

## Dimensions: mm (In.)

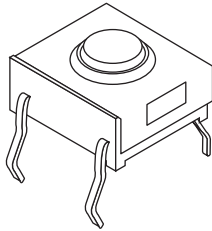
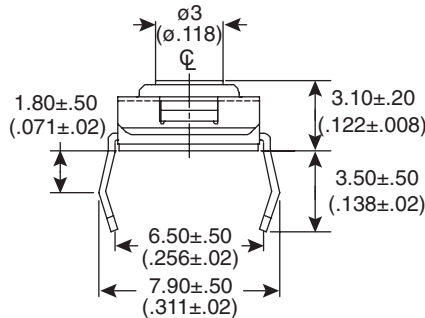
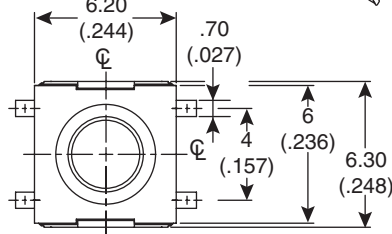


Fig. 1



## P.C.B. Layout

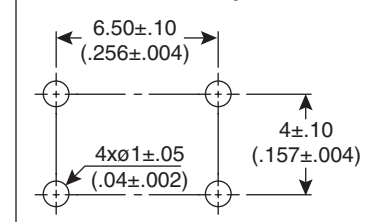
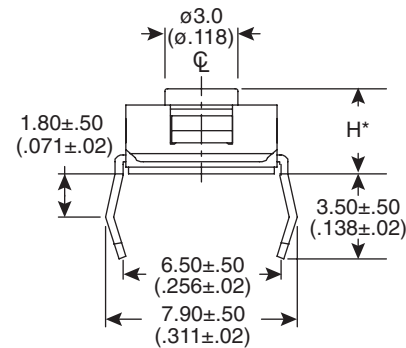
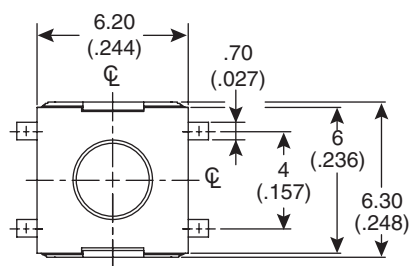
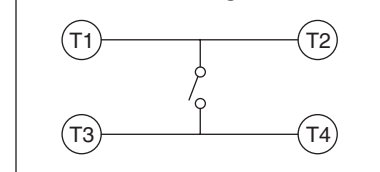


Fig. 2



## Circuit Diagram



## Mechanical Specifications:

- Type: SPST
- Operation Force:
  - 360 ± 90gf, Transparent TS6711T2604, TS6711T2605, TS6711T3605
  - 260 ± 70gf Red TS6711T2603
  - 180 ± 50gf Brown TS6711T1803
  - 160 ± 50gf Brown TS6711T1602
- Stop Strength: Max 3kgf vertical static load continuously for 15 seconds
- Stroke: 0.25 +0.20 / -0.1mm
  - 0.6 ±0.2mm
  - 0.45 ±0.2mm
- Operating Temperature: -25°C to +70°C
- Storage Temperature: -30°C to +80°C

## Electrical Specifications:

- Rating: 50mA/12VDC
- Contact Resistance: 100m max.
- Insulation Resistance: 100M min. at 500VDC
- Dielectric Strength: 250VAC/ minute

## Materials:

- Cover: Stainless steel
- Contact Disc: Phosphor bronze with silver cladding
- Terminal: Brass with silver cladding
- Base: Nylon high-temp. thermoplastic, black
- Stem: High-temp thermoplastic nylon
- Adhesive Tape: Resin-based
- Metal Stem: Silicone Rubber

## Note:

- RoHS Compatible and process compatible with 260° solder.

| Mouser Stock No.   | Fig. | Height (mm) | Electrical Life (Cycles min) |
|--------------------|------|-------------|------------------------------|
| 101-TS6711T1602-EV | 1    | -           | 100K                         |
| 101-TS6711T1803-EV | 2    | 3.5         | 500K                         |
| 101-TS6711T2603-EV | 2    | 3.5         | 500K                         |
| 101-TS6711T2604-EV | 2    | 3.8         | 500K                         |
| 101-TS6711T2605-EV | 2    | 5.2         | 500K                         |
| 101-TS6711T3605-EV | 2    | 5.2         | 500K                         |

## Tactile Switches

101-TS6711T1602-EV, 101-TS6711T1803-EV  
 101-TS6711T2603-EV, 101-TS6711T2604-EV  
 101-TS6711T2605-EV, 101-TS6711T3605-EV

**Mountain**  
**Switch**