

NTC311 Series

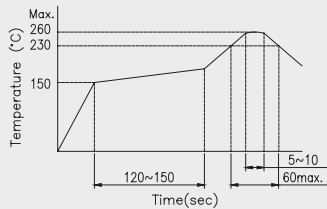
Features

- Compact size 3.5x3.55mm.
- Horizontal direction.



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

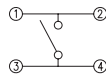
Operating Force & Durability

160 \pm 70 gf	100,000 cycles
220 \pm 80 gf	100,000 cycles

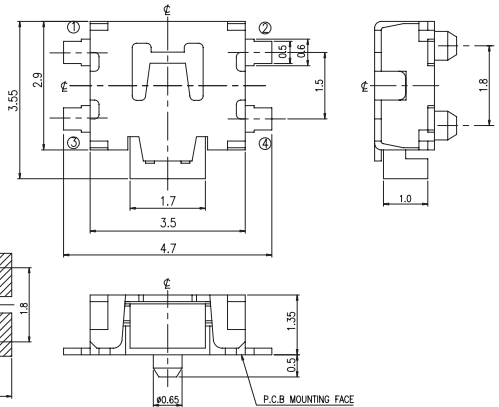
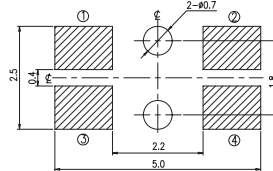
SMT- G Type Horizontal 3.5L x 3.55W x 1.35H [Without Ground Terminal]

Product No.	Boss	Package
NTC311-EC1G-A__T	Without	3,500 Pcs/Reel
NTC311-ED1G-A__T	With	

Schematic



P.C.B Layout

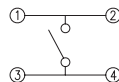


General Tolerance : \pm 0.2mm.

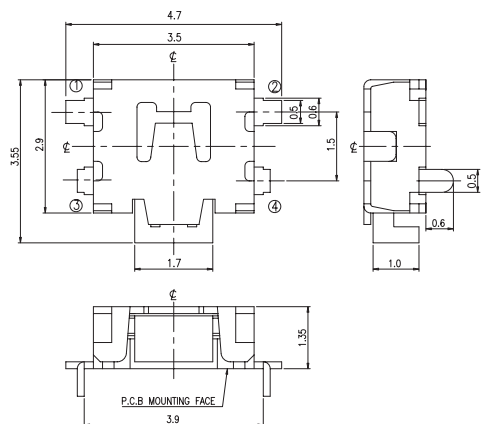
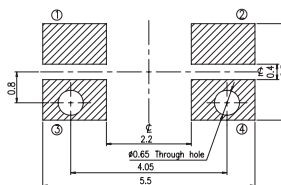
SMT - T Type Horizontal 3.5L x 3.55W x 1.35H [Without Ground Terminal]

Product No.	Boss	Package
NTC311-EC1T-A__T	With	3,500 Pcs/Reel

Schematic



P.C.B Layout

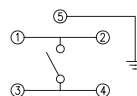


General Tolerance : \pm 0.2mm.

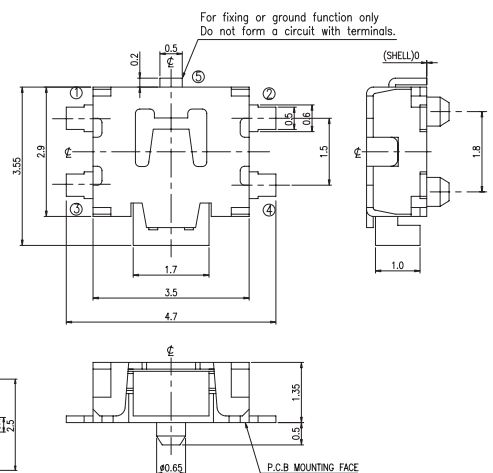
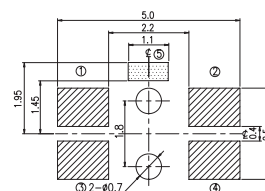
SMT- G Type Horizontal 3.5L x 3.55W x 1.35H [With Ground Terminal]

Product No.	Boss	Package
NTC311-FC1G-A__T	Without	3,500 Pcs/Reel
NTC311-FD1G-A__T	With	

Schematic



P.C.B Layout



General Tolerance : \pm 0.2mm.

[With Ground Terminal]

■ Outline Drawing

Product No.	Boss	Package
NTC311-FC1T-A__T	With	3,500 Pcs/Reel

