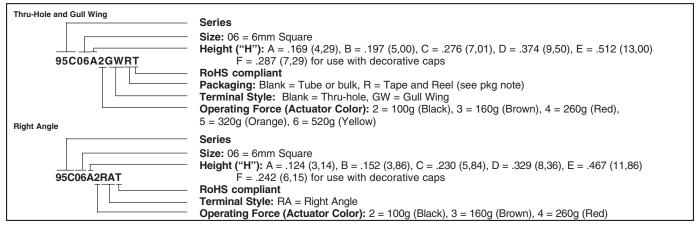


#### **ORDERING INFORMATION: Non-Washable Switches**



Packaging Thru-Hole: Bulk,1000 pcs/bag. Surface Mount: 77 pcs/tube, 1000 pcs/reel (.169" height), 900 pcs/reel (.197" height), 500 pcs/reel (.276" and .287" height), 380 pcs/reel (.374" height). Right Angle: Bulk, 1000 pcs/bag.

#### **SPECIFICATIONS:**

### Non-Washable Switches

**Materials** 

Base: UL94V-0 Nylon thermoplastic Cover: Stainless steel, tin-plated steel Actuator: UL94V-0 Nylon thermoplastic Terminal: Brass with silver-plating Contact: Stainless steel with silver-plating

Cap: Thermoplastic ABS

Electrical

Rating: 50mA, 12 Vdc

Life: 100g, 160g: 1,000,000 cycles;

260g: 500,000 cycles 320g, 520g, 300,000 cycles

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

at 500Vdc

Dielectric Strength: No dielectric breakdown

after 250V for one minute

**Contact Arrangement:** single pole, single throw

Environmental

Operating Temp. Range: -25 to 70°C Storage Temp. Range: -30 to 80°C

**Mechanical Shock:** MIL-STD-202F, Method 213B, Test Condition A. Gravity: 50G's (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. High reliability.

#### **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: 260C° (500°F) maximum for 5 seconds subject to PCB .063 in. (1,6mm) thickness.

# Available from your local Grayhill Component Distributor.

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

## **DECORATIVE CAPS** (for use with "F" style square actuators)

