C \leq 30\%$ of initial measured value, IL $\leq 200\%$ of initial specified value, ESR $\leq 400\%$ of initial specified value |
| Circular life | 100,000 times charge-discharge under 5.5V and normal temp. |
| Standard | IEC 62301-1 |

Dimension:

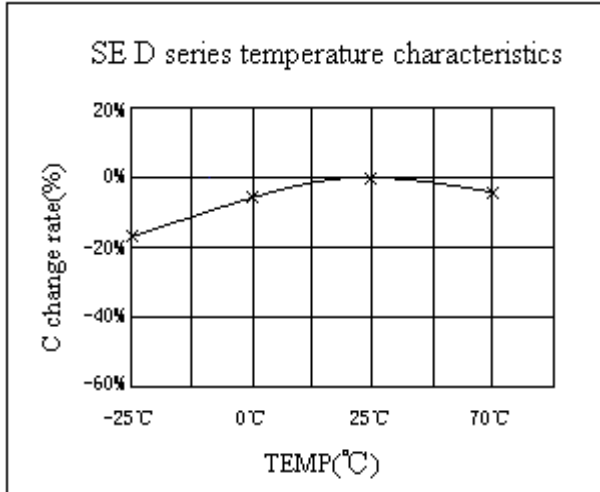


Performance Parameter:

| P/N. | Rated Capacitance | Working Voltage | ESR 1kHz (Ω) | Size (Φ×h, mm) ±0.2mm | P(mm) ±0.5mm | Mounting Type |
|------------|-------------------|-----------------|--------------|-----------------------|--------------|---------------|
| SE-55-10 | 0.1F | 5.5V | 75 | 13.2×6.3 | 5.5 | C |
| SE-55-10H | 0.1F | 5.5V | 75 | 11.5×4.5 | 12 | H |
| SE-55-10V | 0.1F | 5.5V | 75 | 11.5×4.5 | 4.5 | V |
| SE-55-22 | 0.22F | 5.5V | 75 | 13.2×6.3 | 5.5 | C |
| SE-55-22H | 0.22F | 5.5V | 75 | 11.5×4.5 | 12 | H |
| SE-55-22V | 0.22F | 5.5V | 75 | 11.5×4.5 | 4.5 | V |
| SE-55-47 | 0.47F | 5.5V | 30 | 20.5×7.5 | 7 | C |
| SE-55-47H | 0.47F | 5.5V | 30 | 19.5×4.5 | 20 | H |
| SE-55-47V | 0.47F | 5.5V | 30 | 19.5×4.5 | 5 | V |
| SE-55-68 | 0.68F | 5.5V | 30 | 20.5×7.5 | 7 | C |
| SE-55-100 | 1.0F | 5.5V | 30 | 20.5×7.5 | 7 | C |
| SE-55-100H | 1.0F | 5.5V | 30 | 19.5×4.5 | 20 | H |
| SE-55-100V | 1.0F | 5.5V | 30 | 19.5×4.5 | 5 | V |
| SE-55-150 | 1.5F | 5.5V | 25 | 20.5×7.5 | 7 | C |

Test curves:

(1)、Temperature characteristics



(2)、Life characteristics

