

# NTC319 Series

■ Features

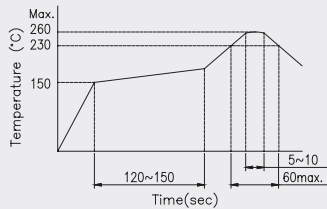
■ Lead Free ■ HF ■ RoHS

- Horizontal direction.



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC100V-50MΩ min.
Withstand Voltage	AC250V - 1 minute.
Stroke	0.25 ± 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 7.8L x 3.5W x 3.55H

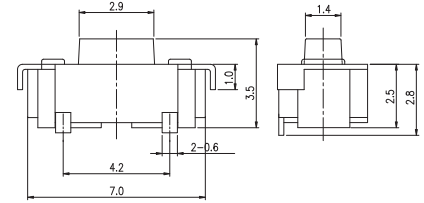
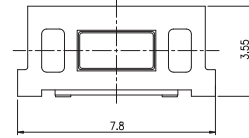
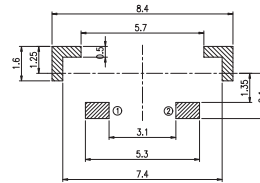
■ Outline Drawing

Product No.	Force	Durability	Package
NTC319-A11G-A130T	130 ± 50 gf	50,000 cycles	1,500 Pcs/Reel
NTC319-A11G-A180T	180 ± 50 gf	50,000 cycles	
NTC319-A11G-A260T	260 ± 70 gf	30,000 cycles	

Schematic



P.C.B Layout



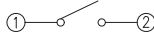
General Tolerance : ±0.2mm.

■ SMT- G Type Horizontal 7.8L x 3.5W x 3.55H

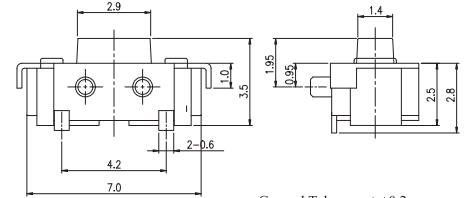
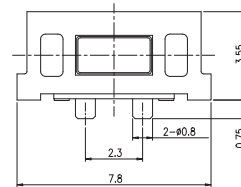
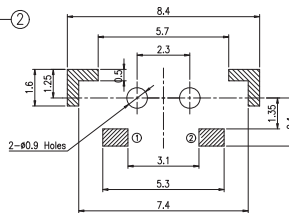
■ Outline Drawing

Product No.	Force	Boss	Durability	Package
NTC319-AK1G-A130T	130 ± 50 gf	With (L:0.75)	50,000 cycles	1,500 Pcs/Reel
NTC319-AK1G-A180T	180 ± 50 gf	With (L:0.75)	50,000 cycles	
NTC319-AK1G-A260T	260 ± 70 gf	With (L:0.75)	30,000 cycles	

Schematic



P.C.B Layout



General Tolerance : ±0.2mm.