

NTC302 Series

■ Features

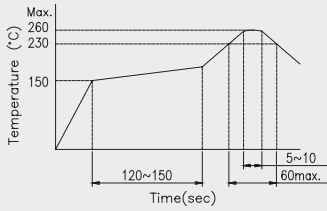
■ Lead Free ■ HF ■ RoHS

- Horizontal direction.



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC250V - 1 minute
Stroke	0.15 ± 0.1 mm

Recommended Reflow Soldering Profile



Recommended Manual Soldering Profile

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

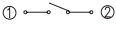
The solder iron and solder shall be applied at a distance of 1.91 mm to 2.54 mm from the plastic housing.

■ SMT-G Type Horizontal 6.2L x 3.0W x 3.5 H

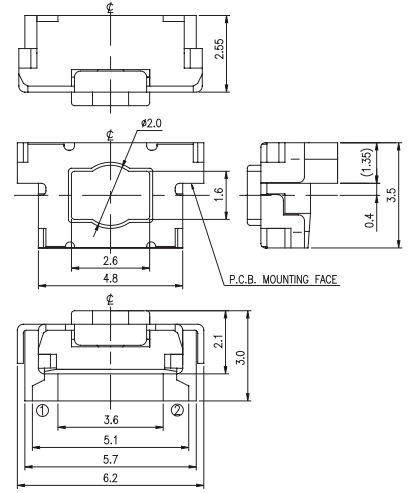
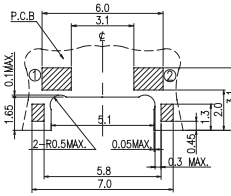
■ Outline Drawing

Product No.	Force	Durability	Package
NTC302-AA1G-A120T	120 ± 50gf	1,000,000 cycles	2,000 Pcs/Reel
NTC302-AA1G-A160T	160 ± 50gf		

Schematic



P.C.B Layout



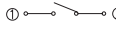
General Tolerance : ±0.2mm.

■ SMT-G Type Horizontal 6.2L x 3.0W x 3.5 H

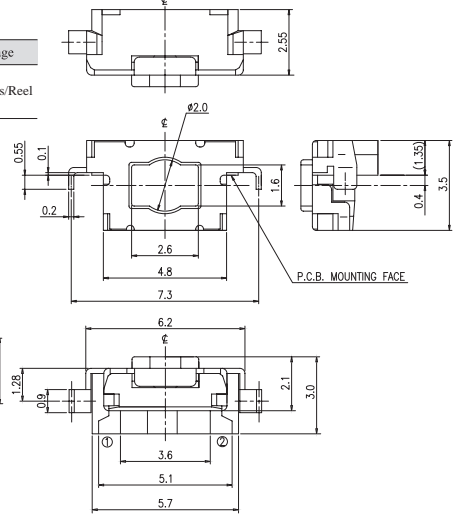
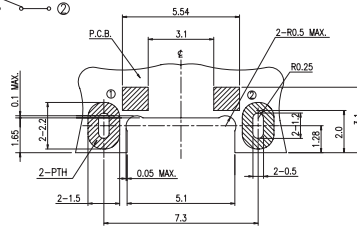
■ Outline Drawing

Product No.	Force	Durability	Package
NTC302-BA1G-A120T	120 ± 50gf	1,000,000 cycles	1,200 Pcs/Reel
NTC302-BA1G-A160T	160 ± 50gf	200,000 cycles	

Schematic



P.C.B Layout



General Tolerance : ±0.2mm.