Grayhiii Thru-Hole DIP Switches



SERIES 78C Right Angle Option

FEATURES

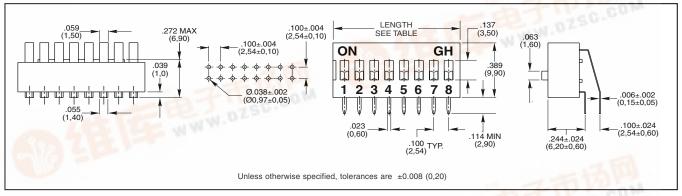
- Easy Access
- SPST Circuitry
- 2-10 and 12 positions available
- Sealed versions available

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) $100m\Omega$

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.

ORDERING INFORMATION



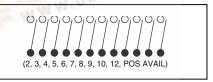
Series

Number of Positions RoHS compliant

Right Angle

S= Top Tape Sealed, Blank=Unsealed

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.