

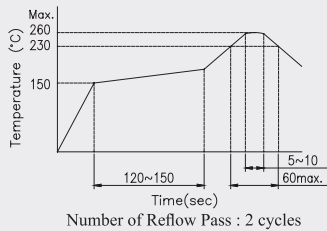
NTC303 Series

■ Features

- Horizontal direction.



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

■ SMT- T Type Horizontal LMP 7.3L x __W x 3.5H [Without Ground Terminal]

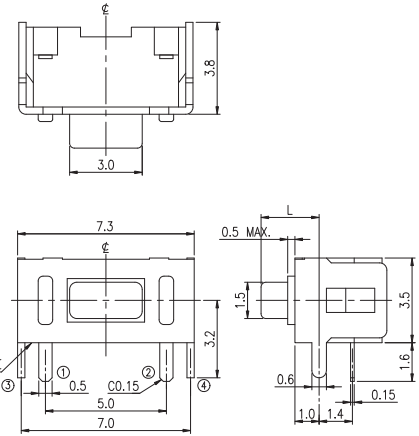
Stroke 0.15 ± 0.1mm

Product No.	L	Force	Durability	Package
NTC303-BD1T-L180T	1.7	180 ± 50gf	100,000 cycles	850 Pcs/Reel
NTC303-BD1T-M180T	2.4			
NTC303-BD1T-P180T	4.0			
NTC303-BD1T-L250T	1.7	250 ± 50gf	50,000 cycles	850 Pcs/Reel
NTC303-BD1T-M250T	2.4			

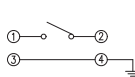
Stroke 0.25 ± 0.1mm

Product No.	L	Force	Durability	Package
NTC303-BZ1T-L180T	1.7	180 ± 50gf	50,000 cycles	850 Pcs/Reel
NTC303-BZ1T-M180T	2.4			
NTC303-BZ1T-P180T	4.0			
NTC303-BZ1T-L250T	1.7	250 ± 50gf	50,000 cycles	850 Pcs/Reel
NTC303-BZ1T-M250T	2.4			

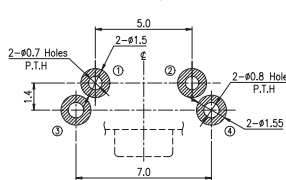
■ Outline Drawing



Schematic



P.C.B Layout



HATCHED AREA SHOWS SOLDERING LAND

General Tolerance : ±0.2mm.

■ SMT- J Type Horizontal 7.3L x __W x 3.95H [With Ground Terminal]

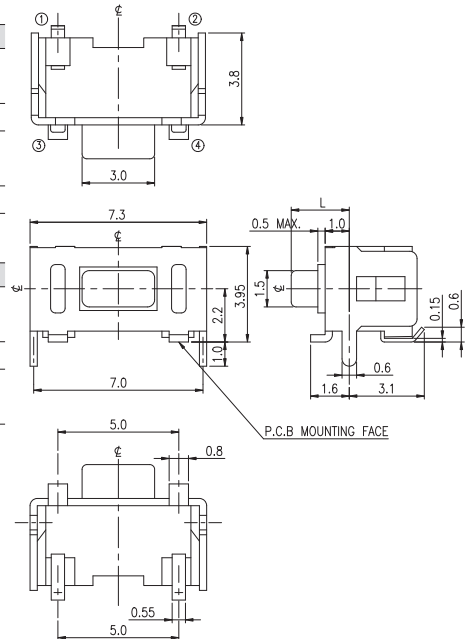
Stroke 0.15 ± 0.1mm

Product No.	L	Force	Durability	Package
NTC303-CB1J-L180T	1.7	180 ± 50gf	100,000 cycles	1,000 Pcs/Reel
NTC303-CB1J-M180T	2.4			750 Pcs/Reel
NTC303-CB1J-P180T	4.0			1,000 Pcs/Reel
NTC303-CB1J-L250T	1.7	250 ± 50gf	50,000 cycles	1,000 Pcs/Reel
NTC303-CB1J-M250T	2.4			750 Pcs/Reel
NTC303-CB1J-P250T	4.0			750 Pcs/Reel

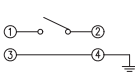
Stroke 0.25 ± 0.1mm

Product No.	L	Force	Durability	Package
NTC303-CY1J-L180T	1.7	180 ± 50gf	50,000 cycles	1,000 Pcs/Reel
NTC303-CY1J-M180T	2.4			750 Pcs/Reel
NTC303-CY1J-P180T	4.0			1,000 Pcs/Reel
NTC303-CY1J-L250T	1.7	250 ± 50gf	50,000 cycles	1,000 Pcs/Reel
NTC303-CY1J-M250T	2.4			1,000 Pcs/Reel

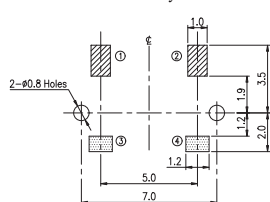
■ Outline Drawing



Schematic



P.C.B Layout



GROUND TERMINAL CAN BE EFFECTIVE EVEN IF NOT SOLDERED

General Tolerance : ±0.2mm.

SMT- J Type Horizontal

7.3L x __W x 4.25H
[With Ground Terminal]

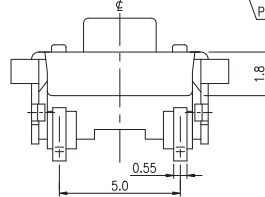
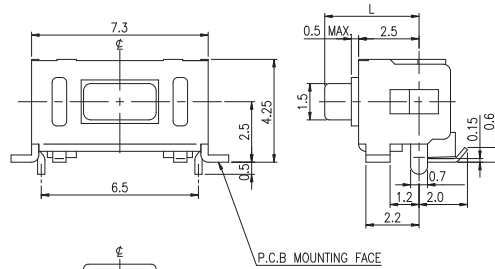
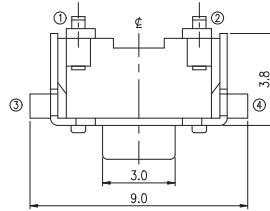
Outline Drawing

Stroke 0.15 ± 0.1mm

Product No.	L	Force	Durability	Package
NTC303-DA1J-L180T	3.2	180 ± 50gf	100,000 cycles	1,000 Pcs/Reel
NTC303-DA1J-M180T	3.9			
NTC303-DA1J-N180T	4.25			

Stroke 0.25 ± 0.1mm

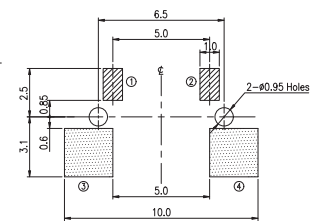
Product No.	L	Force	Durability	Package
NTC303-DX1J-L180T	3.2	180 ± 50gf	50,000 cycles	1,000 Pcs/Reel
NTC303-DX1J-M180T	3.9			
NTC303-DX1J-N180T	4.25			



Schematic



P.C.B Layout



GROUND TERMINAL CAN BE EFFECTIVE EVEN IF NOT SOLDERED.

General Tolerance : ±0.2mm.