

SERIES 95C

6mm x 3.5mm



FEATURES

- Excellent Tactile Feedback
- Thru-hole and Gull Wing Versions
- Surface Mount Versions Compatible with SMT Assembly Including Infrared and Vapor Phase
- Ultraminiature and Lightweight Structure Suitable for High Density Mounting

APPLICATIONS

Used in applications such as consumer electronics, audio equipment, PCs, VCRs, cable boxes, modems, communications equipment, controls, security and alarm equipment, and test and measurement equipment.

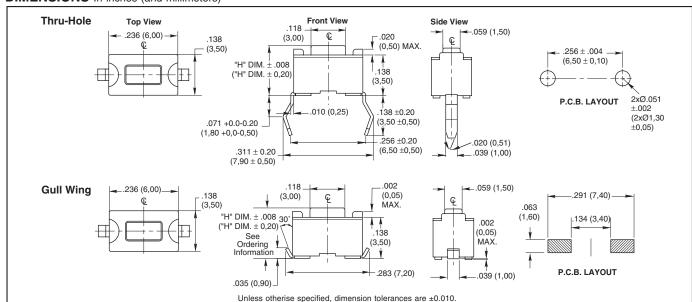




Gull Wing, 320g, Orange Actuator

Thru-Hole, 160g, Brown Actuator

DIMENSIONS In inches (and millimeters)



SPECIFICATIONS

Materials

Base: UL94V-0 Nylon thermoplastic

Cover: Stainless steel

Actuator: UL94V-0 Nylon thermoplastic Terminal: Brass with silver-plating Contact: Stainless steel with silver-plating

Electrical

Rating: 50mA, 12 Vdc Life: 50,000 cycles

Actuator Travel: .010" + .008" / - .004"Contact Resistance: $100 \text{ m}\Omega$ max. Insulation Resistance: $100 \text{ M}\Omega$ min. at 500 Vdc

Dielectric Strength: No dielectric breakdown after 250V after one minute

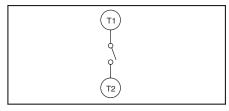
Contact Arrangement: single pole, single throw

Environmental

Operating Temperature Range: -25 to 70°C Storage Temperature Range: -30 to 80°C Mechanical Shock: MIL-STD-202F, Method 213B, Test Condition A. Gravity: 50G (peak value), 11 msec. Direction and times: 6 sides and 3 times in each direction. High reliability.

Vibration: MIL-STD-202F, Method 201A. Passed 6 hours (2 hours in each) of three perpendicular planes at a cycle of 10-55-10Hz/minute.

CIRCUITRY



Soldering Process

Hand Soldering: Use a soldering iron of 30 watts, controlled at 350°C for 5 seconds maximum while applying solder.

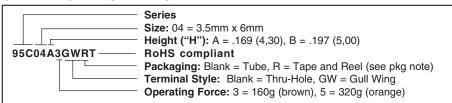
Reflow Soldering (surface mount versions only): Peak temperature 260°C (500°F).

Wave Soldering: 260°C (500°F) max. for 5 seconds. Subject to P.C.B. .063 in. (1,6mm) thickness.

Packaging

Thru-Hole: 135 pcs/tube. Surface Mount: 135 pcs/tube, 1800 pcs/reel (.169" height), 1600 pcs/reel (.197" height).

ORDERING INFORMATION



Available from your local Grayhill Component Distributor.

For prices and discounts, contact a local Sales Office, an authorized local distributor, or Grayhill.