



Features

- Super-thin 4.5 mm square SMD
- Two different operating forces
- 0.55 mm height without knob
- Compatible with surface mount reflow soldering processes
- RoHS compliant*



Model STJN-4 is currently available, although not recommended for new designs.

STJN-4 SMD Super-Thin Tact Switch

Electrical Characteristics

Max. Power Rating 12 VDC max., 20 mA
Contact Resistance100 milliohms max.
Insulation Resistance50 megohms min., 100 VDC
Dielectric StrengthAC 100 V for 1 minute
Bounce
On3 ms max.
Off10 ms max.
CircuitN.O. SPST

Mechanical Characteristics

Mechanical Life50,000 cycles min.
Actuation Force
.....160 gf $\pm$ 50 gf (1.6 N $\pm$ 0.5 N)
.....240 gf $\pm$ 60 gf (2.4 N $\pm$ 0.6 N)
Stroke0.2 mm $\pm$ 0.1 mm

General Characteristics

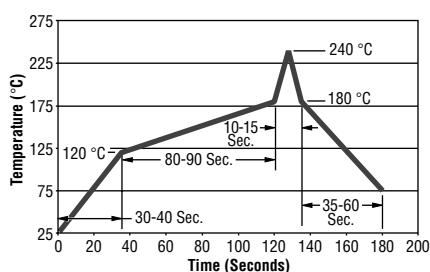
Switch Type(N.O.) SPST
Operating Temperature Range-20 °C to +70 °C
Storage Temperature Range-40 °C to +85 °C

How to Order

STJ N - 4 05 - N TR

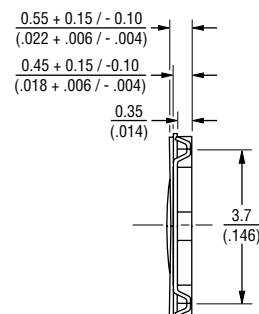
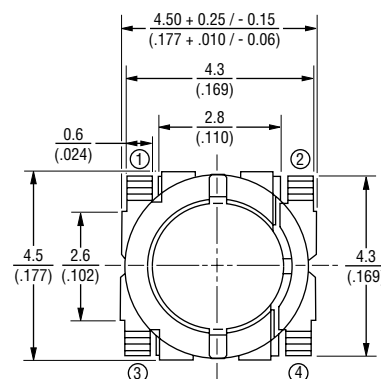
Model _____
Thin SMD Tact Switch
Product Code _____
N = Non-washable
Size _____
4 = 4.5 mm
Height _____
05 = 0.55 mm (without knob)
Actuating Force _____
N = 160 gf (1.6 N)
P = 240 gf (2.4 N)
Packaging _____
TR = Embossed Tape
10,000 pcs./reel

Reflow Soldering Profile

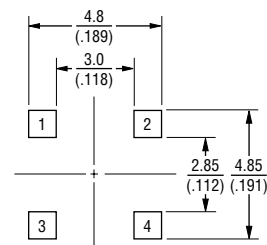


DIMENSIONS: $\frac{\text{MM}}{(\text{IN})}$

Product Dimensions



Recommended PCB Layout



Circuit Diagram

