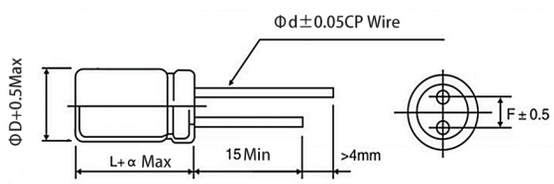
SLA

- ◆ Lithium Ion Capacitor 3.8V.DC 1000 Hours
- ◆ Better Temperature Performance: Charge At-20℃, Discharge At +85℃, Suitable For -40℃~+85℃
- ◆ Large Working Current Features: Constantly Charge 20C, Discharge 30C, Instantly Discharge 50C
- ◆ Ultra Low Self-Discharge, Capacitance Is 10 Times More Than The Same Size EDLC
- ◆ Safety: Save Material, No Explosion, No Sparking, ROHS, REACH Compliant

■ Specification

Item	Characteristics
Temperature Range	-40℃~+85℃
Rated Voltage Range	3.8V.DC～2.5V.DC，max charging voltage：4.2V.DC
Capacitance Range	-10%~+30%
Characteristics	The specifications should be met when the capacitors are restored to 20℃ after the rated voltage is applied for1000hrs at 85℃ Capacitance Change: Within ±30% of the initial capacitance value ESR: 300% or less than the initial specified value
Shelf Life	The specifications should be met when the capacitors are restored to 20℃ after storing under no load for 1000hrs at 85℃ Capacitance Change: Within ±30% of the initial capacitance value ESR: 300% or less than the initial specified value

■ Standard Size



L≤16	a=1.5
L>16	a=2.0

D	5.0	6.3	8	10	12.5	16	18
d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5

■ Product Size

Series	Voltage (VDC)	Capacitance (F)	Size ΦD×L(mm)	ESR (mΩ/20℃ 1KHz)	Capacitance (3.8-2.5V) (mAH)	Max. Discharge		Max. Charging voltage/current	Part Number
						Constantly current	Surge current		
SLA	3.8	15	6.3×13	800	5	100mA	0.5A	4.2V/200mA	SLA3R8 L1560613
	3.8	20	8×13	500	10	100mA	0.5A	4.2V/200mA	SLA3R8 L2060813
	3.8	40	8×20	200	15	200mA	1.0A	4.2V/300mA	SLA3R8 L4060820
	3.8	60	12.5×13	160	25	220mA	3.0A	4.2V/500mA	SLA3R8L6061313
	3.8	80	10×20	150	30	250mA	3.0A	4.2V/500mA	SLA3R8L8061020
	3.8	120	10×30	100	45	500mA	5.0A	4.2V/1.0A	SLA3R8L1271030
	3.8	120	12.5×20	100	45	500mA	5.0A	4.2V/1.0A	SLA3R8L1271320
	3.8	150	10×35	100	60	600mA	6.0A	4.2V/1.5A	SLA3R8L1571035
	3.8	180	10×40	100	80	700mA	8.0A	4.2V/1.5A	SLA3R8L1871040
	3.8	200	12.5×30	80	70	700mA	8.0A	4.2V/1.5A	SLA3R8L2071330
	3.8	250	12.5×35	50	80	800mA	10.0A	4.2V/2.0A	SLA3R8L2571335
	3.8	250	16×20	50	80	800mA	10.0A	4.2V/2.0A	SLA3R8L2571620
	3.8	300	12.5×40	50	100	1.0A	10.0A	4.2V/2.0A	SLA3R8L3071340
	3.8	400	16×30	50	120	1.5A	15.0A	4.2V/2.0A	SLA3R8L4071630
	3.8	450	16×35	50	150	1.5A	15.0A	4.2V/2.0A	SLA3R8L4571635
	3.8	500	16×40	40	200	2.0A	20.0A	4.2V/2.0A	SLA3R8L5071640
	3.8	750	18×40	25	300	3.0A	30.0A	4.2V/3.0A	SLA3R8L7571840
	3.8	1100	18×50	20	400	3.0A	30.0A	4.2V/3.0A	SLA3R8L1181850

■ Applications

◆ IoT ◆ETC(OBU) ◆Driving Recorder ◆AGV ◆Home Remote Control

◆ Combine With Lithium Battery Used In Smart Instrument(Water Meter, Gas Meter, Heat Meter)

◆ Power Auxiliary Back Up: Telecommunication Device Power Back Up, GPS Power Back Up