

● Features

- Extremely low leakage current
- Extremely low ESR
- High pulse power

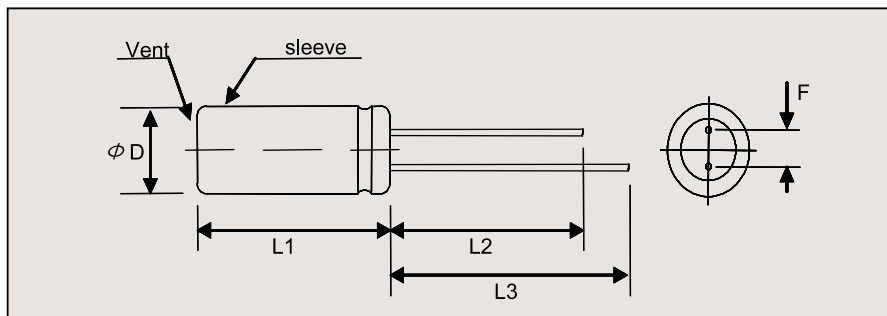
● Applications

- More than 100mA from milli-sec to several-min
- Motor start Power applications, Peak Power with battery
- Tax controller, Handy terminal, Bar-cord scanner, GPS, GSM/GPRS Wireless modem

● Specifications

Items	Characteristics	
Rated working voltage	2.5 VDC	2.7 VDC
Operating temperature	-25 to +70°C	-40 to +60°C
Nominal Cap. range	1.5F to 30F	
Capacitance tolerance	-20% to +40%(at 25°C)	
Endurance	Capacitance change : $\pm 30\%$ of initial measured value Internal resistance : $\leq 400\%$ times of initial specified value (After 1,000 hours Application of rated DC working voltage at +60/+70°C, the capacitor shall meet the following limits.)	
Shelf life	After 1,000hours storage at +60/+70°C without load, the capacitor shall meet the specified limit for "Endurance"	

● Dimensions in mm(not to scale)



● Standard products

Part number	Operating Voltage(V)	Capacitance (F)	ESR (Ω, @1kHz)	φD × L1 (mm)	F(mm)
SC HP 2R5 155	2.5V	1.5	≤ 0.100	φ 8 × 20	4.0
SC HP 2R5 205		2	≤ 0.080	φ 8 × 25	4.0
SC HP 2R5 305		3	≤ 0.060	φ 10 × 20	5.5
SC HP 2R5 505		5	≤ 0.050	φ 10 × 25	5.5
SC HP 2R5 605		6	≤ 0.040	φ 12.5 × 20	5.5
SC HP 2R5 106		10	≤ 0.030	φ 12.5 × 25	5.5
SC HP 2R5 156		15	≤ 0.025	φ 16 × 25	8.0
SC HP 2R5 206		20	≤ 0.020	φ 16 × 35	8.0
SC HP 2R5 306		30	≤ 0.015	φ 18 × 40	8.0
SC HP 2R7 155	2.7V	1.5	≤ 0.075	φ 8 × 20	4.0
SC HP 2R7 205		2	≤ 0.070	φ 8 × 25	4.0
SC HP 2R7 305		3	≤ 0.060	φ 10 × 20	5.5
SC HP 2R7 505		5	≤ 0.050	φ 10 × 25	5.5
SC HP 2R7 605		6	≤ 0.040	φ 12.5 × 20	5.5
SC HP 2R7 106		10	≤ 0.030	φ 12.5 × 25	5.5
SC HP 2R7 156		15	≤ 0.025	φ 16 × 25	8.0
SC HP 2R7 206		20	≤ 0.020	φ 16 × 35	8.0
SC HP 2R7 306		30	≤ 0.015	φ 18 × 40	8.0

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