

## Features

- **Temperature characteristics:**  $|\Delta C/C| \leq 30\%$ ,  $ESR \leq$  specified  $ESR(25^{\circ}C)$  at  $+70^{\circ}C$ ;  $\Delta C/C \leq 50\%$ ,  $ESR \leq 4$  times of specified  $ESR(25^{\circ}C)$  at  $-25^{\circ}C$
- **High temperature load:**  $\Delta C/C \leq 30\%$ ,  $ESR \leq 4$  times of specified  $ESR(25^{\circ}C)$  at  $+70^{\circ}C/1000hrs/5V$
- **High temperature storage:**  $|\Delta C/C| \leq 30\%$ ,  $ESR \leq 2$  times of specified  $ESR(25^{\circ}C)$  at  $+70^{\circ}C/1000hrs$
- **Hygrothermal characteristics:**  $+40^{\circ}C$ , 90--95%RH, 240h,  $|\Delta C/C| \leq 30\%$ ,  $ESR \leq 4$  times of specified  $ESR(25^{\circ}C)$

## RS PRO Super Capacitors

RS Stock No.: 0360061



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

- *Applications they are most suited for RTC, fault indicator, tachograph, DTu, toys (toy cars, toy planes), intelligent three meter, cycle rear light, radio, electronic door lock, digital frame, set top box, remote control, tax control machine, controller (temperature controller), punch in machine, counter, bus card reader, identification, vehicle monitoring.*

## General Specifications

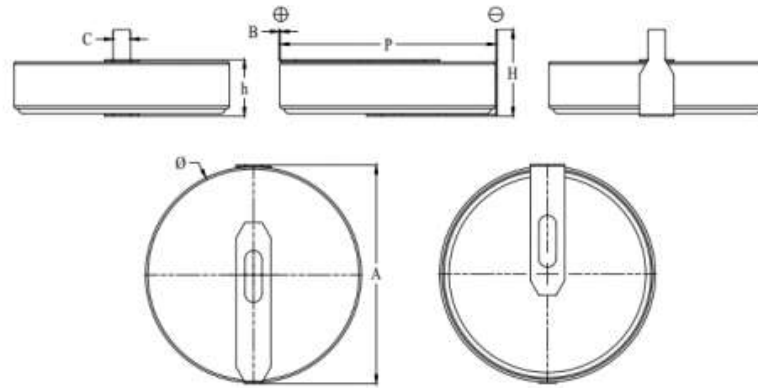
|                                        |                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Model</b>                           | 0360061                                                                                                  |
| <b>Rated discharge capacitance</b>     | 4F                                                                                                       |
| <b>Capacitance tolerance</b>           | -20 % ~ + 80 %                                                                                           |
| <b>Rated voltage</b>                   | 5.5V                                                                                                     |
| <b>Nominal impedance: AC Imp @1kHz</b> | 16 Ω                                                                                                     |
| <b>Nominal impedance: DC Imp</b>       | 25 Ω                                                                                                     |
| <b>Weight</b>                          | 7.1g (typical value)                                                                                     |
| <b>Maximum peak current (1 s)</b>      | 108mA                                                                                                    |
| <b>Leakage current (24 h)</b>          | ≤ 0.03 mA                                                                                                |
| <b>Working temperature range</b>       | -40 ~ 70 °C                                                                                              |
| <b>Storage temperature range</b>       | -40 ~ 85 °C                                                                                              |
| <b>Cycle life</b>                      | 25°C, rated voltage-half rated voltage>500000 cycles,<br>  Δ C/C   ≤ 30%, ESR ≤ 4 times of specified ESR |
| <b>Quantities per Tray</b>             | 63pcs                                                                                                    |

## Approvals

**Standards Met** ROHS/REACH

## Similar Products

| Stock No. | Brand  | Product Name    | Rated discharge capacitance | Rated voltage | Shape Designation |
|-----------|--------|-----------------|-----------------------------|---------------|-------------------|
| 0360048   | RS PRO | Super Capacitor | 0.1F                        | 5.5V          | Coin              |
| 0360049   | RS PRO | Super Capacitor | 0.1F                        | 5.5V          | Coin              |
| 0360050   | RS PRO | Super Capacitor | 0.1F                        | 5.5V          | Coin              |
| 0360051   | RS PRO | Super Capacitor | 0.1F                        | 5.5V          | Coin              |
| 0360053   | RS PRO | Super Capacitor | 0.1F                        | 5.5V          | Coin              |
| 0360054   | RS PRO | Super Capacitor | 0.22F                       | 5.5V          | Coin              |
| 0360055   | RS PRO | Super Capacitor | 0.22F                       | 5.5V          | Coin              |
| 0360057   | RS PRO | Super Capacitor | 0.33F                       | 5.5V          | Coin              |
| 0360058   | RS PRO | Super Capacitor | 0.33F                       | 5.5V          | Coin              |
| 0360060   | RS PRO | Super Capacitor | 0.33F                       | 5.5V          | Coin              |
| 0360061   | RS PRO | Super Capacitor | 4F                          | 5.5V          | Coin              |
| 0360063   | RS PRO | Super Capacitor | 4F                          | 5.5V          | Coin              |
| 0360064   | RS PRO | Super Capacitor | 0.47F                       | 5.5V          | Coin              |
| 0360066   | RS PRO | Super Capacitor | 0.47F                       | 5.5V          | Coin              |
| 0360067   | RS PRO | Super Capacitor | 10F                         | 2.7V          | Radial            |
| 0360069   | RS PRO | Super Capacitor | 150F                        | 2.7V          | Radial            |
| 0360070   | RS PRO | Super Capacitor | 150F                        | 2.7V          | Radial            |



| 项目 / Item | 标准 / Criteria | 项目 / Item | 标准 / Criteria | 项目 / Item | 标准 / Criteria  |
|-----------|---------------|-----------|---------------|-----------|----------------|
| Φ         | 25.0 ± 0.5 mm | H         | 9.0 ± 0.5 mm  | h         | 6.5 ± 0.5 mm   |
| P         | 25.0 ± 0.5 mm | A         | 25.5 ± 0.5 mm | B         | 0.20 ± 0.05 mm |
| C         | 1.8 ± 0.2 mm  |           |               |           |                |