

SERIES 78C

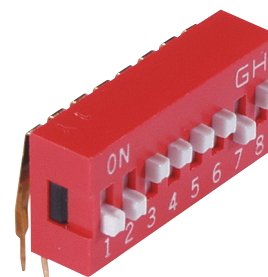
Right Angle Option

FEATURES

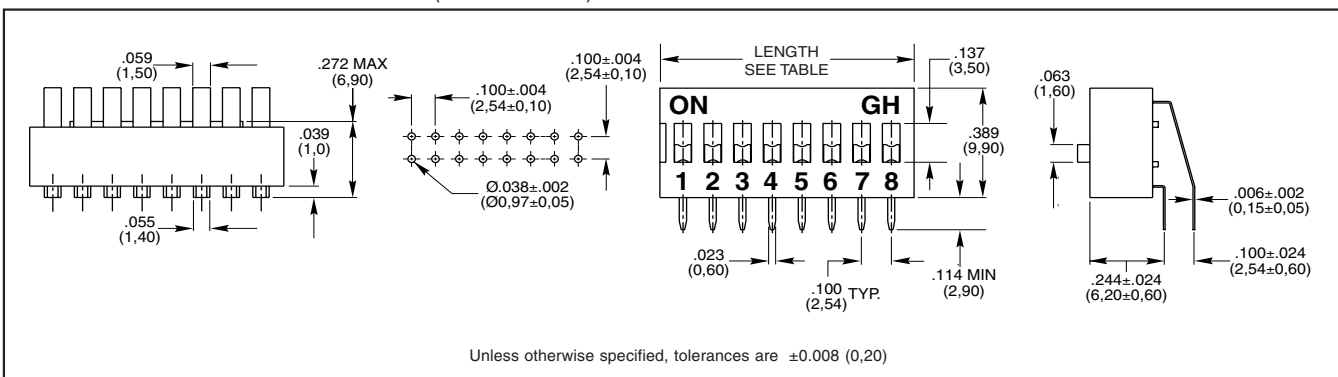
- Easy Access
- SPST Circuitry
- 2-10 and 12 positions available
- Sealed versions available

APPLICATIONS

Telecommunications, computers and peripherals, instruments and controls.



Series 78C DIMENSIONS In inches (and millimeters)



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

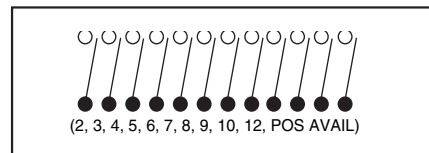
For best results follow these recommendations: Keep switch contacts in "OFF" position for all operations.

Wave Soldering: 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



Materials

Base Contact: Phosphor 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

