

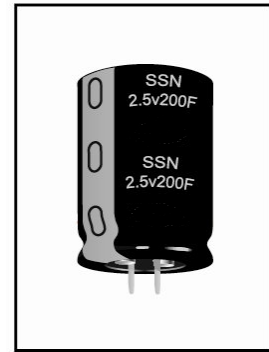
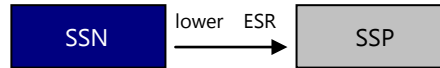
Super/Gold Capacitor - Snap In



SSN Series

■ Features

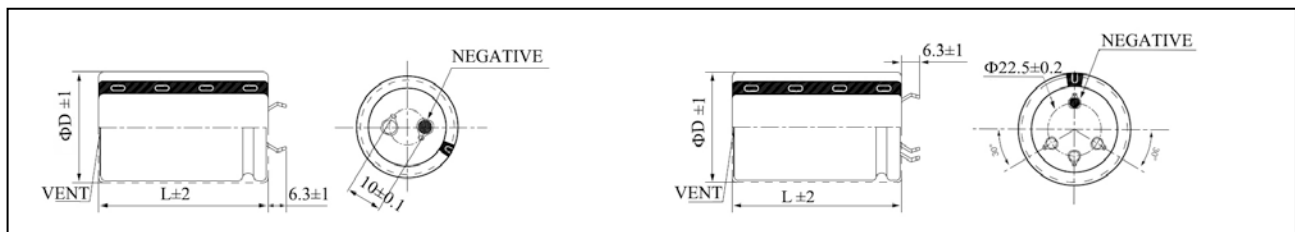
- Standard product
- Quick charge & discharge
- RoHS compliant
- Electronic tools
- Portable power tools
- UPS and back power supply



Items	Characteristics		
Rated Voltage	2.5V		
Operating Temperature Range	-25 ~ +70°C		
Surge Voltage	2.7V		
Capacitance Range	100~350 F		
Capacitance Tolerance (20°C)	-20~+20%/-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range from -25°C to 70°C	Capacitance range	Within 30% of the value at 20°C
		ESR	Less than 400% of the value at 20°C
High Temperature Loaded	The specifications shall be met after rated voltage applied at 70°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 400% of the initial value
High Temperature Storage	The specifications shall be met after storage at 70°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 400% of the initial 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 400% of the initial value

Dimensions

mm



Standard Ratings for SSN Series

U_R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Max. Peak Current 1 Sec. (A)	Leakage Current (72hrs) (mA)	Size $\Phi D \times L$ (mm)	P/N
		ESR_{DC} (m Ω)	ESR_{AC} (1KHz) (m Ω)				
(v)	(F)	(m Ω)	(m Ω)	(A)	(mA)	(mm)	-
2.5 (2.7) 2R5	100	30	20	31.2	0.25	22 x 45	SSN2R5107*220045
	150	25	18	39.4	0.32	25 x 50	SSN2R5157*250050
	200	20	15	50.0	0.50	30 x 50	SSN2R5207*300050
	350	15	12	70.2	0.70	35 x 60	SSN2R5357*350060