

# SLX

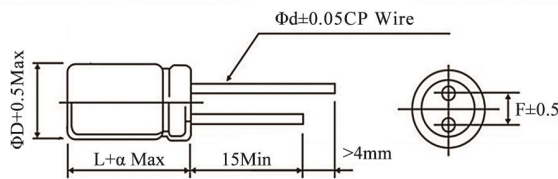
- ◆ Ultra Small Size 3.8V.DC 1000 Hours
- ◆ Ultra Low Self-Discharge
- ◆ Large Capacity 10 times More Than the Same Size EDLC
- ◆ Quick Charge and Discharge, Suitable for High Frequency Small or Micro Devices
- ◆ RoHS, REACH Compliant



## Specifications

Items	Characteristics	
Temperature Range	-25°C~+85°C	
Rated Voltage Range	3.8V.DC~2.5V.DC, max charging voltage:4.2V.DC	
Capacitance Range	-10%~+30%(20°C)	
Endurance	The specification should be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C.	
	Capacitance change	Within ±30% of the initial capacitance value
	ESR	300% or less than the initial specified value
Shelf Life	The specification should be met when the capacitors are restored to 20°C after storing under no load for 1000 hours at 85°C.	
	Capacitance change	Within ±30% of the initial capacitance value
	ESR	300% or less than the initial specified value

## Standard Size ( Size:mm )



$\alpha=1.5$

D	3.55	4	5	6.3
d	0.45	0.45	0.5	0.5
F	1.1	1.5	2	2.5

## Product Size

Series	Rated Voltage (Vdc)	Capacitance Range (F)	Size $\Phi D \times L$ (mm)	ESR (m $\Omega$ /20°C, 1KHz)	Capacitance (3.8-2.5V)(mAH)	Part Number
SLX	3.8	1.5	3.55×7	5000	0.5	SLX 3R8 L 155 0307
	3.8	3	4×9	3000	1	SLX 3R8 L 305 0409
	3.8	3	6.3×5	3000	1	SLX 3R8 L 305 0605
	3.8	4	4×12	3000	1.4	SLX 3R8 L 405 0412
	3.8	5	5×11	1500	1.8	SLX 3R8 L 505 0511
	3.8	10	6.3×11	1000	3.6	SLX 3R8 L 106 0611

## Applications

- ◆ E-BAND
- ◆ Wireless Earphone, Hearing Aids
- ◆ Bluetooth Thermometer
- ◆ Touchscreen Pen, Mobile Touchscreen Pen
- ◆ Intelligent Dimmable Sunglasses, Digital Spectaculars
- ◆ Wearable Terminal Electronics, Wireless Communication Devices, IoT Terminal Micro Devices