

SERIES 38BM AND 38BC Sub-Miniature Surface Mount

FEATURES

Surface Mount Process Compatible

DIMENSIONS In inches (and millimeters)

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



PC Mounting 38BM .162 (4,11) .105 (2,67) TYP. 320 .0700 (8,13) DIM "A" (1,78) .040□ .040L (1,02)D143L TYP. (3,63)D TYP. | 040 .040⊔ (1,02)□ .12о⊔ (3,25)Е ТҮР. ТҮР. .200 (5,08) G .024 (0,61) .020 (0,51) TYP. .075 4 .368□ .080□ (9,35) (2,03) .100 (2,54) .030 .080 (2.03) .410 (10,41) (1,91)(0,76)TYP MAX 125 .180 (4,57) DIA. .289 (7,34) (3,18) 200 010 ۲ (5,080,25) SPST .150 (3,81) |-**•** 38BC .320 (8.13) NDOFF PADS .200.010 (5,080,25) .0700 (1.78) .105 (2,67) TYP. 162 .100 (2,54) . (4.11).125 (3,18) .024 90 .0800 SPDT (0,61)128 (3.25) .200 (5.08) .080 (2,03) .150D (3.81) 1 TERMINAL ID 1 Ō 3 .030 (0,76) .075 (1,91) .410 (10,41) DIM "A" MAX. - .289 (7.34)

SPECIFICATIONS

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

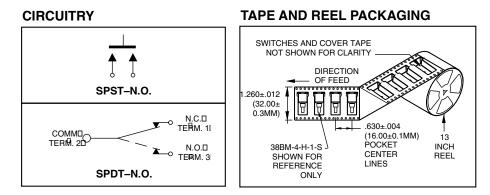
Contact System: Copper alloy, gold or silver plate (as specified) over nickel plate Switch Support: Brass, tin-plated

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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ORDERING INFORMATION

