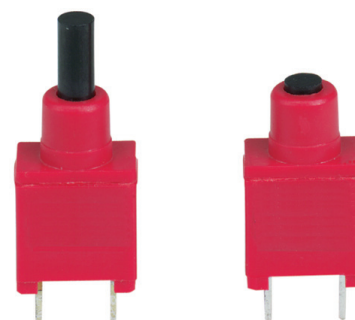


SERIES 38BT and 38BC

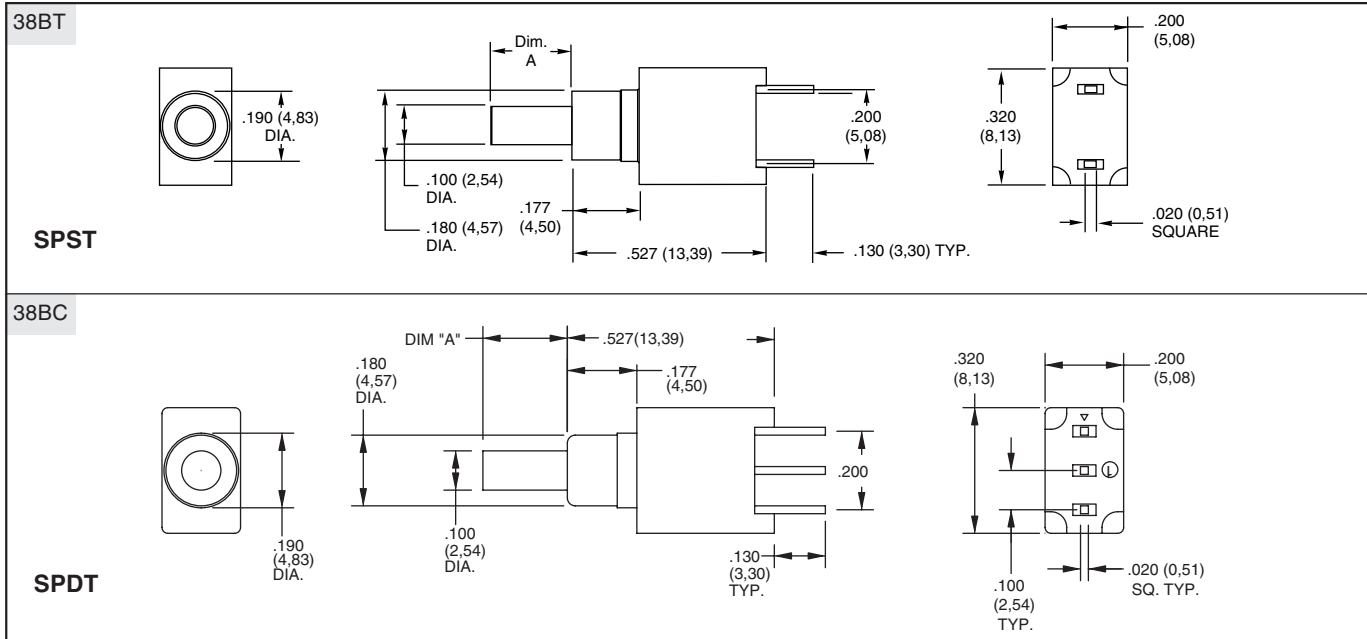
Sub-Miniature Vertical PC Mount

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)



Unless otherwise indicated, tolerances are $\pm .010$ (0,25)

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 minimum

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)

Materials and Finishes

Base and Cover: Thermoplastic (UL 94V-0)

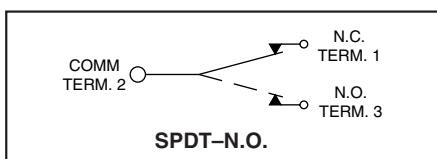
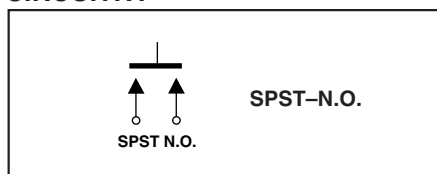
Plunger: Thermoplastic (UL 94V-0), (S versions include an internal o-ring seal)

Terminals: Copper alloy, gold or silver plate (as specified) over nickel plate

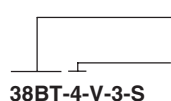
Spring: Plated music wire

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

CIRCUITRY



ORDERING INFORMATION



Series: 38BT = SPST, Momentary, Thru-Hole
38BC = SPDT, Momentary, Thru-Hole
Dimension A: 0 = 0.020" 4 = 0.215"

Seal: S = O-Ring Seal, N = No Seal

Contact Material: 1 = Solder Dip over Gold

2 = Solder Dip over Silver

3 = Gold - RoHS Compliant

4 = Silver - RoHS Compliant

Orientation: V = Vertical to PCB

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