

## SERIES 38BM AND 38BC

### Sub-Miniature Surface Mount

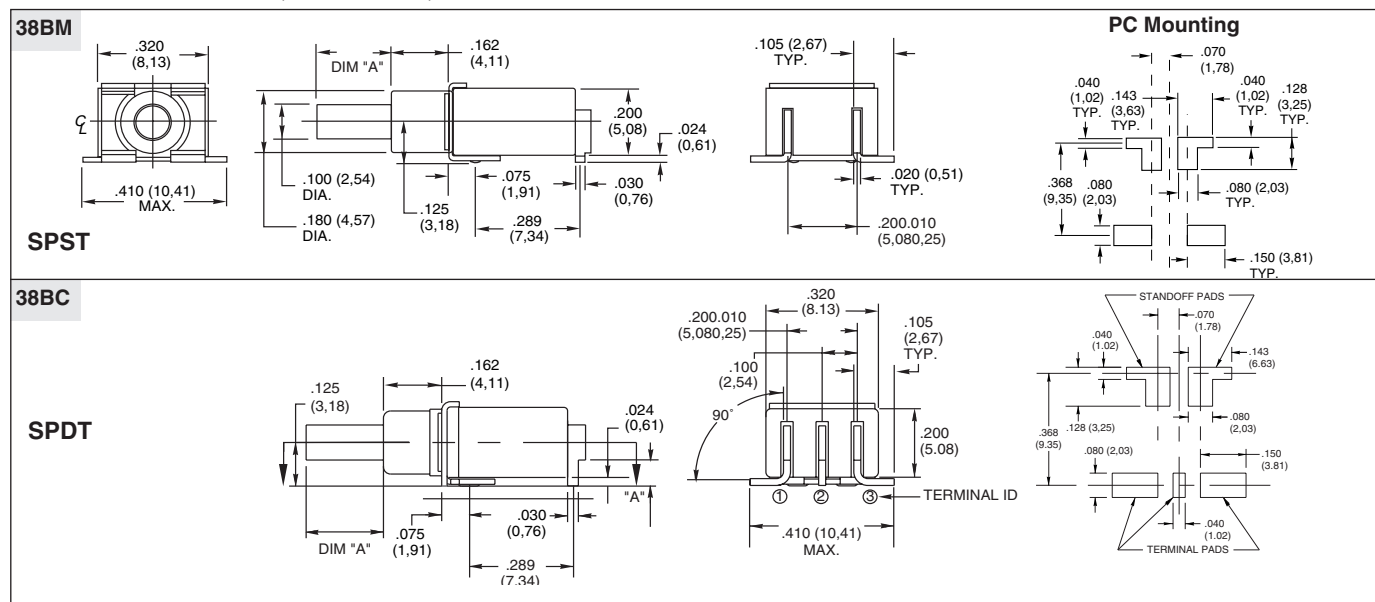
#### FEATURES

- Surface Mount Process Compatible
- Sealed Construction
- SPST and SPDT, Momentary Contact
- Extended or Flush Plunger
- Drop-In Replacement for Industry Standard



#### SPECIFICATIONS

#### DIMENSIONS In inches (and millimeters)



#### Rating Criteria

**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 maximum

**Silver Contacts:** I.O. Amps maximum at 120 Vac or 28 Vdc

**Contact Resistance:** Below 20 milliohms typical initial at 2-4 Vdc, 100 mA

**Insulation Resistance:** 1000 megaohms min.

**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), with standard internal o-ring seal

**Terminals:** Copper alloy, gold plate over nickel plate

**Spring:** Plated Music Wire

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

**Switch Support:** Brass, tin-plated

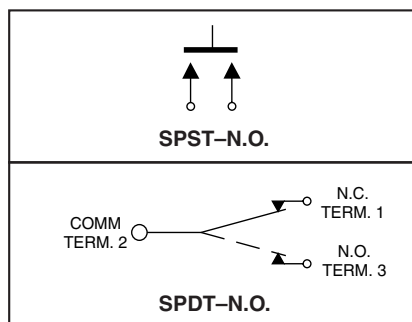
#### Available from your local Grayhill Distributor.

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

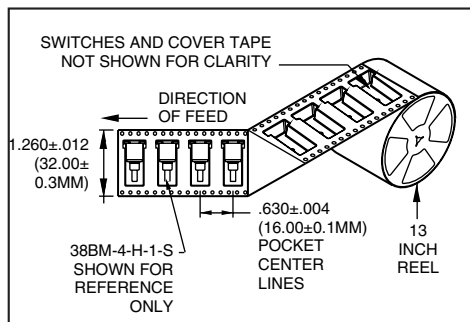
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#### CIRCUITRY



#### TAPE AND REEL PACKAGING



#### ORDERING INFORMATION

