

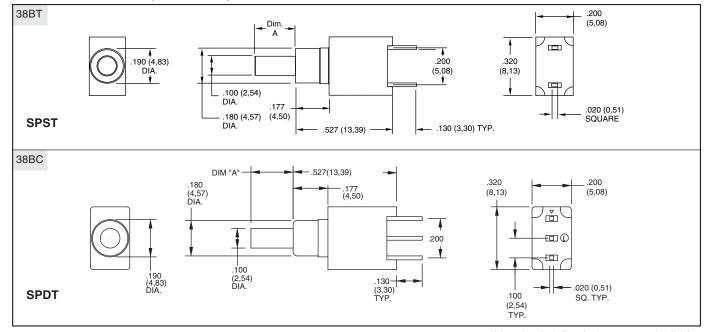
# SERIES 38BT and 38BC Sub-Miniature Vertical PC Mount

#### **FEATURES**

- Actuates at Right Angle to Printed Circuit Board
- Drop-In Replacement for Industry Standard
- SPST and SPDT, Momentary Contact
- Sealed Plunger Option

# **DIMENSIONS** In inches (and millimeters)





## **SPECIFICATIONS**

### **Electrical Ratings**

**Operating Life:** 80,000 make-and-break cycles at full load

# Contact Rating (resistive load):

Gold Contacts: 0.4 VA maximum at 20 Vac or Vdc

Silver Contacts: 1.0 Amp maximum at 120 Vac or 28 Vdc

**Contact Resistance:** Below 20 milliohms typical initial at 2-4 Vdc, 100 mA, for both silver and gold-plated contacts

Insulation Resistance: 1000 megaohms

Voltage Breakdown: 1000 Vrms minimum at sea level

Operating Temperature: -30°C. to +85°C. Solderability: Per MIL-STD-202F, Method 208D, or EIA RS-186E, Method 9 (1 hour

steam aging)

Unless otherwise indicated, tolerances are ± .010 (0,25)

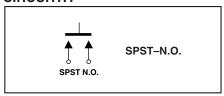
### **Materials and Finishes**

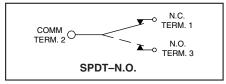
Base and Cover: Thermoplastic (UL 94V-0) Plunger: Thermoplastic (UL 94V-0), (S versions include an internal o-ring seal) Terminals: Copper alloy, gold or silver plate

(as specified) over nickel plate **Spring:** Plated music wire

**Contact System:** Copper alloy, gold or silver plate (as specified) over nickel plate

## **CIRCUITRY**





## **ORDERING INFORMATION**



**Available from your local Grayhill Distributor.** For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.