

SERIES 95C

6mm Square, Non-washable

FEATURES

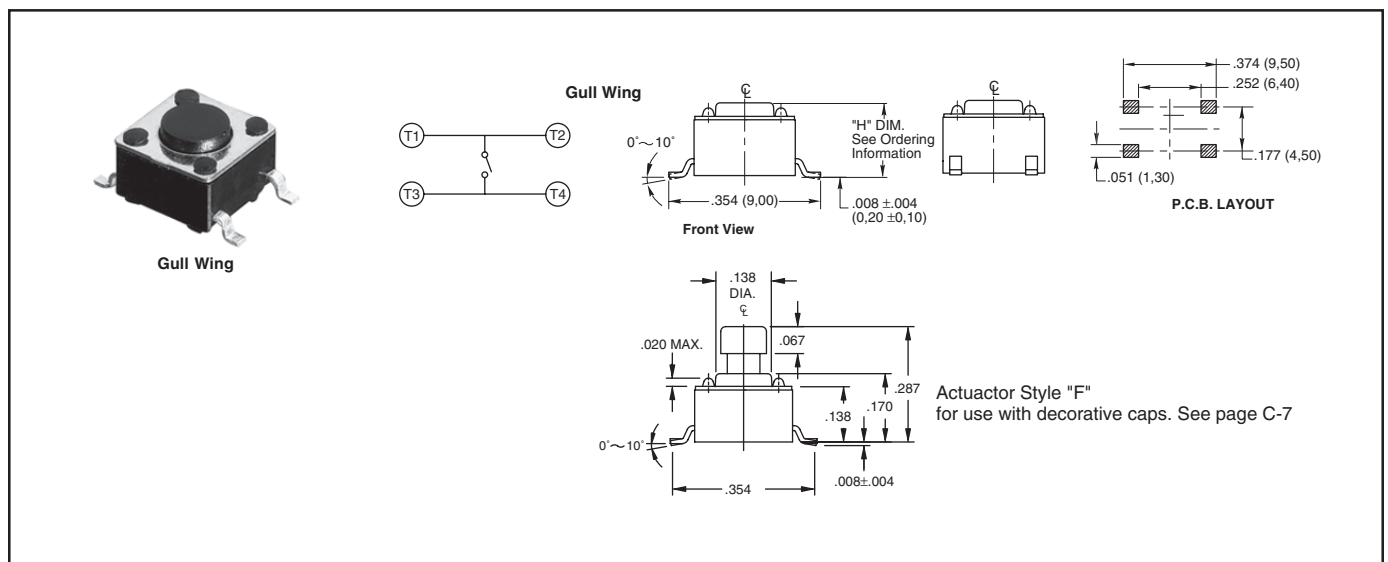
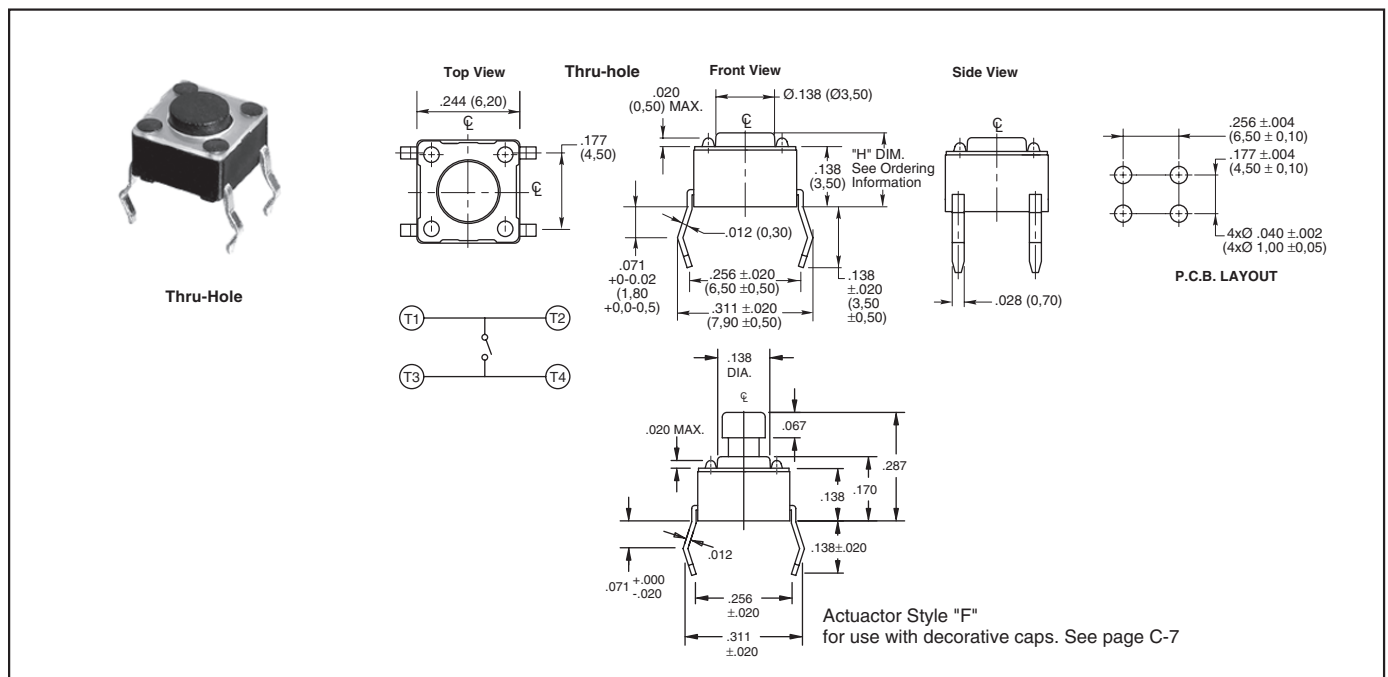
- Excellent Tactile Feedback
- Thru-hole, Gull Wings, and Right Angle Versions
- Surface Mount Versions
- Compatible with SMT Assembly Including Infrared and Vapor Phase

