

NTC033 Series

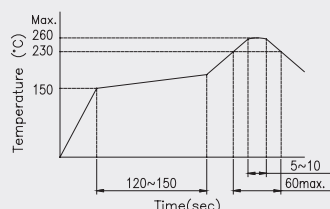
Features

- Low profile .



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC250V - 1 minute
Stroke	0.2 ^{+0.15} _{-0.1} mm

Recommended Reflow Soldering Profile



Recommended Manual Soldering Profile

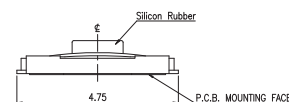
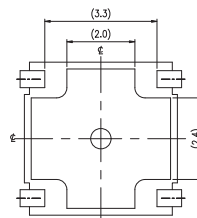
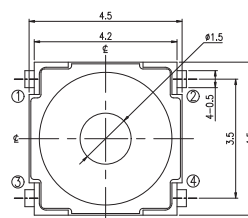
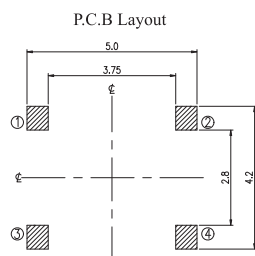
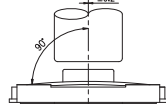
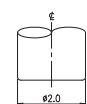
	Temperature	Time
Manual Soldering Temperature	350 °C (max.)	3 Sec.(max.)

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 Vertical 4.5L x 4.5W x 1.0H Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-C100T	100±50gf	500,000 cycles	5,500 Pcs/Reel

Shape of Keying Tip Restriction in Operation

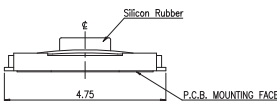
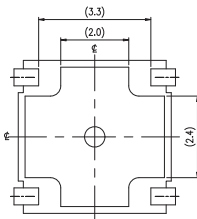
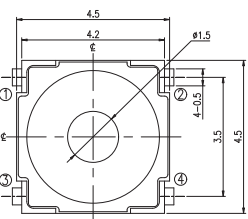
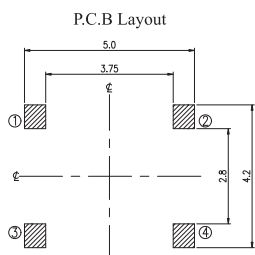
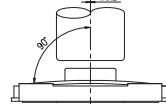
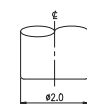


General Tolerance : ±0.2mm.

SMT-G Type Vertical 4.5L x 4.5W x 1.0H Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-C160T	160±70gf	500,000 cycles	5,500 Pcs/Reel

Shape of Keying Tip Restriction in Operation

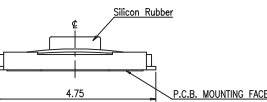
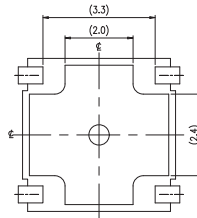
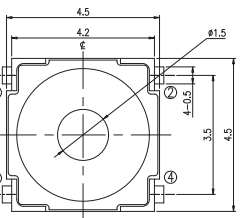
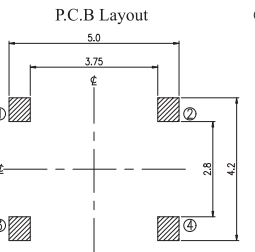
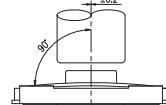
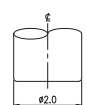


General Tolerance : ±0.2mm.

SMT-G Type Vertical 4.5L x 4.5W x 1.0H Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-C260T	260±80gf	200,000 cycles	5,500 Pcs/Reel

Shape of Keying Tip Restriction in Operation

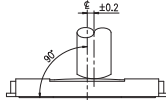
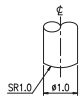


General Tolerance : ±0.2mm.

