

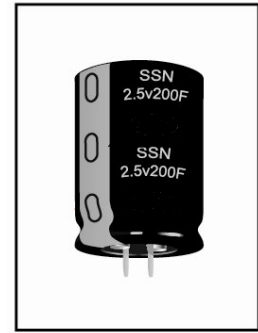
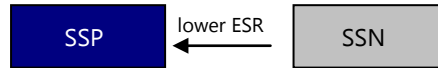
# Super/Gold Capacitor - Snap In



## SSP Series

### ■ Features

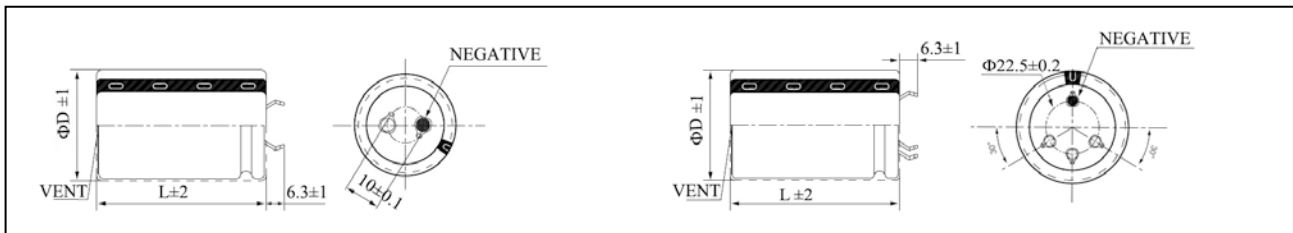
- Lower ESR
- Wider temperature range
- RoHS compliant
- Electronic tools
- Portable power tools
- UPS and back power supply



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-40 ~ +65°C		
Surge Voltage	2.85V		
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 -40°C to 65°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 65°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 SSP Series

$U_R$ (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Max. Peak Current 1 Sec. (A)	Leakage Current (72hrs) (mA)	Size Φ D x L (mm)	P/N
		$ESR_{DC}$ (mΩ)	$ESR_{AC}$ (1KHz) (mΩ)				
(v)	(F)	(mΩ)	(mΩ)	(A)	(mA)	(mm)	-
2.7 (2.85) 2R7	100	22	15	42.1	0.25	22 x 45	SSP2R7107*220045
	150	20	13	50.6	0.32	25 x 50	SSP2R7157*250050
	200	16	12	64.2	0.50	30 x 50	SSP2R7207*300050
	350	12	10	91.2	0.70	35 x 60	SSP2R7357*350060