



# **SERIES 78C Right Angle Option**

### **FEATURES**

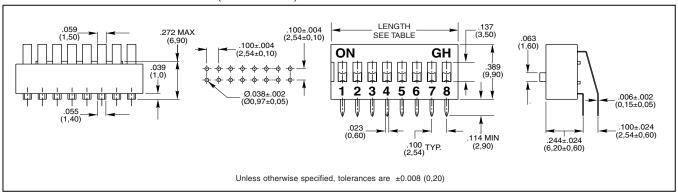
- Easy Access
- SPST Circuitry
- 2-10 and 12 positions available
- Sealed versions available

#### **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:  $50m\Omega$  max. at initial.

Insulation Resistance: (at 500VDC) 100m $\Omega$ min.

Dielectric Strength: 500VAC/1 minute.

Capacitance: 5pF max.

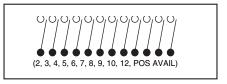
Circuit: Single pole single throw.

#### **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**



#### **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**

