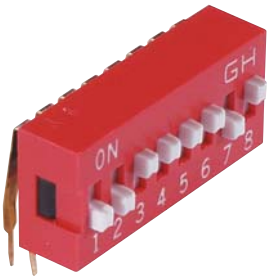
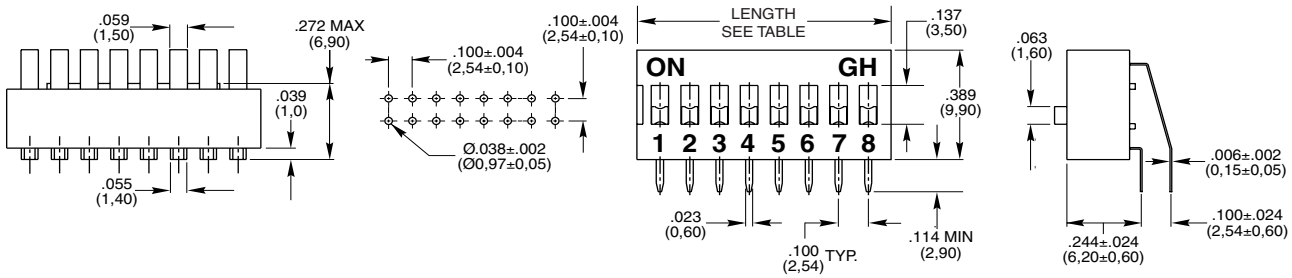
SERIES 78C
Right Angle Option

FEATURES
- Easy Access
- SPST Circuitry
- 2-10 and 12 positions available
- Sealed versions available

APPLICATIONS
Telecommunications, computers and peripherals, instruments and controls.



Series 78C DIMENSIONS In inches (and millimeters)



Unless otherwise specified, tolerances are ±0.008 (0,20)

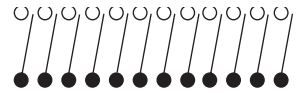
SPECIFICATIONS

Mechanical
Mechanical Life: 2000 operations per switch.
Operation Force: 1000gf max.
Stroke: 2.0mm
Operation Temp: -20°C to 70°C
Storage Temp: -40°C to 85°C
Vibration Test: MIL-STD-202F METHOD 201A.
Frequency: 10-55-10Hz/1 min.
Directions: X,Y,Z, three mutually perpendicular directions.
Time: 2 hours each direction.
High reliability.
Shock Test: MIL-STD-202F METHOD 213 B. CONDITION A.
Gravity: 50G (peak value), 11 msec.
Direction and times: 6 sides and 3 Times in each direction.
High reliability.

Electrical
Electrical Life: 2000 operations per switch 24VDC, 25mA.
Non-Switching Rating: 100mA, 50VDC.
Switching rating: 25mA, 24VDC.
Contact Resistance: 50mΩ max. at initial.
Insulation Resistance: (at 500VDC) 100mΩ min.
Dielectric Strength: 500VAC/1 minute.
Capacitance: 5pF max.
Circuit: Single pole single throw.

Soldering and Cleaning Process
For best results follow these recommendations: Keep switch contacts in "OFF" position for all operations.
Wave Sodering: Recommended solder temperature: 500°F (260°C) 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.

CIRCUITRY



(2, 3, 4, 5, 6, 7, 8, 9, 10, 12, POS AVAIL)

Materials
Base Contact: Phospher bronze with gold plating over nickel
Terminals: Brass with gold plating over nickel
Nonconductive Parts: Plastic UL94V-0
Potting Material: Epoxy
Tape Seal: Polyester film.

ORDERING INFORMATION

78C08SRAT

- **Series**
- **Number of Positions**
- **RoHS compliant**
- **Right Angle**
- **S=** Top Tape Sealed, Blank=Unsealed

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