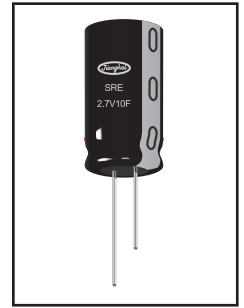


## Features

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



Items	Characteristics		
Rated Voltage	3V		
Operating Temperature Range	-40 ~ +65°C (-40 ~ +85°C @2.5V)		
Surge Voltage	3.2V		
Capacitance Range	3~50F		
Capacitance Tolerance (25°C)	-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range form -40°C to 65°C	Capacitance Change	Within 30% of the initial 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 Change	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 Change	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 Change	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value

## Dimensions

mm

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

## Standard Ratings for SRE Series

$U_R$ (Surge Voltage) Code	Rated Capacitance 25°C	Impedance		Leakage Current (72hrs)	Size ΦD×L	Weight	P/N
		ESR <sub>DC</sub>	ESR <sub>1KHZ</sub>				
(V)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(g)	-
3 (3.2)	3	150	80	0.013	8×20	1.4	SCCDE3R0305QRH080020E
	5	130	70	0.018	10×20	2.1	SCCDE3R0505QRH100020E
	7	80	55	0.025	10×25	2.3	SCCDE3R0705QRH100025E
	10	60	40	0.040	10×30	3.2	SCCDE3R0106QRH100030E
3R0	25	35	25	0.080	16×25	7	SCCDE3R0256QRH160025E
	50	22	15	0.150	18×40	12.8	SCCDE3R0506QRH180040E