- Ultraminiature and Lightweight Structure Suitable for High Density Mounting

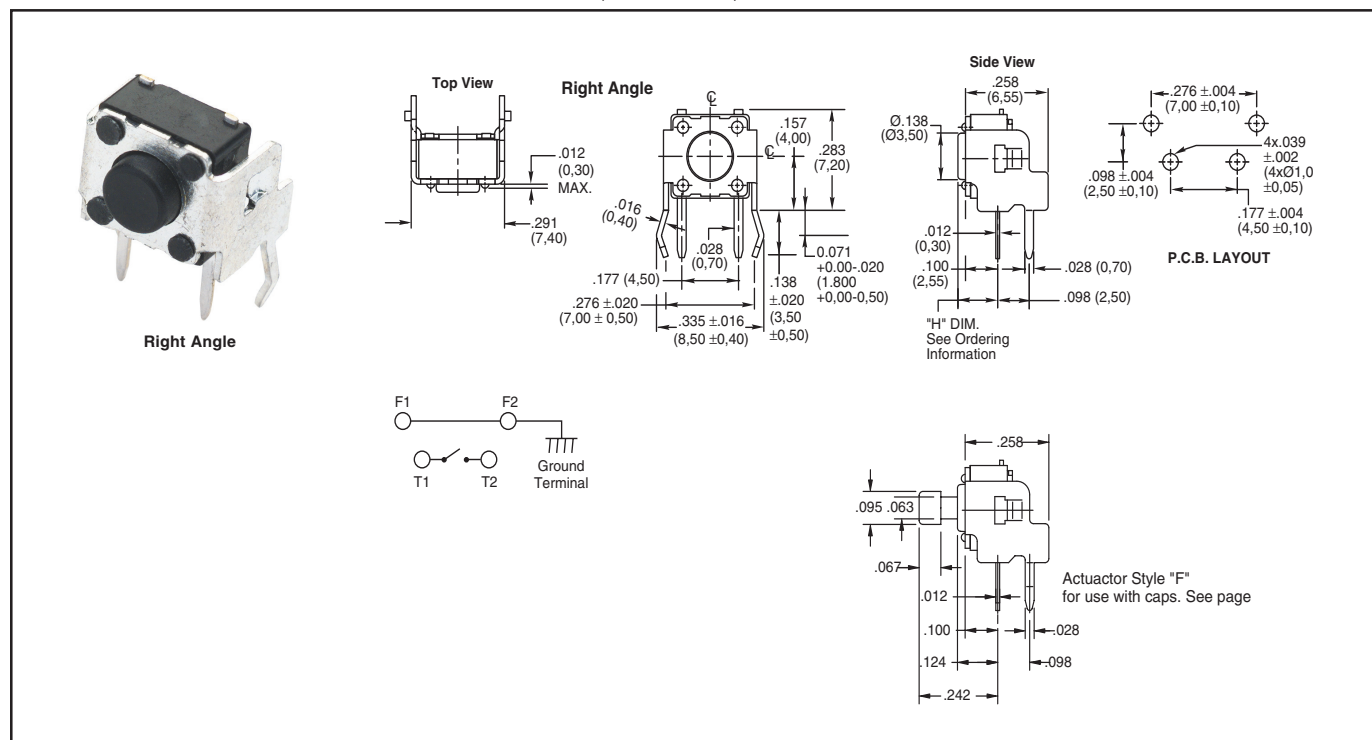
APPLICATIONS

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.

