

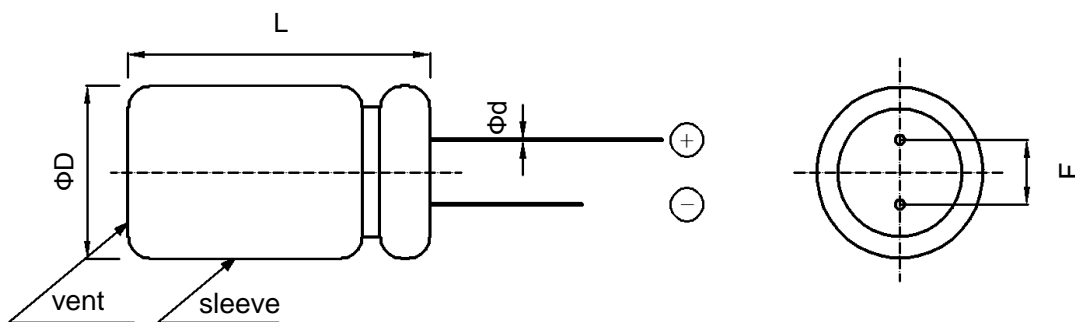
Feature

- Small Size, High Capacitance
- Low ESR
- Low LC
- Over 500,000 Times Cycle Life
- Lead Wire Termination

Application

- Backup Power、AMR、Black Box
- Auto Meter、DTU/FTU、POS Machine
- Fast Charging & Motor Driving Power、Toy car and plane
- Long Life Power、Solar Traffic Sign

Dimension



Part Number	Dimension/mm			
	D±0.5	L±0.5	F±0.5	d±0.05
SCV0001C0-0002R7LTZ	8	11	3.5	0.5
SCV0002C0-0002R7LTZ	8	14	3.5	0.5
SCV0003C3-0002R7LTZ	8	21	3.5	0.5
SCV0007C0-0002R7LTZ	10	22	5.0	0.6
SCV0010C0-0002R7LTB	10	30	5.0	0.6
SCV0010C0-0002R7LTE	12.5	22.5	5.0	0.6
SCV0025C0-0002R7LTZ	16	31.5	7.5	0.8
SCV0025C0-0002R7LTA	16	27	7.5	0.8
SCV0050C0-0002R7LTZ	18	42	7.5	0.8
SCV0060C0-0002R7LTZ	18	42	7.5	0.8

Specification

Item	Specifications
Working Voltage	2.7 VDC
Surge Voltage	2.85 VDC
Working Temp. Range	-40°C to 65°C
Capacitance Tolerance	-10% to +40% (25°C)
Temp. Characteristic (-40°C to 65°C)	$\Delta C \leq$ Initial measured value 30% ESR \leq Specified value 200%
Life (1,000 hours @ 65°C, 2.7 VDC)	$\Delta C \leq$ Initial measured value 30% ESR \leq Specified value 200%
Cycle Life (Cycle between rated voltage and 1/2 rated voltage for 500,000 times)	$\Delta C \leq$ Initial measured value 30% ESR \leq Specified value 200%

Standard Product

Part Number	Cap (F)	ESR (mΩ) (1kHz)	LC (mA) (RT 72hrs)	Rated Current (A)	Peak Current (A)	Mass (g)
SCV0001C0-0002R7LTZ	1	220	0.008	0.35	1.0	1.0
SCV0002C0-0002R7LTZ	2	120	0.01	0.6	2.0	1.2
SCV0003C3-0002R7LTZ	3.3	90	0.01	0.9	3.1	1.5
SCV0007C0-0002R7LTZ	7	45	0.02	1.8	6.4	2.5
SCV0010C0-0002R7LTB	10	35	0.03	2.3	8.9	3.0
SCV0010C0-0002R7LTE	10	35	0.03	2.3	8.9	3.5
SCV0025C0-0002R7LTZ	25	20	0.07	4.0	19.3	7.8
SCV0025C0-0002R7LTA	25	20	0.07	4.0	19.3	7.2
SCV0050C0-0002R7LTZ	50	12	0.15	6.6	35.5	13.5
SCV0060C0-0002R7LTZ	60	12	0.16	6.6	38.9	14.0