

● **Features**

- Can be used as a rechargeable battery and ideal for backing up purposes.
- **Eco-friendly**  
: It does not contain toxic materials such as nickel and cadmium
- **Pb-free reflowable**  
: The best's heat resistance (260°C peak) allows reflow soldering by Pb-free solder
- **Long Cycle Life**  
: More than 50,000 time Charge-Discharge cycle (3.3V~0V)
- **High-rated voltage**  
: Able to be used at wide range voltage from 0V to 3.3V(2.8V)
- **Small-sized and Large Capacity**  
: 0.10F(0.07F) with  $\phi 4.8 \times 1.4$ mm (414 size)



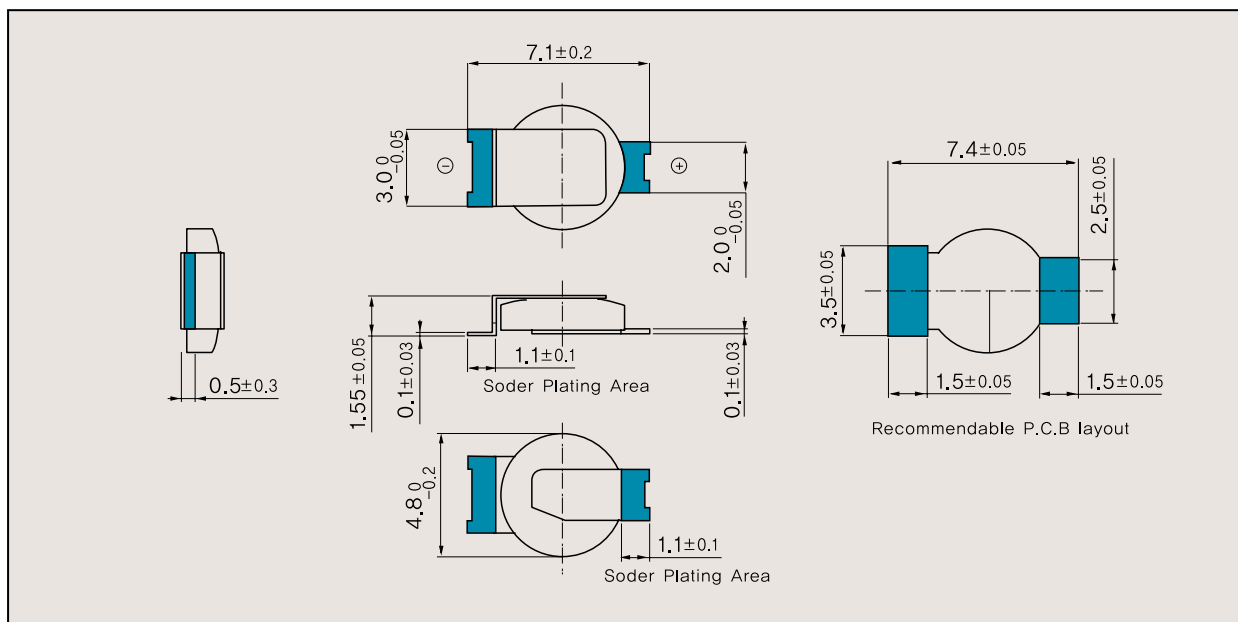
● **Applications**

- Ideal for solar watches, Solar calculators, MP3, PMP, MD Player
- Memory back-up for Cellular phone, Digital camera, PDA, Wireless phone, pagers, etc

