Features
- Thin 5 mm square SMD
- Three different operating forces
- 0.8 mm height without knob (1.5 mm with knob)
- Compatible with surface mount reflow soldering processes
- RoHS compliant*

STJN-5 SMD Thin Tact Switch

Electrical Characteristics
Max. Power Rating
Contact Resistance
Insulation Resistance
Dielectric Strength
AC 250 V for 1 minute
Bounce
On: 3 ms max.
Off: 10 ms max.
Circuit: N.O. SPST

Mechanical Characteristics
Mechanical Life
100 gf + 160 gf 50,000 cycles min.
260 gf 200,000 cycles min.
Actuation Force
100 gf ±50 gf (1.0 N ±0.5 N)
160 gf ±50 gf (1.6 N ±0.6 N)
260 gf ±60 gf (2.6 N ± 0.6 N)
Stroke: 0.25 mm ±0.15/0.20

General Characteristics
Switch Type: N.O. SPST
Operating Temperature Range
-20 °C to +70 °C
Storage Temperature Range
-40 °C to +85 °C

Recommended PCB Layout

How to Order
STJ N - 5 08 - N TR

Model
Thin SMD Tact Switch
Product Code
N = Non-washable
Size
5 = 5 mm
Height
08 = 0.8 mm (without knob)
15 = 1.5 mm (with knob)
Actuating Force
K = 100 gf (1.0 N)
N = 160 gf (1.6 N)
R = 260 gf (2.6 N)
Packaging
TR = Embossed Tape
5,000 pcs/reel

TOLERANCES: ± .06 EXCEPT WHERE NOTED.
DIMENSIONS: MM (IN)

REV. 02/06

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.