

# SLX

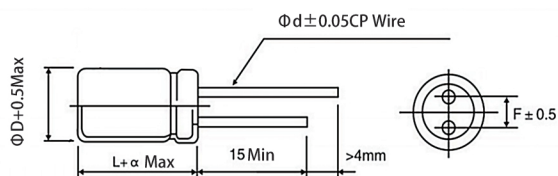
- ◆ Ultra Small Size 3.8V.Dc 1000 Hours
- ◆ Ultra Low Self-Discharge
- ◆ Large Capacity 10times More Than The Same Size EDLC
- ◆ Quick Charge And Discharge, Suitable For High Frequency Small Or Micro Devices
- ◆ ROHS, REACH Compliant



## ■ Specification

Item	Characteristics	
Temperature Range	-20°C~+85°C	
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°C after the rated voltage is applied for 1000hrs at 85°C	
	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°C after storing under no load for 1000hrs at 85°C	
	Capacitance Change	Within ±30% of the initial capacitance value
	ESR	300% or less than the initial specified value

## ■ Standard Size



$L \leq 16$	$a=1.0$
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D	3.0	4.0	5	6.3
d	0.45	0.45	0.5	0.5
F	1.1	1.5	2.0	2.5

## ■ Product Size

Series	Voltage (VDC)	Capacitance (F)	Size $\Phi D \times L$ (mm)	ESR (m $\Omega$ /20°C, 1KHz)	Capacitance Tolerance (3.8-2.5V)(mAH)	Part Number
SLX	3.8	1.5	3 × 7	5000	0.5	SLX3R8L1550307
	3.8	3.0	4 × 9	2000	1.0	SLX3R8L3050409
	3.8	3.0	6.3 × 5	2000	1.0	SLX3R8L3050605
	3.8	5.0	3 × 14	1500	1.8	SLX3R8L5050314
	3.8	5.0	5 × 11	1500	1.8	SLX3R8L5050511
	3.8	10	6.3 × 11	1000	3.6	SLX3R8L1060611

## ■ 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