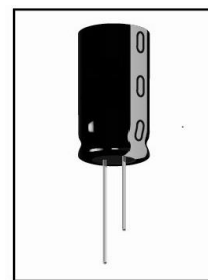




SRL Series 3V -40~+70°C

■ Features

- High voltage
- Wider temperature range
- RoHS compliant
- Consumer electronic
- Pulse power
- Hold-up power



Items	Characteristics		
Rated Voltage	3 V		
Operating Temperature Range	-40 ~+65°C (-40 ~+85°C @2.5V)		
Surge Voltage	3.2V		
Capacitance Range	3~50 F		
Capacitance Tolerance (25°C)	-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range from -40°C to 65°C	Capacitance range	Within 30% of the value at 25°C
		ESR	Less than 2 times of the initial specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 65°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
High Temperature Storage	The specifications shall be met after storage at 65°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
Cycle Life	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V_R to $1/2V_R$	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value

Dimensions

mm

Technical drawing of a capacitor showing side and end views with dimensions.

Side View Dimensions:

- Vent
- Sleeve
- $\phi D \pm 0.05$
- $L \pm \alpha \text{ max.}$
- 15 Min
- 4 Min

End View Dimensions:

- $p \pm 0.5$

ΦD	8	10	16	18
p	3.5	5.0	7.5	
Φd	0.6	0.6	0.8	
α	1.5	2.0		

Standard Ratings for SRL Series

U _R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Leakage Current (72hrs) (mA)	Size ΦDxL (mm)	Weight (g)	P/N
		ESR _{DC} (mΩ)	ESR _{AC} (1KHz) (mΩ)				
(v)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(g)	-
3 (3.2) 3R0	3	150	80	0.013	8 x 20	1.4	SCCDLR3R0305QRH080020E
	5	130	70	0.018	10 x 20	2.1	SCCDLR3R0505QRH100020E
	7	80	55	0.025	10 x 25	2.3	SCCDLR3R0705QRH100025E
	10	60	40	0.040	10 x 30	3.2	SCCDLR3R0106QRH100030E
	25	35	25	0.080	16 x 25	7	SCCDLR3R0256QRH160025E
	50	22	15	0.150	18 x 40	12.8	SCCDLR3R0506QRH180040E

All product specifications are subject to change without notice (2019E1)