

**SERIES 78C**  
Right Angle Option

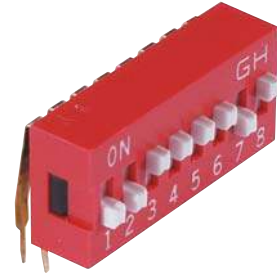
**FEATURES**

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

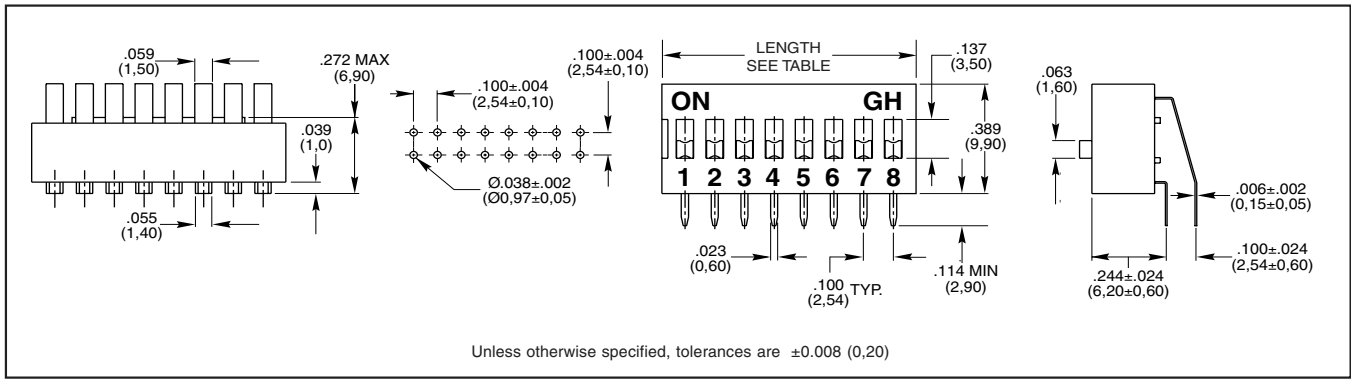
**Right Angle**

**APPLICATIONS**

Telecommunications, computers and peripherals, instruments and controls.



**Series 78C DIMENSIONS** In inches (and millimeters)



DIP Switches

**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.

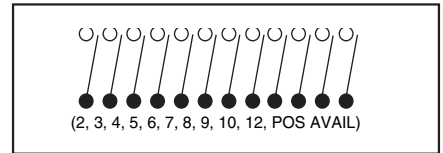
**Electrical**

**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:** 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**

