

FEATURES:

- Sharp click feel with a positive tactile feedback.
- Ultraminiature and light weight structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

MATERIAL:

- Cover: Nickel Silver
- Base: UL94V-0 Nylon High - Temp. Thermoplastic.
Color: Black
- Stem: UL94V-0 Nylon High - Temp. Thermoplastic.
Color: Brown(160gf), Blue (180gf or 250gf),
Red(250gf or 260gf)
- Contact Disc: Stainless with silver cladding.
- Terminal: Brass with silver plated.
- Tape: Teflon.

SPECIFICATION

MECHANICAL

- Operation Force:
 - 160 ± 50gf Brown (N)
 - 180 ± 50gf Blue (B)
 - 250 ± 50gf Red (D)
 - 250 ± 50gf Blue (U)
 - 260 ± 50gf Red (R)
- Stroke: 0.25 +0.2mm / -0.1mm
- Operation Temperature Range: -25°C to +70°C
- Storage Temperature Range: -30°C to +80°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
Frequency: 10-55-10Hz/1 minute
Directions: X,Y,Z, three mutually perpendicular directions.
Time: 2 hours each direction.
High reliability.
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
Gravity: 50G (peak value), 11 msec
Direction and times: 6 sides and 3 times in each direction.
High reliability.

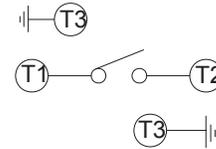
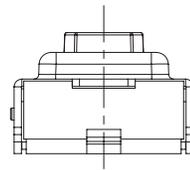
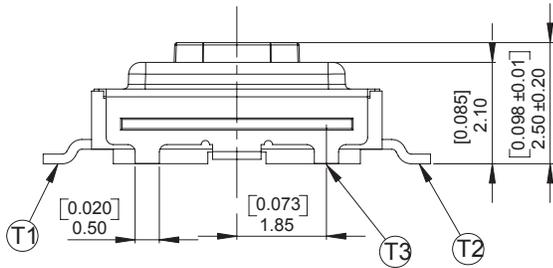
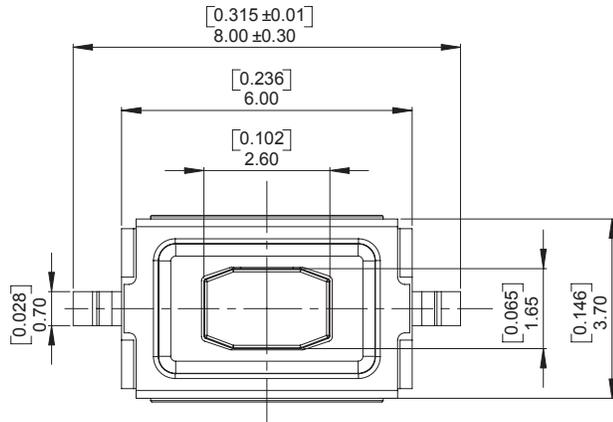
ELECTRICAL

- Electrical Life: 50 000 cycles
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100MΩmin. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

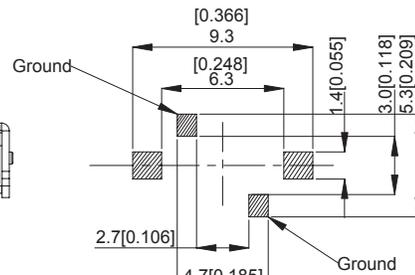
Packaging:

Part Number	Number Per Reel
STT3760MG-□25	3000
STT3760JG-□25	3000
STT3760M-□25	3000
STT3760J-□25	3000

