

FEATURES:

- Available sharp click feel with a positive tactile feedback
- Ultraminiature 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:

- Contact Disc: Stainless with silver cladding
- Terminal: Brass with silver cladding
- Base: Nylon High-Temp Thermoplastic
Color: Black
- Stem: Nylon high-temp, Thermoplastic
Color: Black: STSLED-6□1
Brown: STSLED-6□2
White: STSLED-6□3

SPECIFICATION

MECHANICAL

- Operation Force: 100 ± 50gf STSLED-6□1
160 ± 50gf STSLED-6□2
260 ± 50gf STSLED-6□3
- Stroke: 0.20 ± 0.10mm
- 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.

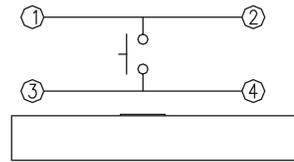
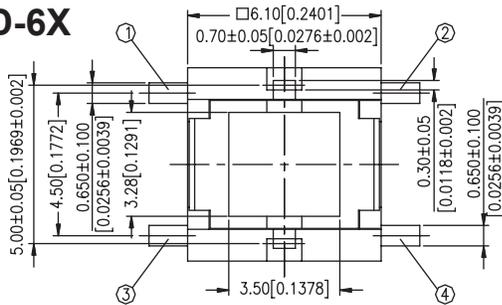
ELECTRICAL

- Electrical Life: 200,000 cycles
- Rating: 50mA, 12VDC
- Contact Resistance: 100mΩ max
- Insulation Resistance: 100MΩ min at 500VDC
- Dielectric Strength: 250VAC/1 minute.
- Circuit: 1 pole 1 throw

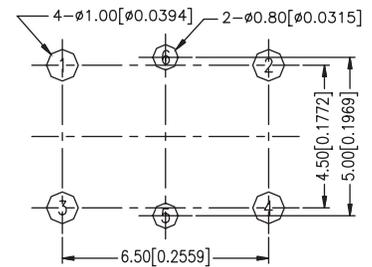
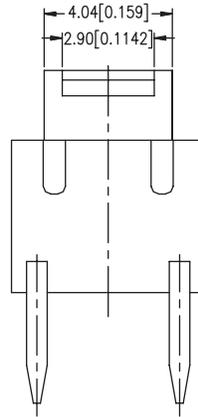
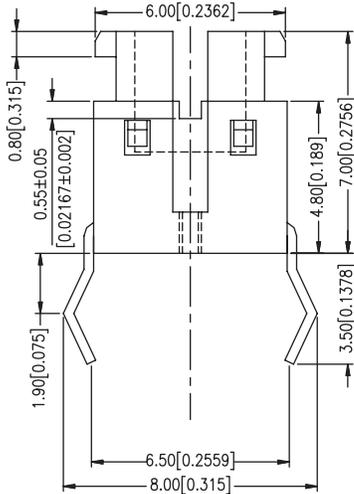
Packaging:

Part Number	Number Per Tube	Number Per Reel
STSLED-6	75	-
STSLED-6C	-	500

STSLED-6X

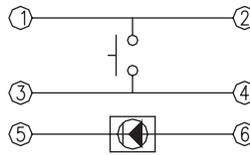
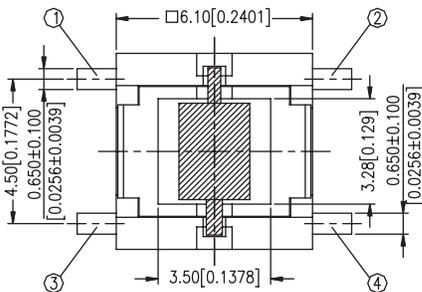


CIRCUIT DIAGRAM

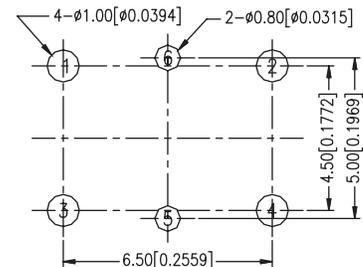
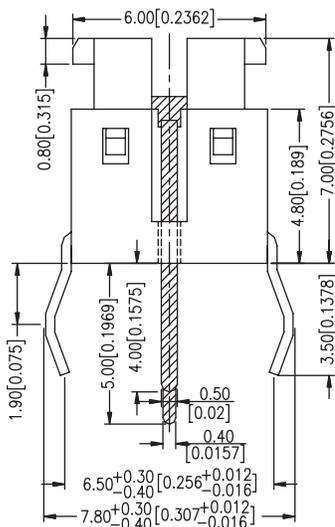


