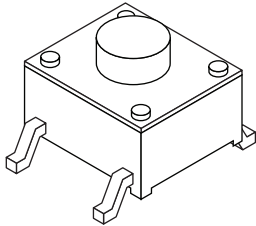
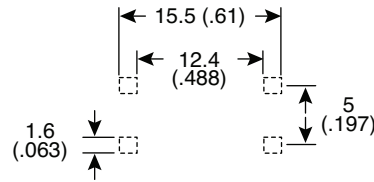


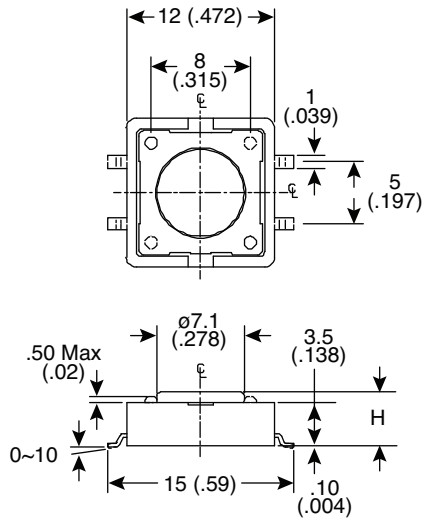
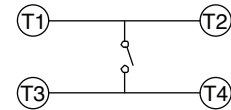
Dimensions: mm (in.)



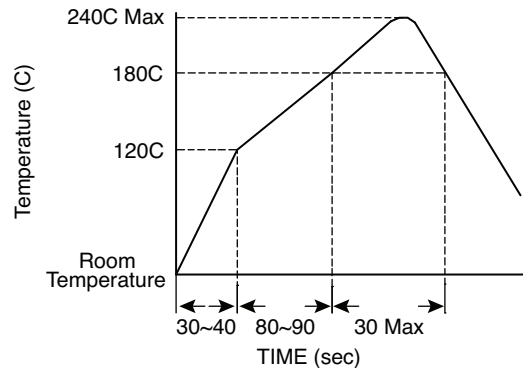
PCB Layout



Circuit Diagram



Reflow Temperature Profile



Electrical Specifications:

- Electrical Life: 300,000 cycles for 320gf; 500,000 cycles for 260gf; 1,000,000 cycles for 160gf
- Rating: 50mA/12VDC
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100MΩ min. at 500VDC
- Dielectric Stragth: 250VAC/minute

Mechanical Specifications:

- Stroke: (6x6) 0.25+0.2/-0.1mm, (12x12) 0.35±0.1mm
- Operating Temperature: -25°C to +70°C
- Storage Temperature: -30°C to +80°C
- Type: SPST

Materials:

- Cover: Steel, tin plated
- Base: UL94V-0 Nylon thermoplastic, black
- Stem: UL94V-0 Nylon thermoplastic; brown (160gf), red (260gf), salmon (320gf)
- Contact Disc: Phosphor bronze with silver cladding
- Terminal: Brass with silver cladding
- Cap: Thermoplastic ABS

Mouser Stock Number	Operating Force	Button Height H (mm)
101-TS6424T1603	160gf	8.5
101-TS6424T2601	260gf	4.3
101-TS6424T2603	260gf	8.5
101-TS6424T3201	320gf	4.3
101-TS6424T3203	320gf	8.5

Soldering Process:

- Hand Soldering: Use a soldering iron of 30 watts, controlled at 608°F (320°C).
- Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow over should be set to 240°C max.

Tactile Switches (SMT)

101-TS6424T2601, 101-TS6424T3201,
101-TS6424T1603, 101-TS6424T2603, 101-TS6424T3203