■ SMT-G Type Vertical 4.5L x 4.5W x 0.55H ■ Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-X100T	100±30gf	1,000,000 cycles	7,000 Pcs/Reel

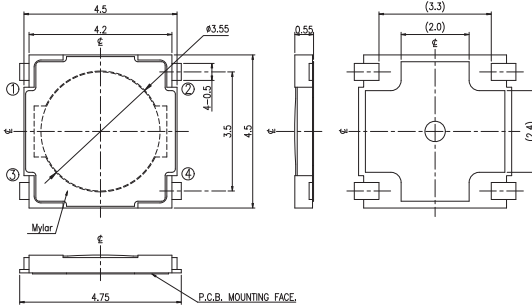
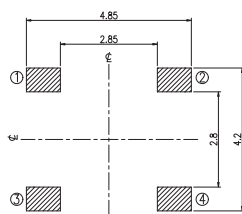
Shape of Keying Tip Restriction in Operation



Schematic



P.C.B Layout

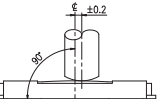


General Tolerance : ±0.2mm.

■ SMT-G Type Vertical 4.5L x 4.5W x 0.55H ■ Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-X160T	160±30gf	1,000,000 cycles	7,000 Pcs/Reel

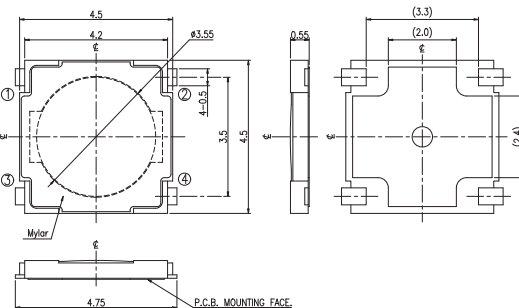
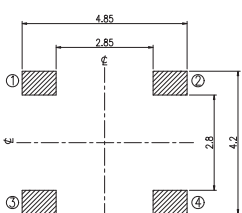
Shape of Keying Tip Restriction in Operation



Schematic



P.C.B Layout

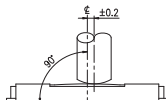
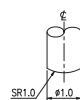


General Tolerance : ±0.2mm.

■ SMT-G Type Vertical 4.5L x 4.5W x 0.55H ■ Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-X200T	200±30gf	200,000 cycles	7,000 Pcs/Reel

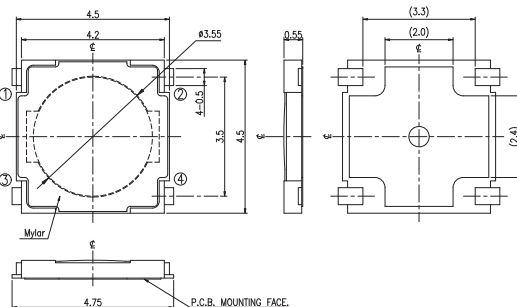
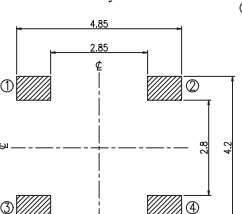
Shape of Keying Tip Restriction in Operation



Schematic



P.C.B Layout



General Tolerance : ±0.2mm.

NTC033 Series

■ **Lead Free**

■ HF

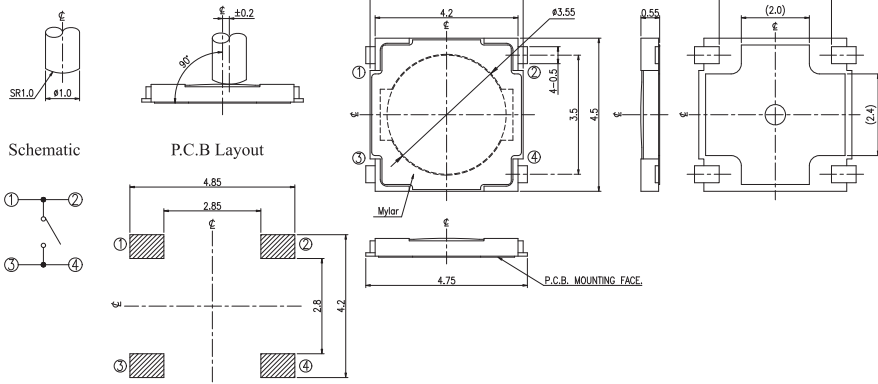
■ **RoHS**

■ SMT-G Type Vertical 4.5L x 4.5W x 0.55H

■ Outline Drawing

Product No.	Force	Durability	Package
NTC033-XK1G-X260T	260±50gf	200,000 cycles	7,000 Pcs/Reel

Shape of Keying Tip	Restriction in Operation
	None
	None
	None
	None
	None
	None
	None
	None
	None



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