P.C.B. LAYOUT

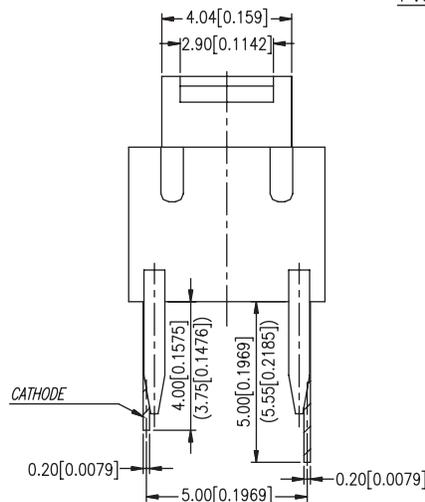
STSLED-6A



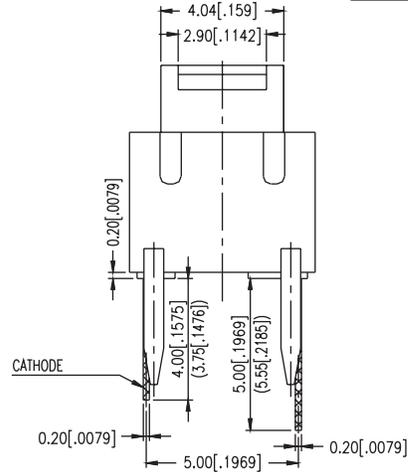
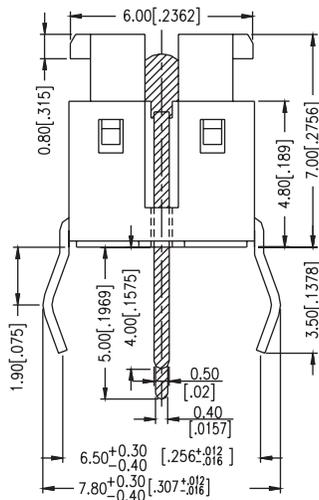
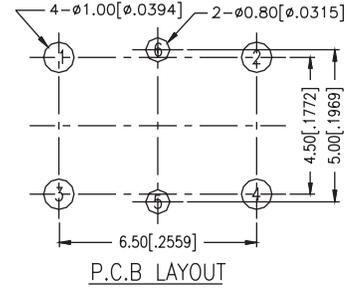
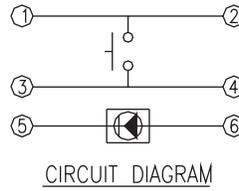
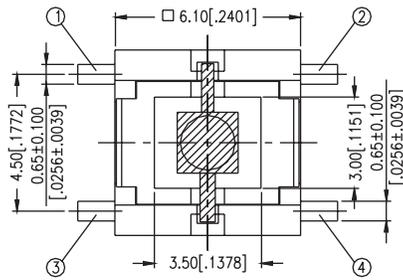
CIRCUIT DIAGRAM