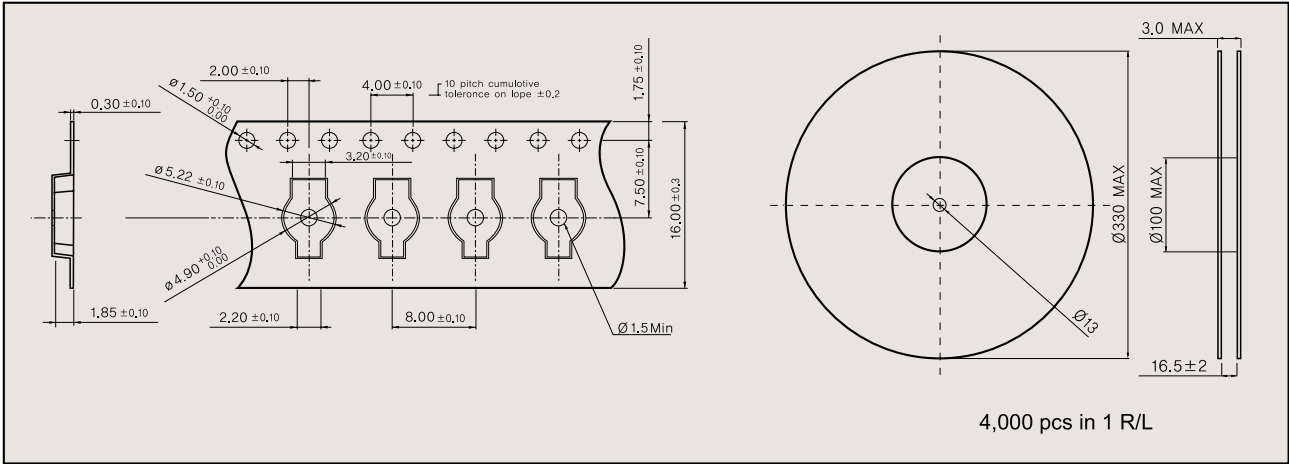
● **Specifications**

Part number	Operating Voltage (V)	Capacitance (F)	ESR ( $\Omega$ , @1kHz)	$\phi$ D x L (mm)
SC SM 2R5 104	2.5	0.10	100	$\phi 4.8 \times 1.4$
SC SM 2R8 104	2.8	0.10	100	$\phi 4.8 \times 1.4$
SC SM 3R3 703	3.3	0.07	100	$\phi 4.8 \times 1.4$

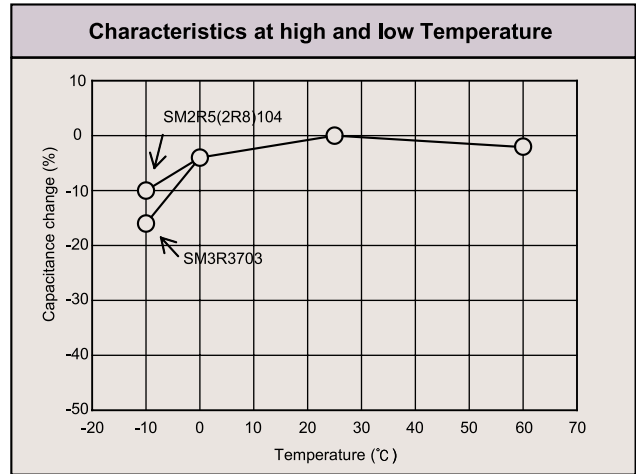
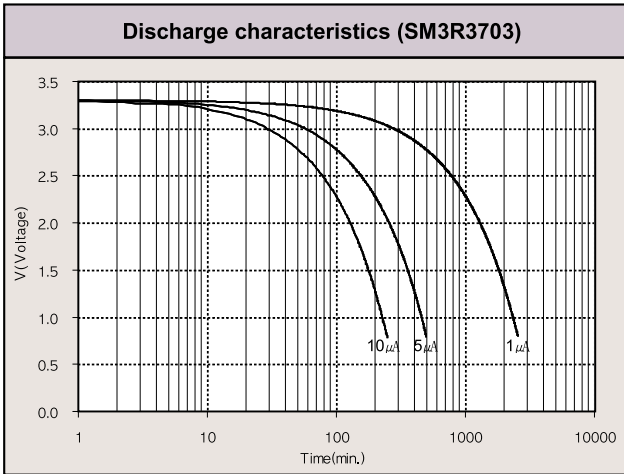
● **Dimensions in mm (not to scale)**



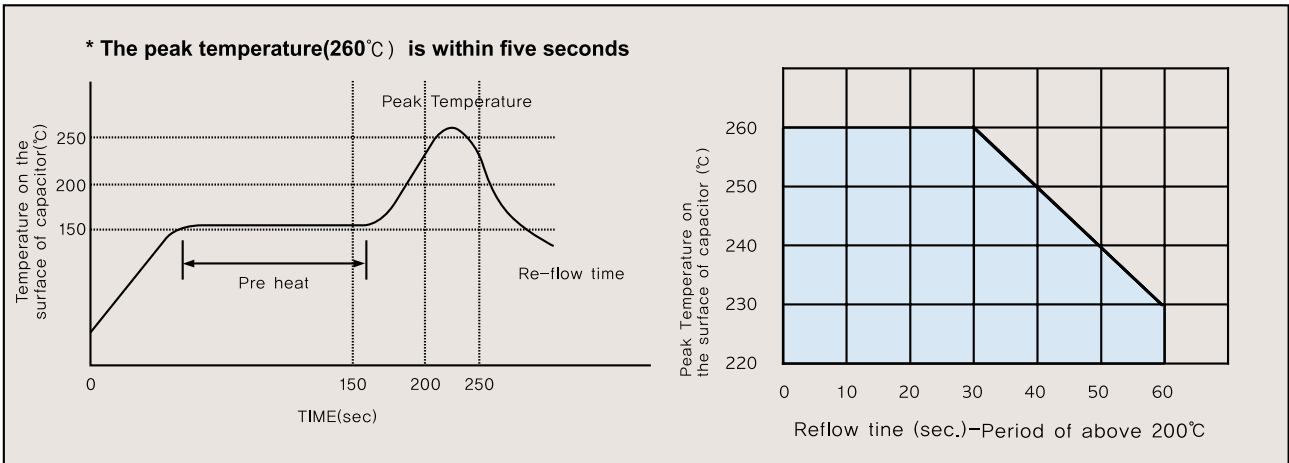
● Carrier tape dimension (unit : mm)



● Characteristics



● Reflow Soldering Condition



- \* The time of repeated reflow soldering must be two times or less.
- \* Do NOT reflow soldering, when cell voltage is above 0.3V