

● **Features**

- Small size but large capacity
- 60/70 °C 1,000hr
- Pb Free available

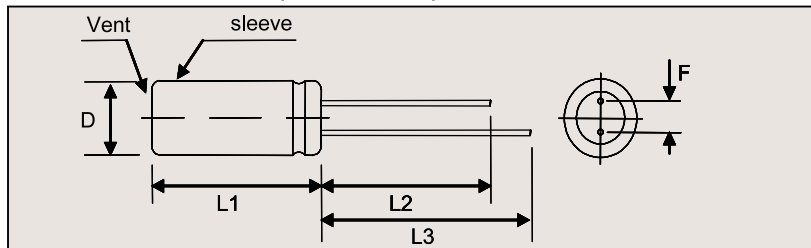
● **Applications**

- Solar battery circuit (e.g. Traffic stop sign "LED type", Road guidance flasher)
- Quick charge motor drive through quick charge (e.g. Toy car & plane)
- Drive for motors and electromagnetic coils. (Toys, Portable PC, Power toothbrushes)

● **Specifications**

Items	Characteristics		
	2.3 VDC	2.5 VDC	2.7 VDC
Rated working voltage	2.3 VDC	2.5 VDC	2.7 VDC
Operating temperature	- 10 to +60 °C	- 25 to +70 °C	- 40 to +60 °C
Nominal Cap. range	20 to 120F	1 to 100F	
Capacitance tolerance	- 20% to +40%(at 25 °C)		
Endurance	Capacitance change : ±30% of initial measured value Internal resistance : ≤ 400% 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	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)**



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Part number	Operating voltage (V)	Capacitance (F)	ESR (Ω, @1kHz)	Φ D×L1 (mm)	F(mm)
SC DR 2R3 206	2.3	20	≤ 0.050	Φ 10 × 25	5.5
SC DR 2R3 306		30	≤ 0.035	Φ 12.5 × 25	5.5
SC DR 2R3 506		50	≤ 0.025	Φ 16 × 25	8.0
SC DR 2R3 706		70	≤ 0.022	Φ 16 × 35	8.0
SC DR 2R3 127		120	≤ 0.020	Φ 18 × 40	8.0
SC DR 2R5 105	2.5	1	≤ 0.300	Φ 8 × 13	4.0
SC DR 2R5 305		3	≤ 0.150	Φ 8 × 20	4.0
SC DR 2R5 335		3.3	≤ 0.150	Φ 8 × 20	4.0
SC DR 2R5 335		3.3	≤ 0.070	Φ 12.5 × 23	5.5
SC DR 2R5 505		5	≤ 0.120	Φ 8 × 25	4.0
SC DR 2R5 705		7	≤ 0.100	Φ 10 × 20	5.5
SC DR 2R5 106		10	≤ 0.070	Φ 10 × 25	5.5
SC DR 2R5 156		15	≤ 0.050	Φ 12.5 × 25	5.5
SC DR 2R5 256		25	≤ 0.030	Φ 16 × 25	8.0
SC DR 2R5 356		35	≤ 0.025	Φ 16 × 35	8.0
SC DR 2R5 706		70	≤ 0.020	Φ 18 × 40	8.0
SC DR 2R5 107		100	≤ 0.018	Φ 22 × 45	-
SC DR 2R7 105		2.7	1	≤ 0.200	Φ 8 × 13
SC DR 2R7 305	3		≤ 0.075	Φ 8 × 20	4.0
SC DR 2R7 335	3.3		≤ 0.075	Φ 8 × 20	4.0
SC DR 2R7 505	5		≤ 0.060	Φ 8 × 25	4.0
SC DR 2R7 705	7		≤ 0.050	Φ 10 × 20	5.5
SC DR 2R7 106	10		≤ 0.035	Φ 10 × 25	5.5
SC DR 2R7 156	15		≤ 0.030	Φ 12.5 × 25	5.5
SC DR 2R7 256	25		≤ 0.020	Φ 16 × 25	8.0
SC DR 2R7 356	35		≤ 0.018	Φ 16 × 35	8.0
SC DR 2R7 706	70		≤ 0.016	Φ 18 × 40	8.0
SC DR 2R7 107	100		≤ 0.014	Φ 22 × 45	-

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