### Electrical Characteristics

- **Electrical Life**: 100,000 cycles
- **Rating**: DC 12 V 50 mA
- **Contact Resistance**: 100 milliohms max.
- **Insulation Resistance**: 100 megohms, DC 100 V min.
- **Dielectric Strength**: 100 V AC for 1 minute
- **Contact Arrangement**: 1 pole 1 position

### Environmental Characteristics

- **Operation Force**: 220 g ± 5 g
- **Stroke**: 0.2 + 0.10/- 0.05 mm
- **Operating Temperature**: -25°C to +70°C
- **Storage Temperature**: -30°C to +85°C
- **Vibration Test**: MIL-STD-202F, Method 213A, Condition A
- **Frequency**: 10-55 Hz 1 minute
- **Time**: 2 hours each direction
- **Shock Test**: MIL-STD-202F, Method 213B, Condition A
- **Gravity**: 50 G (peak value), 11 msc
- **Direction & Times**: 6 sides and 3 times in each direction

### Physical Characteristics

- **Cover Materials**: Stainless Steel
- **Base Materials**: LCP high temp. thermoplastic, white
- **Actuator Materials**: LCP high temp. thermoplastic, black
- **Contact Disc Materials**: Stainless with silver cladding
- **Terminal Materials**: Brass with silver plated Teflon

### How to Order

- **Model**: STSS - 32 - TR
- **Terminal**: Embossed Tape
- **Count**: 3600 Pcs./180 mm Reel

### Circuit Diagram

![Circuit Diagram](image)

### Reflow Soldering Profile

![Reflow Soldering Profile](image)

### Recommended PCB Layout

![Recommended PCB Layout](image)

### Features

- Available sharp click feel with positive tactile feedback
- Ultra-miniature and lightweight structure suitable for high density mounting
- Economical with high reliability
- RoHS compliant*

* Insert molding in the contact with special treatment prevents flux buildup during soldering and permits autodipping

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