



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



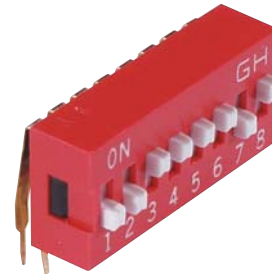
SERIES 78C
Right Angle Option

FEATURES

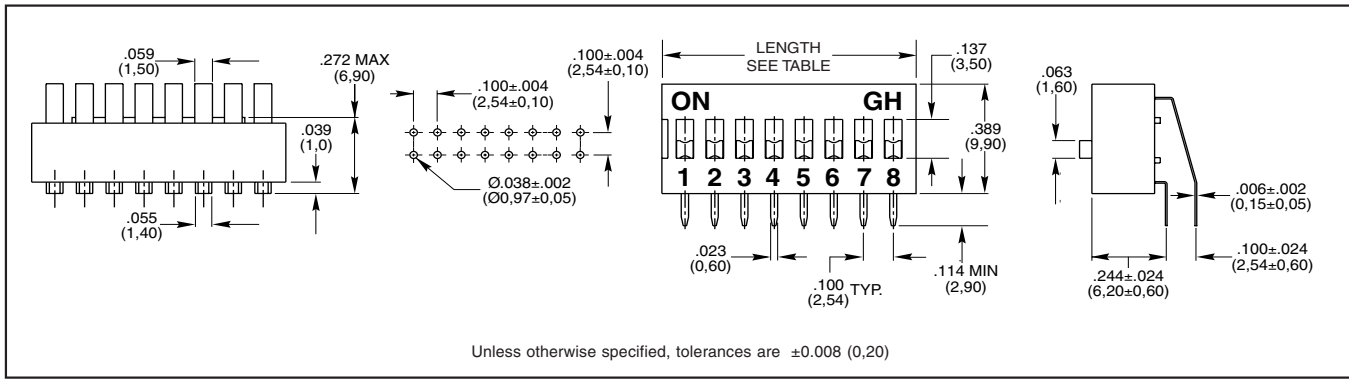
- Easy Access
- SPST Circuitry
- 2-10 and 12 positions available
- Sealed versions available

APPLICATIONS

Telecommunications, computers and peripherals, instruments and controls.



Series 78C DIMENSIONS In inches (and millimeters)



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.

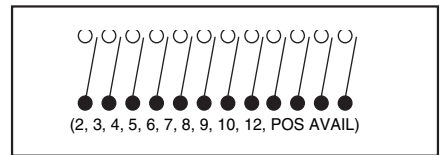
Electrical

- 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:** 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

