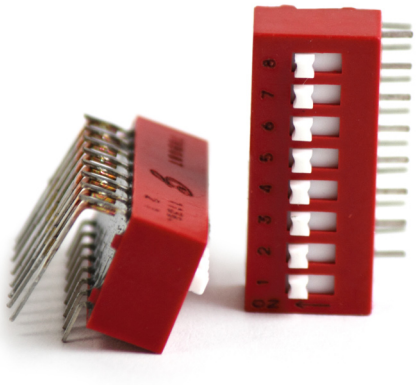
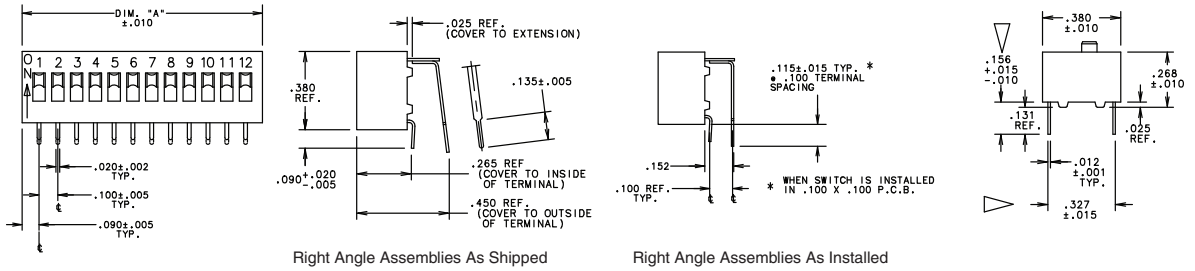
SERIES 78B
Right Angle Option

FEATURES
- Easy Access
- SPST Circuitry
- 1-10 and 12 positions available
- Sealed versions available

APPLICATIONS
Telecommunications, computers and peripherals, instruments and controls.



Series 78B DIMENSIONS in inches (and millimeters)



Right Angle Assemblies As Shipped Right Angle Assemblies As Installed

SPECIFICATIONS

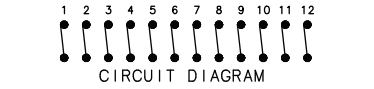
Mechanical
Mechanical Life: 2,000 operations per switch.
Operation Temp: -40°C to + 85°C
Storage Temp: -55°C to + 85°C
Vibration Test: Per Method 204, Test Condition B, 1 mS opening (10 mS allowed)
Shock Test: MIL-STD-202F METHOD 213 Test Condition A, 1ms (10 allowed)

Electrical
Electrical Life: 10,000 operations per switch 24VDC, 25mA.
Non-Switching Rating: 100mA, 50VDC.
Switching rating: 150mA, 30DVC; 10mA, 50mVDC
Contact Resistance: 30mΩ max. at initial.
Insulation Resistance: (at 100VDC) 5,000MΩ min.
Dielectric Strength: 750VAC/1 minute.
Capacitance: 2pF max.

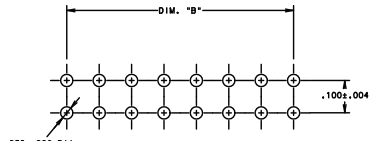
Soldering and Cleaning Process
*For the most current soldering & cleaning processing guidelines, reference Grayhill Dip Switch Processing Information, Bulletin 1234

Cleaning tape sealed products:
Passes immersion test using water/detergent. Acceptable solutions include 1-1-1 trichlorethane, freon, (TF, TE, or TMS), isopropyl alcohol, detergent (140°F maximum). Terpene acceptable for Series 90 only. Solutions which are not recommended include acetone, methylenechloride, freon TMC. Pressure wash cleaning processes are not recommended for tape seal switches.
Wave Soldering: Recommended solder temperature: 500°F (260C) max 5 seconds.
Hand Soldering: Use a soldering iron of 30 Watts or less, controlled at 608°F (320° C) approximately 2 seconds while applying solder.
Cleaning: Tape sealed versions withstand cleaning processes.

Materials
Contact Ball: Brass with gold plating over nickel
Terminals: Brass with gold plating over nickel
Nonconductive Parts: Plastic UL94V-0
Potting Material: Epoxy
Shorting Member (Ball): Brass, gold-plated over nickel barrier.
Protective Cover: Polycarbonate.
Tape Seal: Polyester film
Tape Seal Integrity: Passes gross leak test using 125°C flourinert for 20 seconds minimum. Reference MIL-STD-202, Method 112.



CIRCUIT DIAGRAM



P.C.B. LAYOUT

ORDERING INFORMATION

78B08SRAT

Series 78B, 78F, 78G, 78H, 78J, 78K, 78RB Styles available as right angle
Number of Positions 1 through 12 (depending on Series)
RoHS compliant
Right Angle
S= Top Tape Sealed, Blank=Unsealed