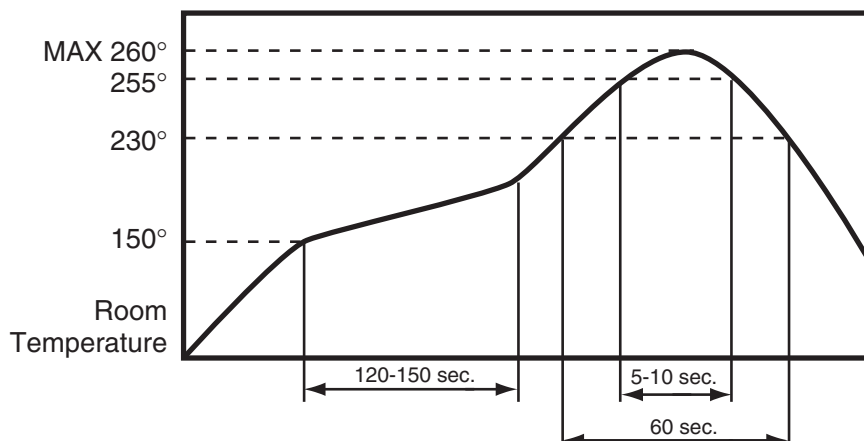
DIMENSIONS: Non-Washable Switches In inches (and millimeters)



DIMENSIONS: Non-Washable Switches In inches (and millimeters)



REFLOW TEMPERATURE PROFILE:



ORDERING INFORMATION: Non-Washable Switches

Thru-Hole and Gull Wing 95C06A2GWRT	Series Size: 06 = 6mm Square Height ("H"): A = .169 (4,29), B = .197 (5,00), C = .276 (7,01), D = .374 (9,50), E = .512 (13,00) F = .287 (7,29) for use with decorative caps RoHS compliant Packaging: Blank = Tube or bulk, R = Tape and Reel (see pkg note) Terminal Style: Blank = Thru-hole, GW = Gull Wing Operating Force (Actuator Color): 2 = 100g (Black), 3 = 160g (Brown), 4 = 260g (Red), 5 = 320g (Orange), 6 = 520g (Yellow)
Right Angle 95C06A2RAT	Series Size: 06 = 6mm Square Height ("H"): A = .124 (3,14), B = .152 (3,86), C = .230 (5,84), D = .329 (8,36), E = .467 (11,86) F = .242 (6,15) for use with decorative caps RoHS compliant Terminal Style: RA = Right Angle Operating Force (Actuator Color): 2 = 100g (Black), 3 = 160g (Brown), 4 = 260g (Red)

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" + .008" / - .004"

Contact Resistance: 100 mΩ max.

Insulation Resistance: 100 MΩ 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: 260°C° (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)

Top View: Square profile with a central rectangular feature. Section lines A-A are indicated.

Side View: Square profile with a central rectangular feature. Dimension .217 is shown for the height.

SEC "A-A": Cross-section view showing the internal structure. Dimension .157 is shown for the width, and .110 is shown for the height of the central feature.

6mm SQUARE

figure 1

Top View: Circular profile with a central rectangular feature. Section lines A-A' are indicated. Dimension .177 DIA is shown for the diameter.

Side View: Circular profile with a central rectangular feature. Dimension .217 is shown for the height.

SEC A-A': Cross-section view showing the internal structure. Dimension .110 is shown for the height of the central feature.

6mm ROUND

figure 2

PART NUMBER	SWITCH SIZE	SHAPE	COLOR	FIGURE
95CAP-000	6mm	SQUARE	YELLOW	1
95CAP-001	6mm	SQUARE	BLUE	1
95CAP-002	6mm	SQUARE	RED	1
95CAP-003	6mm	SQUARE	NATURAL	1
95CAP-004	6mm	SQUARE	BLACK	1
95CAP-005	6mm	SQUARE	GREEN	1
95CAP-006	6mm	SQUARE	ORANGE	1
95CAP-010	6mm	ROUND	YELLOW	2
95CAP-011	6mm	ROUND	BLUE	2
95CAP-012	6mm	ROUND	RED	2
95CAP-013	6mm	ROUND	NATURAL	2
95CAP-014	6mm	ROUND	BLACK	2
95CAP-015	6mm	ROUND	GREEN	2
95CAP-016	6mm	ROUND	ORANGE	2



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331