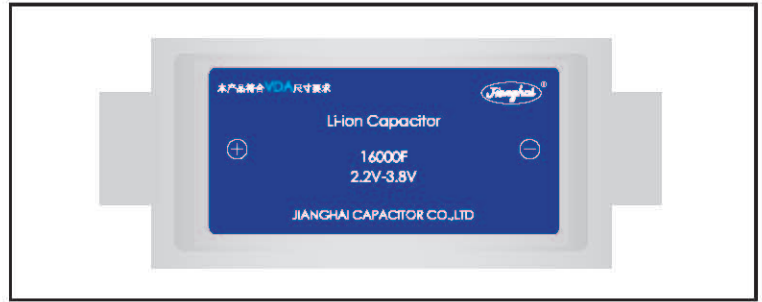


Features

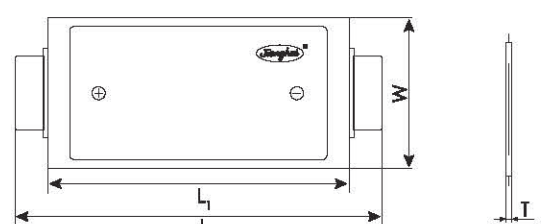
- Lower ESR
- Wider temperature range
- High energy density
- High power density
- RoHS compliant



Items	Characteristics		
Rated Voltage	3.8V~2.2V		
Operating Temperature Range	-25 ~+55°C		
Surge Voltage	4.2V		
Capacitance Range	3400~16000 F		
Capacitance Tolerance (25°C)	-20~+20%		
Temperature Characteristics	The specifications shall be met at category temperature range form -25°C to 55°C	Capacitance Change	Within 30% of the value at 20°C
		ESR	Less than 200% of the value at 20°C
High Temperature Loaded	The specifications shall be met after rated voltage applied at 55 °C for 1000 hours	Capacitance Change	Within 30% of the initial value
		ESR	Less than 200% of the initial value
High Temperature Storage	The specifications shall be met after storage at 55°C for 1000 hours	Capacitance Change	Within 30% of the initial value
		ESR	Less than 200% of the initial value
Cycle Life	The specifications shall be met after 100,000 cycles at 25°C, cycle of charge/discharge from 3.8~2.2V	Capacitance Change	Within 30% of the initial value
		ESR	Less than 200% of the initial value

Dimensions

mm



Type	L	L ₁	W	T
SCCHAA3.8V/6000	300	243	123	3.5
SCCHAA3.8V/10000	300	243	123	5.5
SCCHAA3.8V/16000	300	243	123	8.0

Standard Ratings for SCCHAA Series

U _r (Surge Voltage) Code	Rated Capacitance 25°C	Impedance		Rated Current	Self-discharge (72hrs)	Dimension (L×W×T)	P/N
		ESR _{DC}	ESR _{AC} 1KHz				
(V)	(F)	(mΩ)	(mΩ)	(A)	(V)	(mm)	-
3.8 (4.0) 3R8	3400	≤2.5	≤5	20	>3.72	212×80×5.5	SCCHAA3R8348M
	6000	≤1.8	≤3.5	30	>3.72	300×123×3.5	SCCHAA3R8608M
	10000	≤1.2	≤2.0	50	>3.72	300×123×5.5	SCCHAA3R8109M
	16000	≤1.0	≤1.6	50	>3.72	300×123×8.0	SCCHAA3R8169M