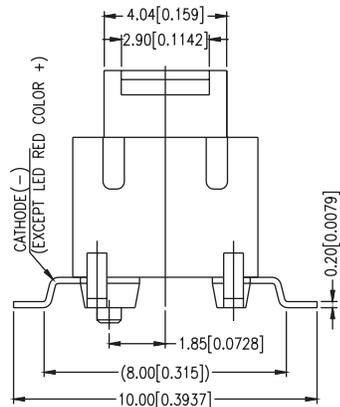
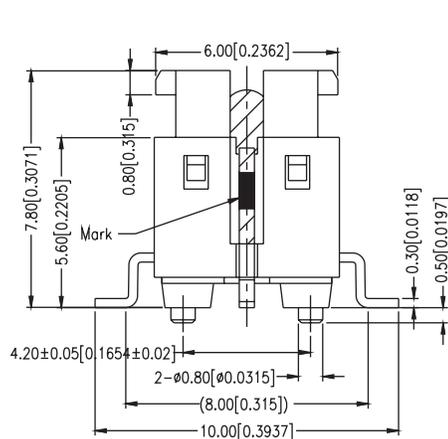
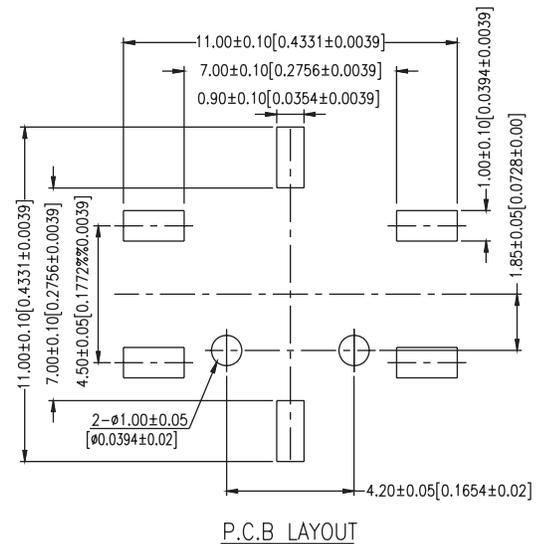
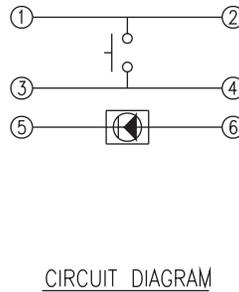
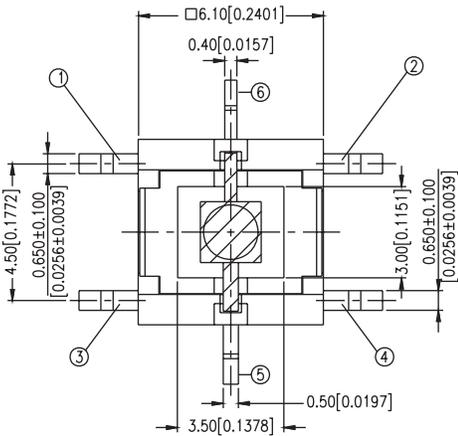
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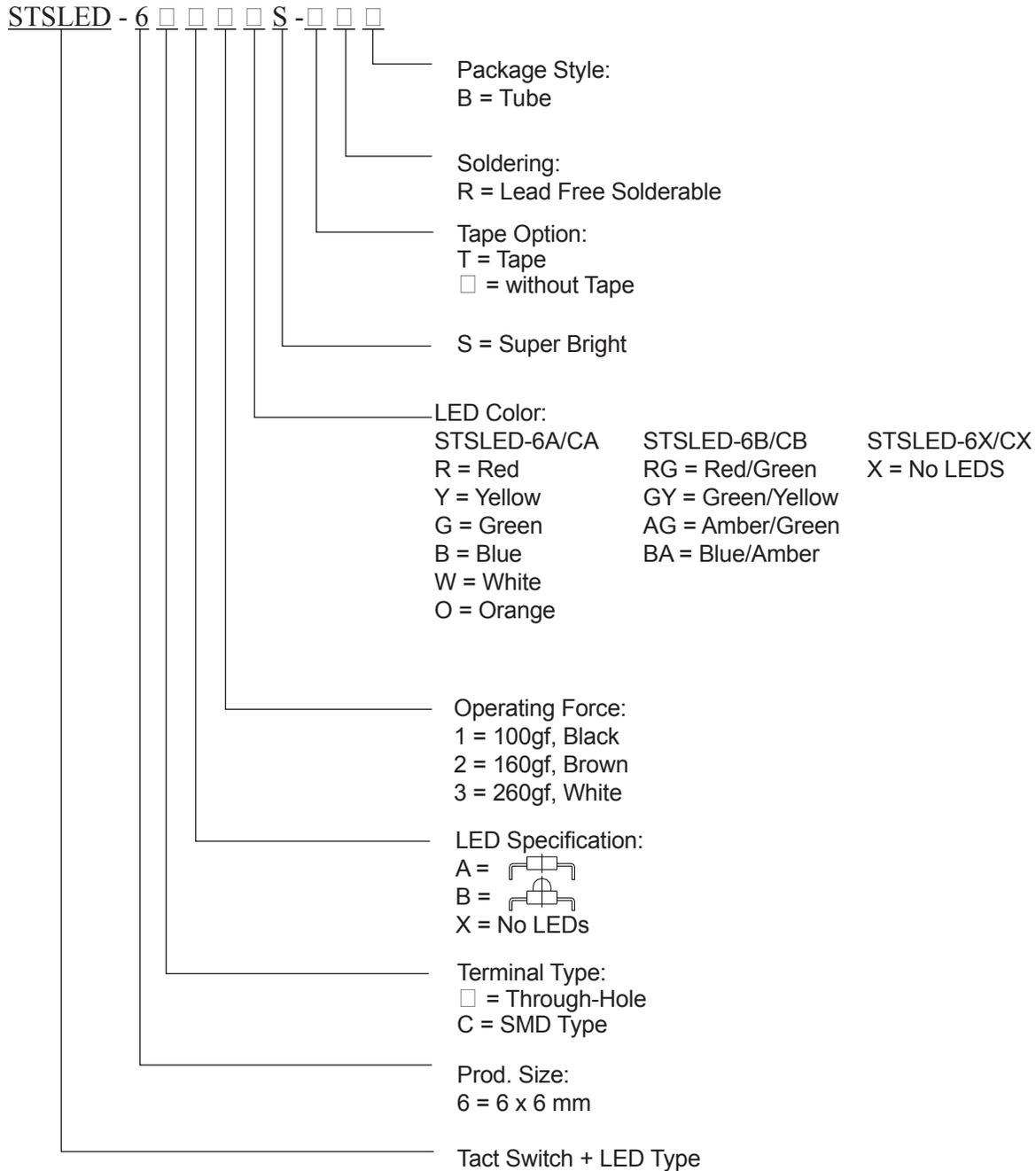
STSLED-6B



STSLED-6C



HOW TO ORDER:



Soldering Process

▲ Hand Soldering: Use a soldering iron of 30 watts controlled at 350°C approximately max 5 seconds while applying solder.

▲ Wave Soldering: Recommended solder Temperature at 500°F(260°C) max. 5 seconds.
Subject to PBC 1.6mm thickness. (Soldering for through hole type)