

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.

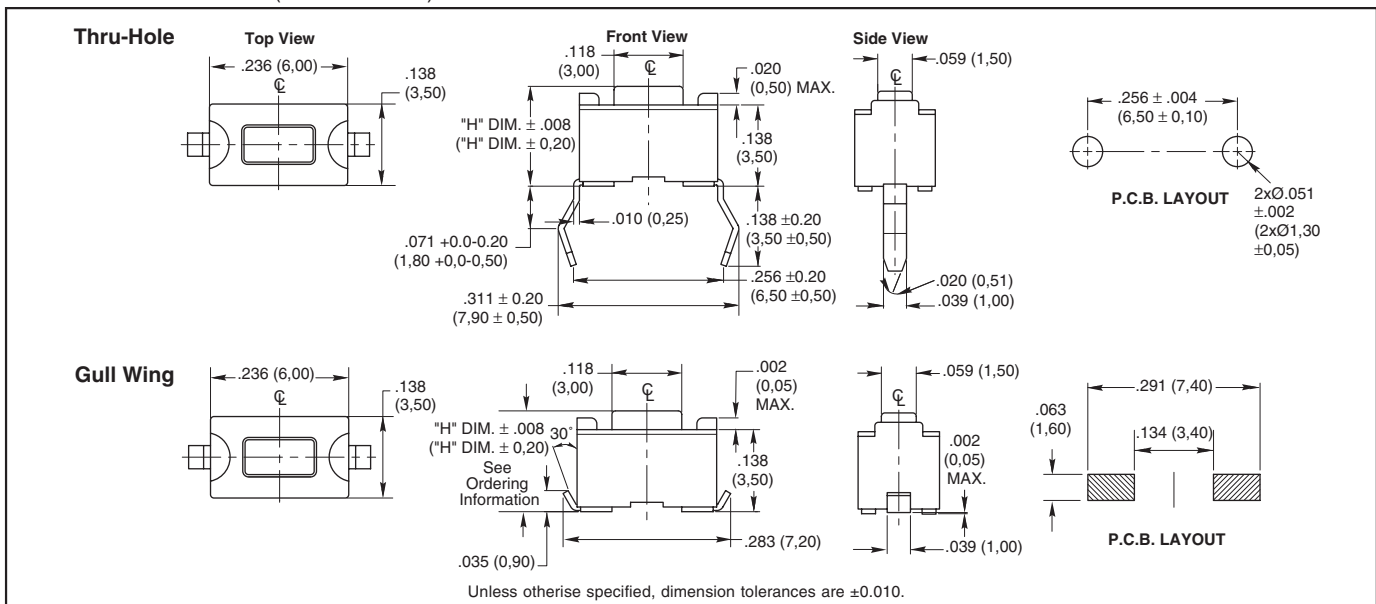


Thru-Hole, 160g,
Brown Actuator



Gull Wing, 320g,
Orange 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 m Ω max.
- Insulation Resistance:** 100 M Ω min. at 500Vdc

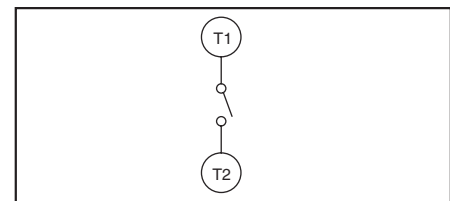
Dielectric Strength: No dielectric breakdown after 250V after one minute

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

<p>95C04A3GWRT</p>	Series
	Size: 04 = 3.5mm x 6mm
	Height ("H"): A = .169 (4,30), B = .197 (5,00)
	RoHS compliant
	Packaging: Blank = Tube, R = Tape and Reel (see pkg note)
	Terminal Style: Blank = Thru-Hole, GW = Gull Wing
	Operating Force: 3 = 160g (brown), 5 = 320g (orange)

Available from your local Grayhill Component Distributor.

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

Tact Switches