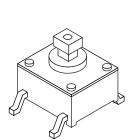
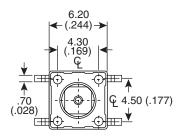
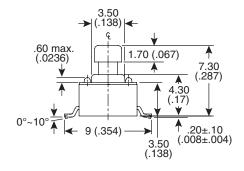
**Last Update:** 06/11/12 **Ref.** #: MS-100632

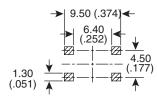
# Dimensions: mm (In)



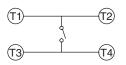




## **PCB Layout**



#### **Circuit Diagram**



#### **Mechanical Specifications:**

- Operation Force: 160±50gf Brown (N)
- Stroke: (6x6) 0.25+0.2/-0.1mm, (12x12) 0.35±0.1mm
- Operation Temperature Range: -25°C to +70°C
- Storage Temperature Range: -30°C to +80°C

#### **Electrical Specifications:**

- Electrical Life: 300,000 cycles for 320gf, 520gf; 500,000 cycles for 260gf; 1,000,000 cycles for 100gf, 160gf
- Rating: 50mA/12VDC
- Contact Resistance:  $100m\Omega$  max.
- Insulation Resistance: 100MΩ min. @ 500VDC
- Dielectric Strength: 250VAC for 1 minute
- Contact Arrangement: SPST

## Materials:

- Cover: Steel, tin plated
- Base: Nylon thermoplastic, brown
- Stem: Nylon thermoplastic
- Contact Disc: Phosphor bronze with silver cladding
- Terminal: Brass with silver cladding
- Cap: Thermoplastic ABS

# Note:

RoHS Compliant and process compatible with 260° solder

# Tactile Switch 101-TS6324T1605BC-EV



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