

# NTC501 Series

■ Features

■ Waterproof ■ Lead Free ■ HF ■ RoHS

- Waterproof type.
- Grade:IP67.

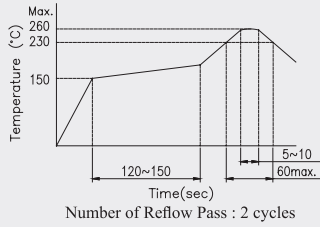
■ SMT- G Type Horizontal 4.65L x 3.5W x 1.7H ■ Outline Drawing

Product No.	Package
NTC501-BG1G-B160T	2,500 Pcs/Reel



Waterproof Grade	IP 67
Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC250V - 1 minute
Stroke	0.2 ± 0.1 mm
Operating Force	160 ± 50gf

Recommended Reflow Soldering Profile



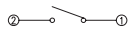
Recommended Manual Soldering Profile

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

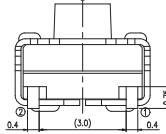
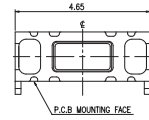
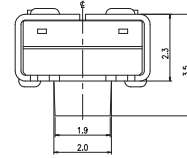
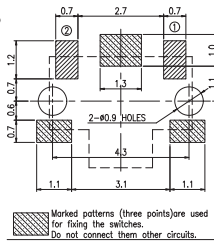
The solder iron and solder shall be applied at a distance of 1.91 mm to 2.54 mm from the plastic housing.

Durability 100,000 cycles

Schematic



P.C.B Layout



General Tolerance : ±0.2mm.