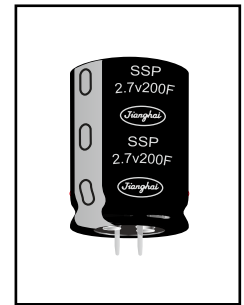


Features

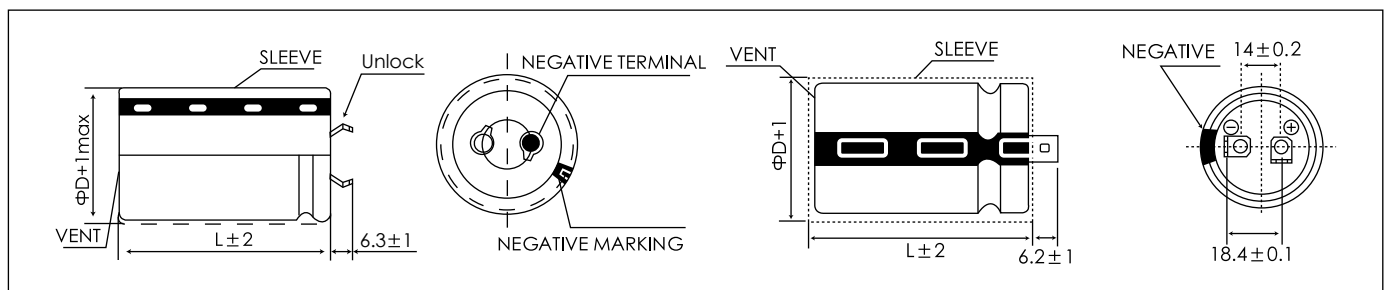
- Standard Product
- RoHS compliant
- Electronic tools
- Portable power tools
- UPS and back power supply



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-40 ~+65°C (-40 ~+85°C@2.3V)		
Surge Voltage	2.85V		
Capacitance Range	100~600F		
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 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 1500 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



Standard Ratings for SSP Series

U_R (Surge Voltage) Code	Rated Capacitance 25°C	Impedance		Leakage Current (72hrs)	Size $\Phi D \times L$	Weight	P/N
		ESR_{DC}	ESR_{AC} 1KHz				
(V)	(F)	(m Ω)	(m Ω)	(mA)	(mm)	(g)	-
2.7 (2.85) 2R7	100	12	8	0.3	22×45	20	SCCDPS2R7107QSA220045E
	200	10	6	0.7	30×50	36	SCCDPS2R7207QSA300050E
	350	3.5	3	1.0	35×60	64	SCCDPS2R7357QSL350060E
	400	3.2	2.8	1.0	35×60	70	SCCDPS2R7407QSL350060E
	470	3.5	3	1.3	35×60	75	SCCDPS2R7477QSL350060E
	500	3.4	2.9	1.3	35×67	80	SCCDPS2R7507QSL350067E
600	3.5	3	1.5	35×70	82	SCCDPS2R7607QSL350070E	