Thin Multi Function Tact Switch, 5 Direction Operation



FEATURES:

RoHS Compliant

Pb Free

- 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:

- Base: High-Temp Thermoplastic Nylon UL 94V-0
- Cover: Nickel Silver
- Stem: High-Temp Thermoplastic Nylon UL 94V-0 Color: Black
- Contact: Stainless with silver cladding
- Terminal: Brass with silver plated
- Tape: Teflon

SPECIFICATION

MECHANICAL

- Operation Force: Side: $180gf \pm 160gf$ Center: 320gf + 80/-60gf
- Stroke:4 direction: 0.25 ± 0.15 mm
- Operation Temperature Range: -20°C to +70°C
- Storage Temperature Range: -40°C to +85°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.

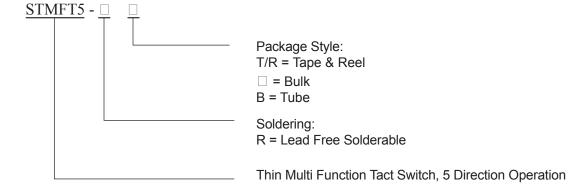
ELECTRICAL

- Electrical Life: 200 000 cycles
- Rating: 50mA, 12VDC
- Contact Resistance: $100m \Omega max$
- Insulation Resistance: $100M\Omega$ min at 500VDC
- Dielectric Strenght: 250VAC/1 minute.
- Circuit: 1 pole 1 throw

Packaging:

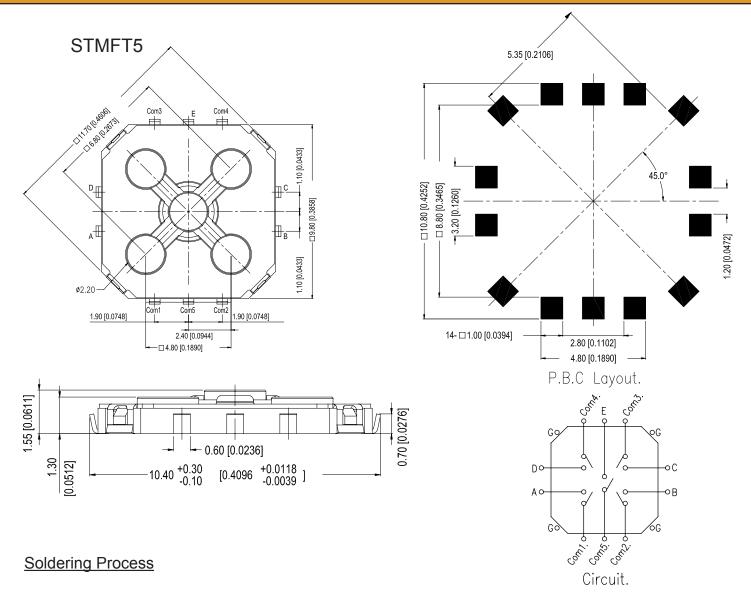
Part Number	Packaging
STMFT5-RB	47 Per Tube
SMTFT5-RT/R	2500 Per Reel

HOW TO ORDER:



Multi Function Tact Switches STMFT5 Series

Thin Multi Function Tact Switch, 5 Direction Operation



- ▲ Hand Soldering: Use a soldering iron of 30 watts controlled at 350°C approximately max 5 seconds while applying.
- ▲ Reflow Soldering: When applying reflow soldering the peak temperature or the reflow oven should be set to 260°C max.

Temperature Profile:

RoHS Compliant

Pb Free

