



GRAYHILL

SERIES 95C

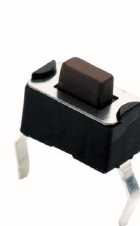
6mm x 3.5mm

FEATURES

- Excellent Tactile Feedback
- Thru-hole and Gull Wing Versions
- Surface Mount Versions Compatible with SMT Assembly Including Infra-red 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.

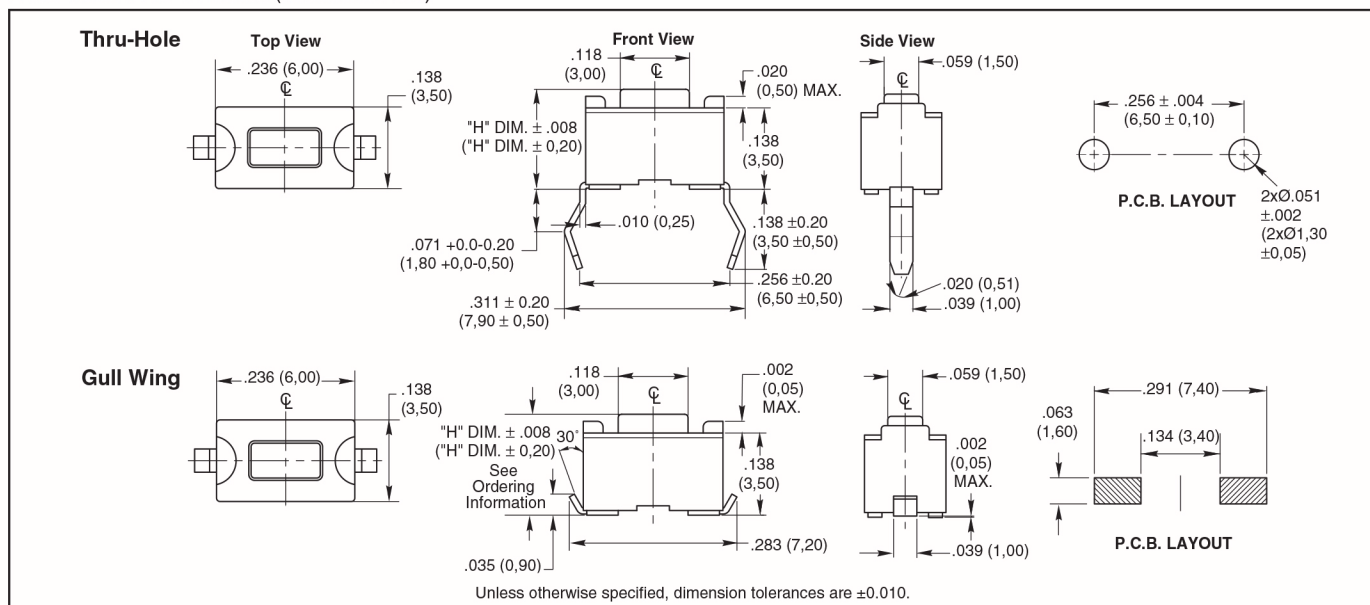


Thru-Hole, 160g, Brown Actuator



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

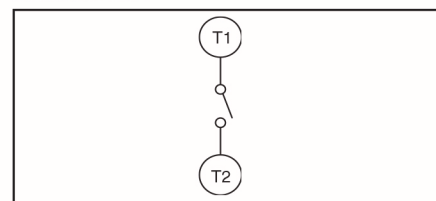
Environmental

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.

CIRCUITRY



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.

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

	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
95C04A3GWRT	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.