STT3760MG-□25

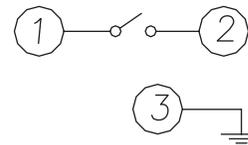
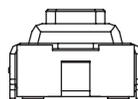
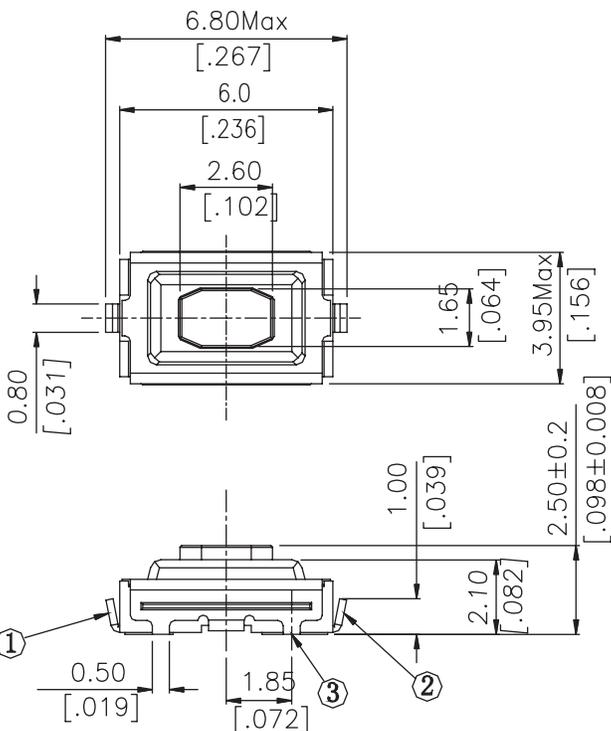


CIRCUIT DIAGRAM

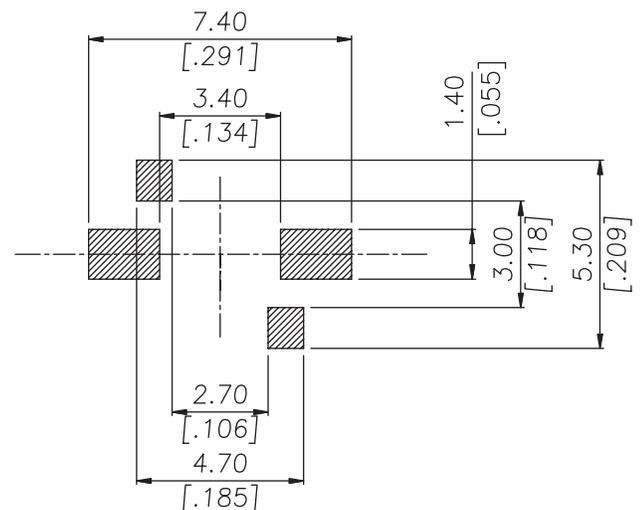


P.C.B. LAYOUT

STT3760JG-□25

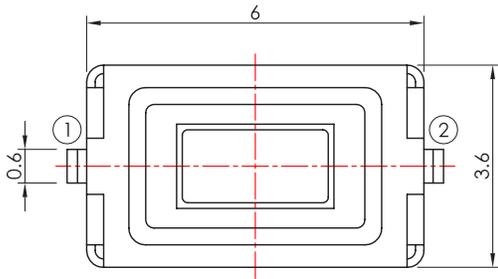


CIRCUIT DIAGRAM

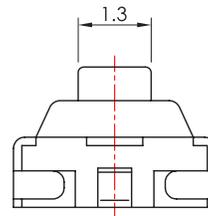
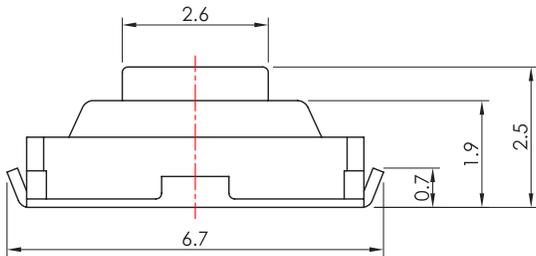
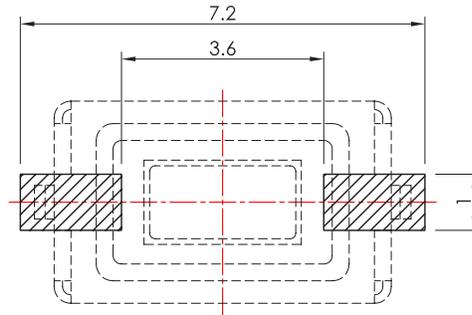


