

## SERIES 49

### Subminiature Horizontal PC Mount

#### FEATURES

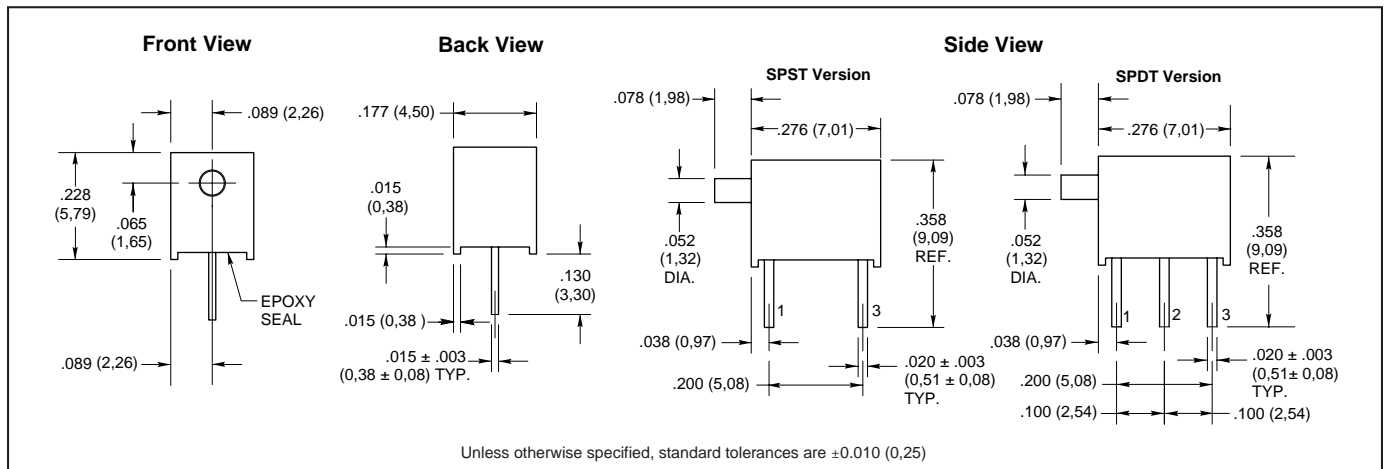
- Process Sealed Plunger
- Printed Circuit Board Mount
- SPST and SPDT (Momentary Contact)
- Gold-Plated Contacts
- Drop-In Industry Replacement

#### APPLICATIONS

- Telecommunications Equipment
- Networking Equipment
- Personal Computers



#### DIMENSIONS In inches (and millimeters)



#### SPECIFICATIONS

##### Rating Criteria

**Operating Life:** 40,000 make-and-break cycles at full load

##### Contact Rating (resistive load):

**Gold Contacts:** 0.4 VA maximum at 20 Vac or Vdc maximum

**Contact Resistance:** Below 50 milliohms typical initial at 2-4 Vdc, 100 mA

**Insulation Resistance:** 1000 megaohms minimum

**Voltage Breakdown:** 500 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)

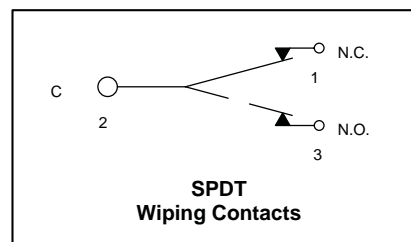
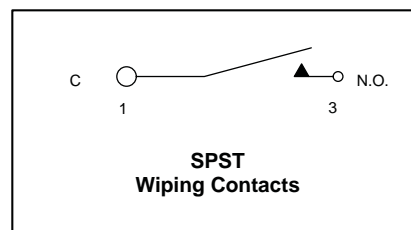
**Plunger:** Thermoplastic (UL 94V-0)

**Terminals:** Copper alloy, tin/lead over nickel plate, solder-coated

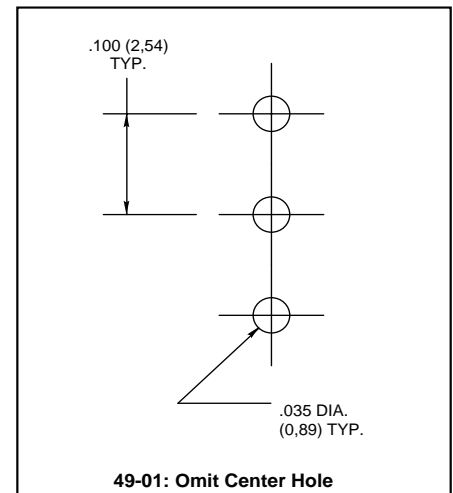
**Spring:** Plated music wire

**Contact:** Phosphor bronze, gold over nickel plate

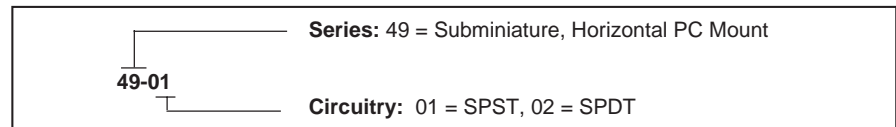
#### CIRCUITRY OPTIONS



#### PC MOUNTING



#### ORDERING INFORMATION



Available from your local Grayhill Component Distributor.

For prices and discounts, contact a local Sales Office, an authorized local distributor, or Grayhill.

Pushbutton Switches