

# NTC045 Series

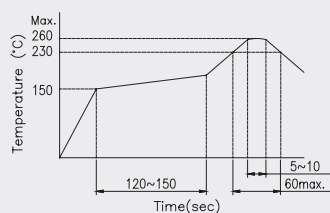
## Features

- Tall height.



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V -100MΩ min.
Withstand Voltage	AC250V - 1 minute
Stroke	0.3 ± 0.1 mm

Recommended Reflow Soldering Profile



Recommended Wave Soldering Profile

Parameters	Lead-Free Specification
Preheating Time	60 sec max.
Preheating Temperature	100°C max.
Continuous Dipping Time	3~5 sec max.
Soldering Temperature	260°C max.

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

120 ± 50gf	1,000,000 cycles
160 ± 50gf	500,000 cycles
260 ± 70gf	300,000 cycles

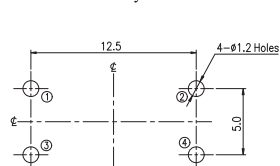
## DIP- D Type Vertical 12.0L x 12.0W x 7.3H

Product No.	Package
NTC045-AB1D-A__B	Bulk

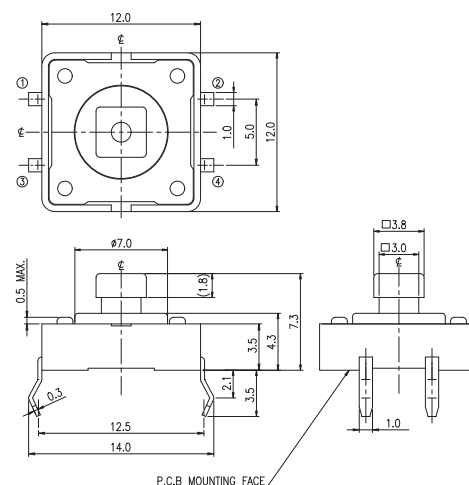
Schematic



P.C.B Layout



## Outline Drawing



General Tolerance : ±0.2mm.

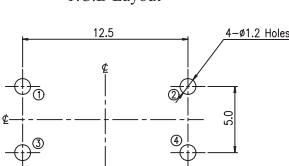
## DIP- D Type Vertical 12.0L x 12.0W x \_\_H

Product No.	H	Package
NTC045-AB1D-B__B	4.3	Bulk
NTC045-AB1D-C__B	8.5	

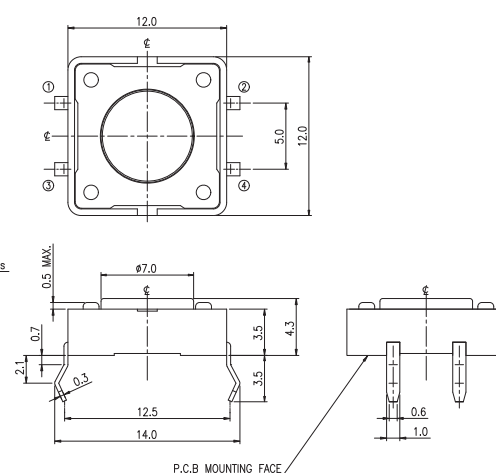
Schematic



P.C.B Layout



## Outline Drawing

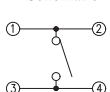


General Tolerance : ±0.2mm.

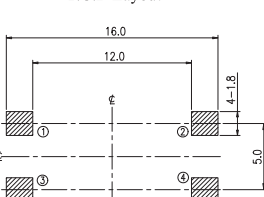
## SMT-G Type Vertical 12.0L x 12.0W x 7.3H

Product No.	Package
NTC045-AB1G-A__T	250 Pcs/Reel

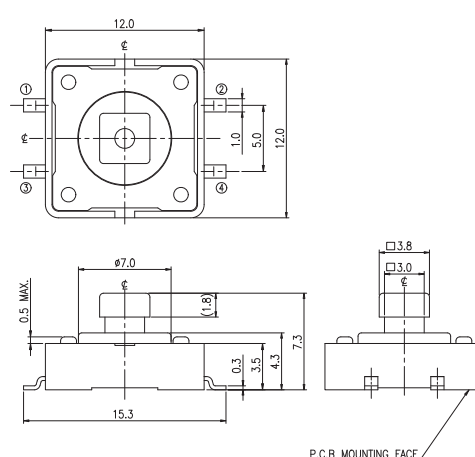
Schematic



P.C.B Layout



## Outline Drawing



General Tolerance : ±0.2mm.

■ SMT-G Type Vertical 12.0L x 12.0W x \_\_H

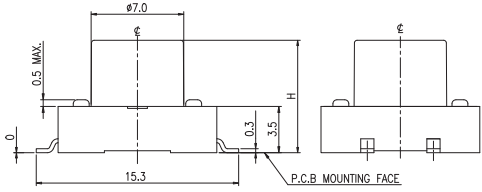
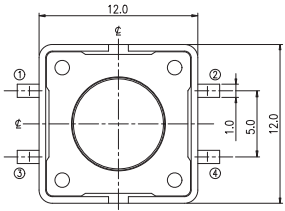
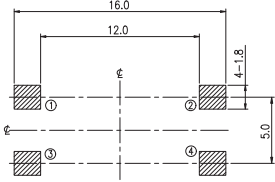
■ Outline Drawing

Product No.	H	Package
NTC045-AB1G-B__T	4.3	400 Pcs/Reel
NTC045-AB1G-C__T	8.5	250 Pcs/Reel

Schematic



P.C.B Layout



General Tolerance :  $\pm 0.2\text{mm}$ .