P.C.B. LAYOUT

STT3760J-□25



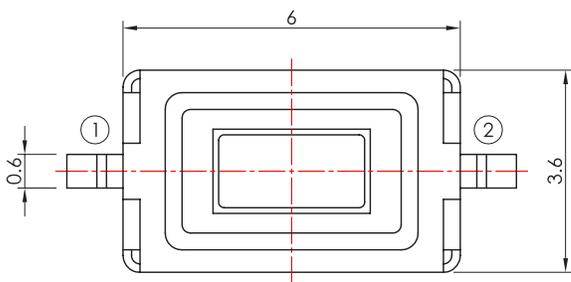
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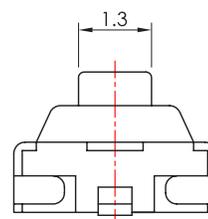
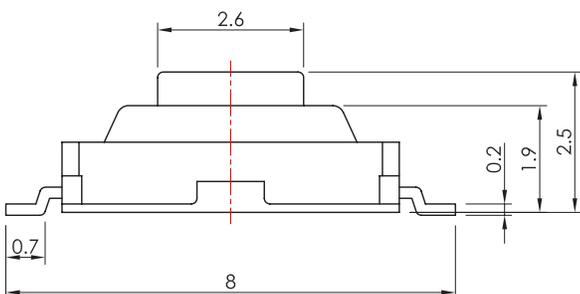
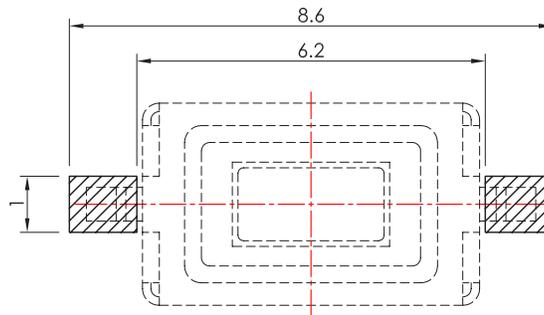
SCHEMATIC



STT3760M-□25



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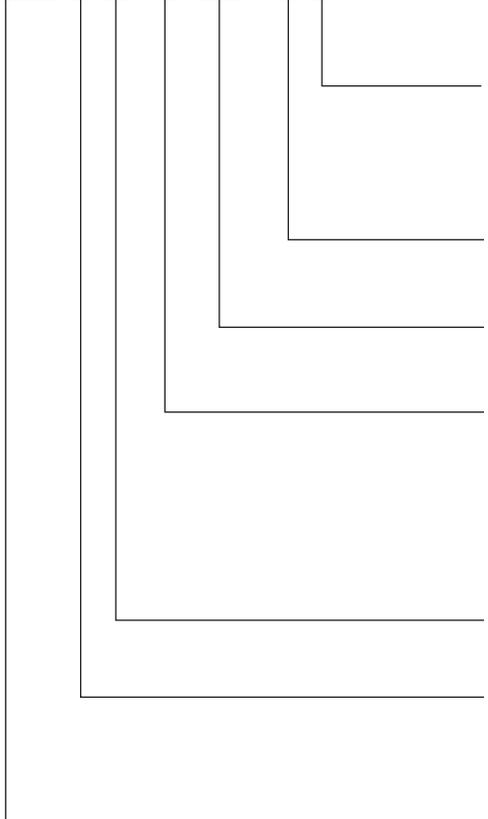


SCHEMATIC



HOW TO ORDER:

STT3760 □ □ - □ □ □ - □ □ □



Package Style:

B = Tube
T/R = Tape & Reel

Soldering:

R = Lead Free Solderable

Height:

25 = 2.5mm

Operating Force:

N = Brown, 160gf
B = Blue, 180gf (for J Bend without Ground Terminal only)
D = Red, 250gf (without Ground Terminal only)
U = Blue, 250gf (for J Bend without Ground Terminal only)
R = Red, 260gf

Nil = Without Ground Terminal

G = With Ground Terminal

Termination Type:

M = Gull Wing
J = J Bend

Series

Soldering Process

▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 320° approximatly 2 seconds while applying solder.

▲ Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C Max.

