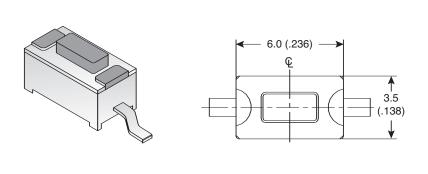
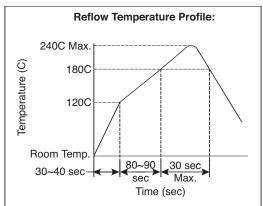
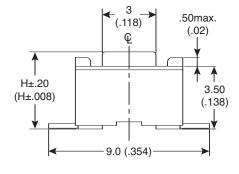
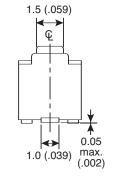
**Last Update:** 4-18-05 **Ref.** #: MS-100002

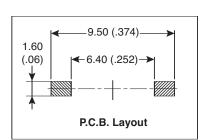
# Dimensions: mm (IN.)

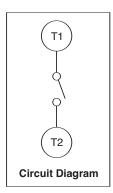












## **Mechanical Specifications:**

• Stroke: 0.25 +0.20 / -0.1 mm

Operating Temperature: -25°C to +70°C
Storage Temperature: -30°C to +80°C

Type: SPST

# **Electrical Specifications:**

 Electrical Life: 50,000 cycles for 160gf, 320gf 30,000 cycles for 260gf, 520gf

Rating: 50mA/12VDC

Contact Resistance: 100mΩ max.

• Insulation Resistance: 100MΩ min. at 500VDC

Dielectric Strength: 250VAC/ minute

#### **Materials:**

Cover: Stainless steel

• Base: UL94V-0 Nylon or PPA high-temp. thermoplastic, black

 Stem: UL94V-0 Nylon high-temp. thermoplastic Color: brown (160gf), red (260gf), salmon (320gf), yellow (520gf)

Contact Disc: Stainless with silver cladding

Terminal: Brass with silver cladding

### **Soldering Process:**

- Hand Soldering: Use a soldering iron of 30 watts, controlled at 608°F (320°C) approximately 2 seconds.
- Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set at 240°C max.
- Wave Soldering: Recommended solder temperature at 500°F (260°C) max. 5 seconds for through hole type.

Mountain Switch Part No.	Height	Color for Operating Force	
TS4322T5202	5.0 (.197)	Υ	Yellow 520g
TS4322T3202	5.0 (.197)	S	Salmon 320g
TS4322T2602	5.0 (.197)	R	Red 260g
TS4322T1602	5.0 (.197)	N	Brown 160g
TS4322T5201	4.3 (.169)	Υ	Yellow 520g
TS4322T3201	4.3 (.169)	S	Salmon 320g
TS4322T2601	4.3 (.169)	R	Red 260g
TS4322T1601	4.3 (.169)	N	Brown 160g

# **Tactile Switches (SMT)**

TS4322T5202, TS4322T3202, TS4322T2602 TS4322T1602, TS4322T5201, TS4322T3201 TS4322T2601, TS4322T1601



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