

NTC310 Series

Features

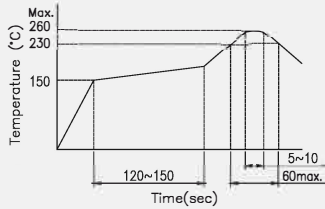
Lead Free HF RoHS

- Compact size 3.5x3.5mm.
- Horizontal direction.



Rating (max)	DC12V 50mA
Contact Resistance	500mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC250V - 1 minute
Stroke	0.2 ± 0.2 / 0.1 mm

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.

Operating Force & Durability

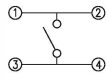
160 +70 / -40 gf	100,000 cycles
220 +80 / -70 gf	100,000 cycles

SMT-G Type Horizontal 3.5L x 3.5W x 1.2H

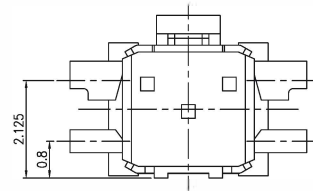
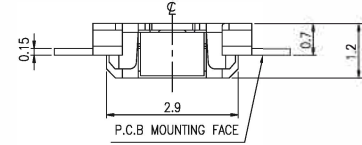
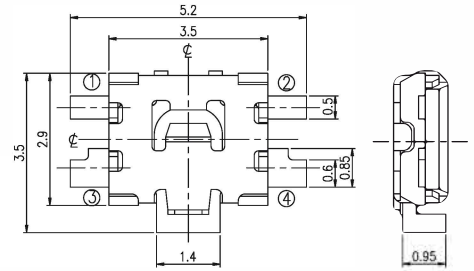
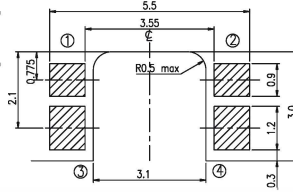
Outline Drawing

Product No.	Boss	Package
NTC310-AP1G-A__T	Without	3,000 Pcs/Reel

Schematic



P.C.B Layout



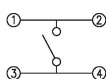
General Tolerance : ±0.2mm.

SMT-T Type Horizontal 3.5L x 3.5W x 1.2H

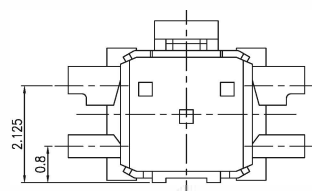
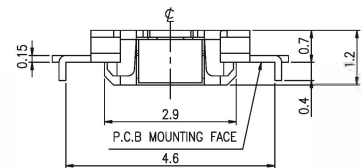
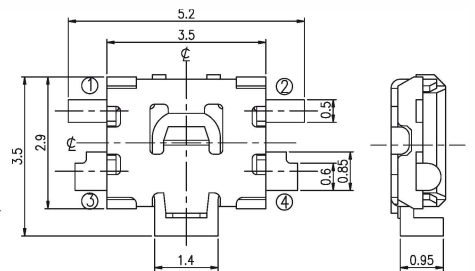
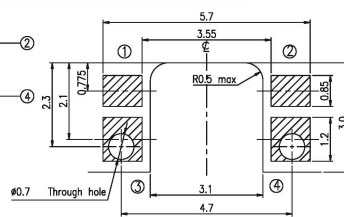
Outline Drawing

Product No.	Boss	Package
NTC310-AP1T-A__T	With	3,000 Pcs/Reel

Schematic



P.C.B Layout



General Tolerance : ±0.2mm.