

# NTC203 Series

■ Features

■ Waterproof

■ Lead Free

■ HF

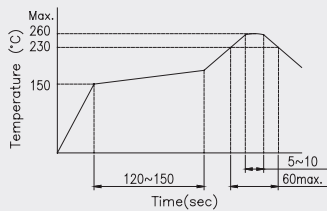
■ RoHS

- Waterproof type.
- Grade:IP67.



|                       |                    |
|-----------------------|--------------------|
| Rating (max)          | DC12V 50mA         |
| Contact Resistance    | 100mΩ max.         |
| Insulation Resistance | DC500V -100MΩ min. |
| Withstand Voltage     | AC250V - 1 minute  |
| Stroke                | 0.15±0.1 mm        |

Recommended Reflow Soldering Profile



Number of Reflow Pass : 2 cycles

Recommended Manual Soldering Profile

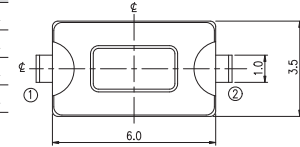
|                              | Temperature   | Time         |
|------------------------------|---------------|--------------|
| Manual Soldering Temperature | 350 °C (max.) | 3 Sec.(max.) |

The solder iron and solder shall be applied at a distance of 1.91 mm to 2.54 mm from the plastic housing.

■ SMT-J Type Vertical 6.0L x 3.5W x \_\_\_ H

■ Outline Drawing

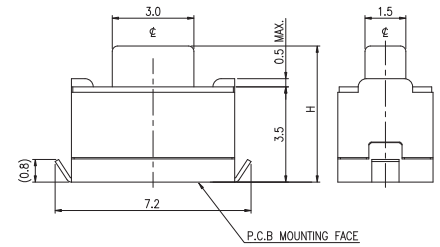
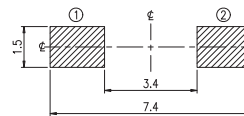
| Product No.       | H   | Force    | Durability    | Package        |
|-------------------|-----|----------|---------------|----------------|
| NTC203-AT1J-A160T | 4.3 | 160±50gf | 50,000 cycles | 1,800 Pcs/Reel |
| NTC203-AT1J-B160T | 5.0 |          |               | 1,500 Pcs/Reel |
| NTC203-AT1J-A260T | 4.3 | 260±70gf | 30,000 cycles | 1,800 Pcs/Reel |
| NTC203-AT1J-B260T | 5.0 |          |               | 1,500 Pcs/Reel |



Schematic



P.C.B Layout



General Tolerance : ±0.2mm.