

## Features

- Can be used as substitution of rechargeable batteries and ideal for RTC back-up purposes.
- **Eco-friendly**  
: It is RoHS compliant
- **Pb-free Reflowable**  
: Pb-free reflow soldering is available (260°C peak)
- **High Operational Voltage**  
: Able to be used at wide range voltage from 0V to 3.3V
- **Various Terminal Types**



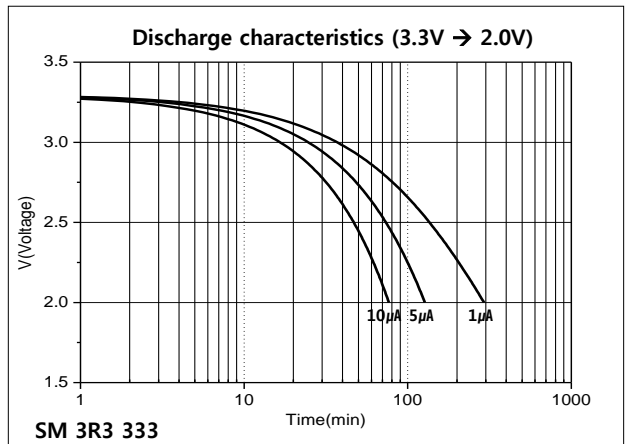
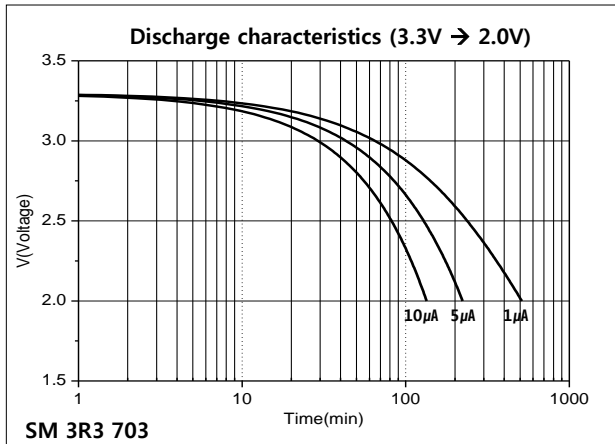
## Applications

- RTC(Real Time Clock) back-up for Mobile Phones, Digital Cameras, PMP, Pagers, etc.

## Nominal Specifications

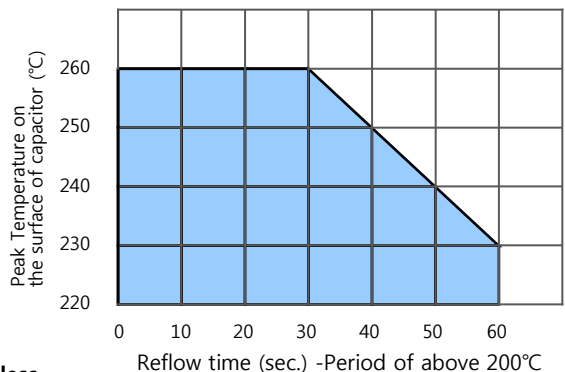
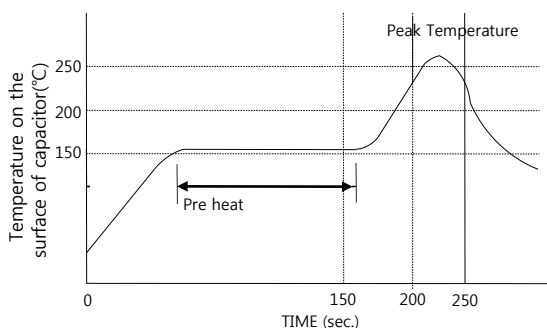
Part No.	SM 3R3 703	SM 3R3 333
Cell Size	Ø4.8 × 1.4mm	Ø3.8 × 1.1mm
Operating Temp.	-25 ~ +60 °C	
Rated Voltage	3.3Vdc	
Electrostatic Capacitance	0.07F	0.033F
Discharge Capacity	22 uAh (3.3V-2.0V)	10.3 uAh (3.3V-2.0V)
Capacitance Tolerance	-20 ~ 80 %	
ESR (at 1KHz)	LESS THAN 100Ω	LESS THAN 200Ω
Leakage Current	LESS THAN 100μA	LESS THAN 80μA

## Discharge Characteristics



## Reflow Soldering Condition

\* The peak temperature(260°C) is within five seconds



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