

NTC018 Series

■ Features

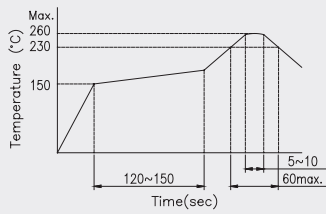
■ Lead Free ■ HF ■ RoHS

- Compact size 3.9x2.9mm.



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC100V - 1 minute
Stroke	0.2±0.1 mm

Recommended Reflow Soldering Profile



Number of Reflow Pass : 2 cycles

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.

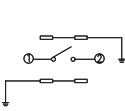
Operating Force & Durability

160±50gf	200,000 cycles
250±50gf	100,000 cycles

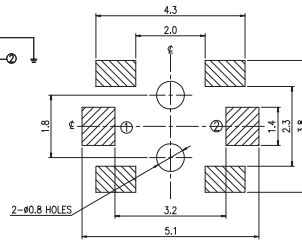
■ SMT - J Type Vertical 3.9L x 2.9W x __H

Product No.	H	Boss	Package
NTC018-BA1J-A__T	2.0	Without	2,500 Pcs/Reel
NTC018-BA1J-B__T	2.5	Without	2,300 Pcs/Reel
NTC018-BB1J-A__T	2.0	With	2,500 Pcs/Reel
NTC018-BB1J-B__T	2.5	With	2,300 Pcs/Reel

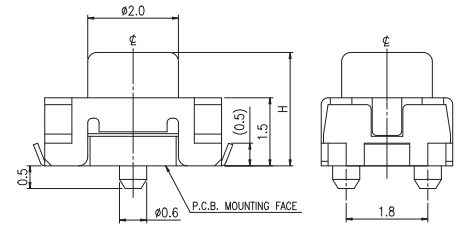
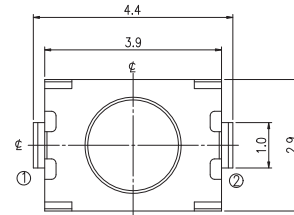
Schematic



P.C.B Layout



■ Outline Drawing

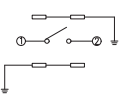


General Tolerance : ±0.2mm.

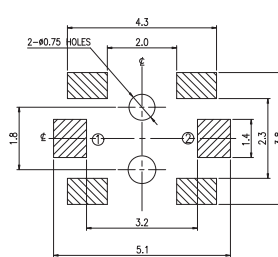
■ SMT - J Type Vertical 3.9L x 2.9W x 1.5H

Product No.	Boss	Package
NTC018-BA1J-C__T	Without	2,500 Pcs/Reel
NTC018-BB1J-C__T	With	

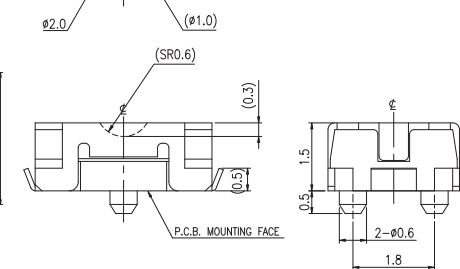
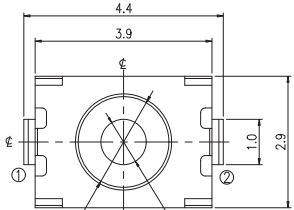
Schematic



P.C.B Layout



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