

Features

- Small size & large capacity
- Very low ESR
- Low leakage currents
- Long cycle life
- 60/70 1,000hr
- Pb Free available

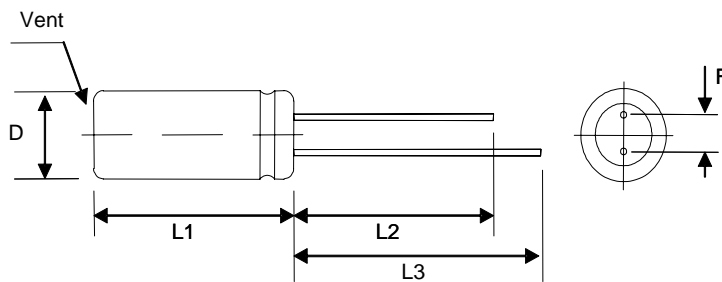
Applications

- Drive for motors and electromagnetic coils
- Quick charge & discharge for small size devices
- Hybrid battery packs
- Pulse power

Specifications

Items	Characteristics	
Rated working voltage	2.5 VDC	2.7 VDC
Operating temperature	-25 to +70	-40 to +60
Nominal Cap. range	0.15 ~ 0.30F	
Capacitance tolerance	-20% to +40%(at 25 °C)	
Endurance	Capacitance change : $\pm 30\%$ of initial measured value Internal resistance : 300% times of specified value (After 1,000hours application of rated DC working voltage at +60/70 °C, the capacitor shall meet the following limits.)	
Shelf life	meet the specified limit for "Endurance"	

Dimensions in mm(not to scale)



Standard products

Part number	Operating Voltage (V)	Capacitance (F)	ESR (Ω , @1kHz)	D×L1× F (mm)
SC SR 2R5 154	2.5	0.15	10	Ø4.0×7.0×1.5
SC SR 2R7 154	2.7	0.15	5	Ø4.0×7.0×1.5
SC SR 2R5 304	2.5	0.30	2.0	Ø5.2×12.0×2.0
SC SR 2R7 304	2.7	0.30	1.0	Ø5.2×12.0×2.0

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process