



# NY series

<http://www.newyes.cn>

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## Features

- Small-sized, but large capacity
- Unlike battery, almost unlimited charge/discharge cycle

## Applications

- Ideal for solar watches, solar calculators, MP3, PMP, Memory back-up for Cellular phone, Digital camera, PDA, Digital Photo Frame, Digital Health Care Devices

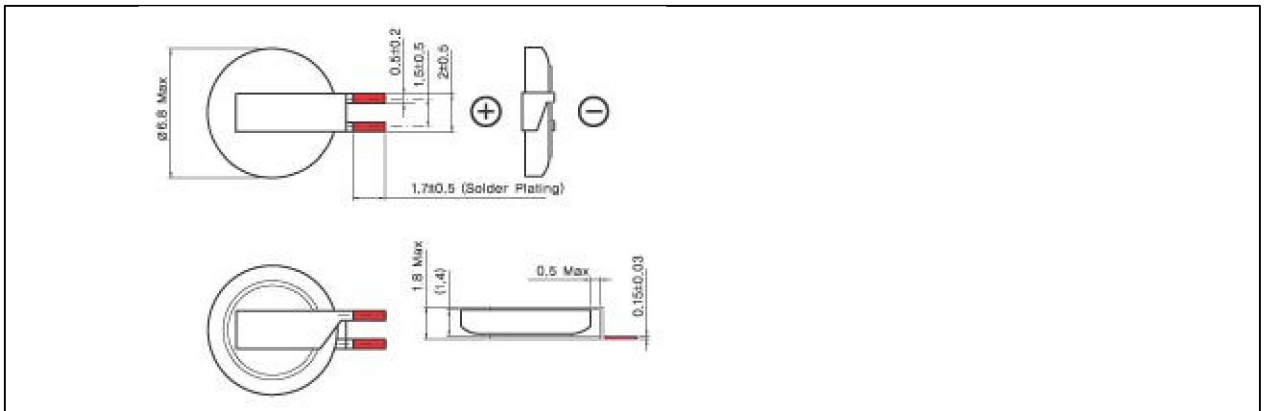


NY 614 S

## Specifications

Items	Characteristics
Rated working voltage (V)	3.3VDC
Operating temperature	-10°C to +60°C
Normal Cap. Range	0.20F~0.30F
Capacitance tolerance	-20% to +80%(at 25°C)
Endurance	After 1,000hours application of rated DC working voltage at +60°C the capacitor shall meet the following limits. <ul style="list-style-type: none"> <li>• Capacitance change : <math>\pm 30\%</math> of spec. value</li> <li>• Internal resistance : <math>\leq 400\%</math> of spec. value</li> </ul>
Shelf life	After 1,000hours storage at +60°C without load, the capacitor shall meet the specified limit for "Endurance"

## Dimensions in mm(not to scale)



## Standard products

Part number	Operating Voltage (V)	Capacitance (F)	ESR ( $\Omega$ , @1kHz)	$\Phi D \times L$ (mm)
NY 614 S 204	3.3	0.20	$\leq 200$	$\Phi 6.8 \times 1.4$
NY 614 S 224	3.3	0.22	$\leq 200$	$\Phi 6.8 \times 1.4$
NY 614 S 304	3.3	0.30	$\leq 200$	$\Phi 6.8 \times 1.4$

**Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process**