

KT Series

Right Angle Sealed Tact Switch for SMT



Features/Benefits

- High shear force with extended bracket
- Easy to pick & place with top plate tab
- Rubber or hard plastic actuator
- Press fit or snap fit caps
- IP 57
- RoHS compliant and compatible

Typical Applications

- Telecommunications
- Computer products
- Instrumentation
- Power supply

Specification

CONTACT ARRANGEMENT: SPST, N.O.
TERMINALS: Gullwing type for SMT

Electrical

CONTACT RATING: 1.0 VA max. @ 32 V AC or DC max.
ELECTRICAL & MECHANICAL LIFE: 100,000 make-and-break cycles at full load.
DIELECTRIC STRENGTH: 250 Vrms min. @ sea level.
CONTACT RESISTANCE: Below 50 mΩ typ. initial @ 2-4 V DC, 100 mA.
INSULATION RESISTANCE: 10⁹ Ω min.

Environmental

OPERATING TEMPERATURE: -40°C to 90°C

Process

SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).
DEGREE OF PROTECTION: IP57; protection against harmful dust deposits, full-scale voltage protection.

Packaging

Switches supplied in anti-static tape and reels per EIA 481-2. Tape and cover strip are conductive for use near statically sensitive components.

NOTE: Specifications listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

However, please note that all the combinations of these options are not feasible.

For any part number different from those listed above, please consult your local representative.

SWITCH



Actuator

- B0*** Soft, flush
- B1*** Soft, 0,64 mm
- B2*** Soft, 2,24 mm
- P2**** Hard, 2,36 mm
- P3**** Hard, 1,12 mm
- P4**** Hard, 3,96 mm
- S1***** ø0,1 mm for caps
- S2***** ø0,14 mm with anti-rotation

Orientation and Mounting Style

- SM** Top Gullwing
- JM** Top J Bend ****
- SAM** Right angle
- SA1M** Right angle with front solder pad
- SA2M** Right angle with front solder pad and pick & place tab
- SA3M** Right angle with pick & place tab

Contact Plating

- 4** Silver
- 5** Gold

Actuating Force

- 3** 3 N (300 grams)

Contact Plating

- LFS** RoHS compliant and compatible. Silver plated
- LFG** RoHS compliant and compatible. Gold plated

* B0, B1 & B2 available with A & A1 mounting bracket only.

** P4 available with A1 & A2 mounting bracket only.

*** S1 & S2 available with A1 & A2 mounting bracket only.

**** JM available with B0, B1, B2, P2, P3, P4 without mounting bracket.

BUTTON

To order buttons in bulk



Button Type

- 02** Press fit, ø4 mm
- 03** Snap fit, high temperature, ø8 mm

Button Color

- 90** Black
- 80** Ivory

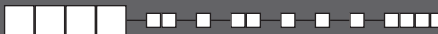


Dimensions shown in: mm (inch)
Specifications and dimensions subject to change

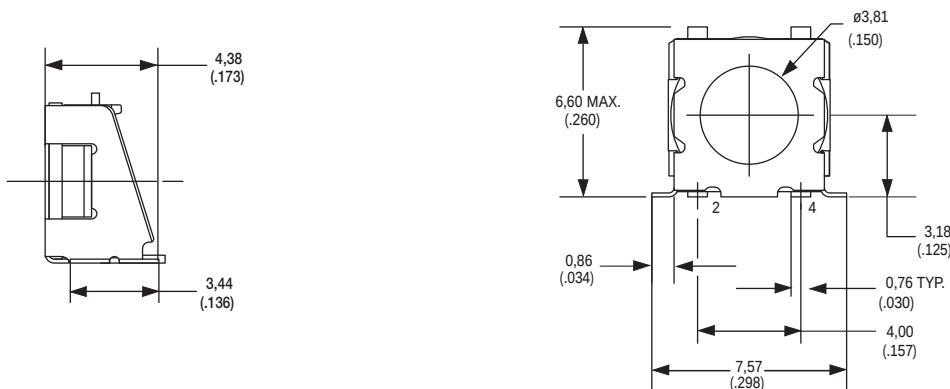
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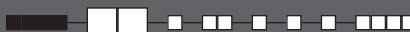
SERIES



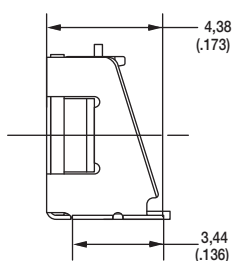
KT11



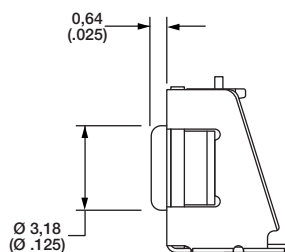
ACTUATOR



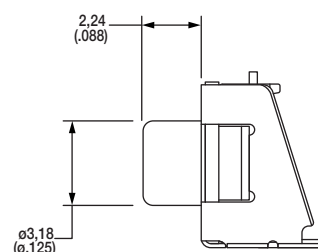
B0 SOFT, FLUSH*



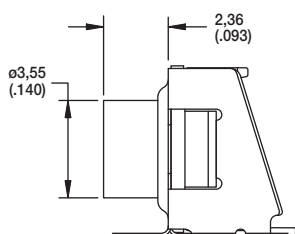
B1 SOFT, 0,64 mm*



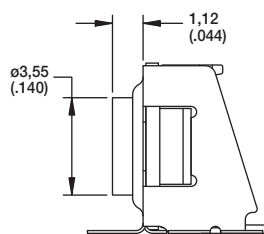
B2 SOFT, 2,24 mm*



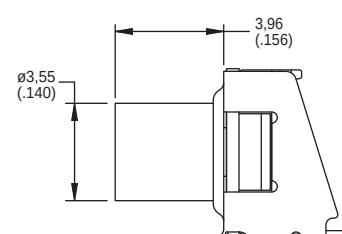
P2 HARD, 2,36 mm



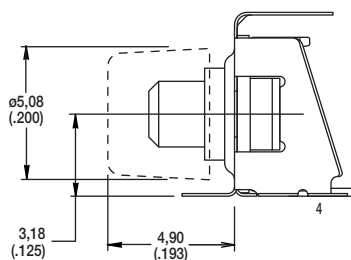
P3 HARD, 1,12 mm



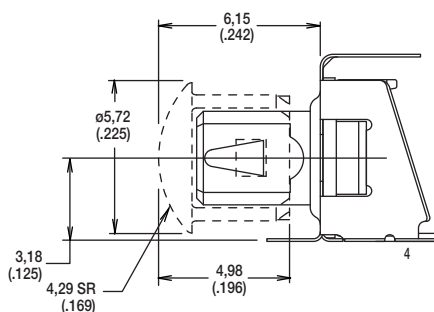
P4 HARD, 3,96 mm**



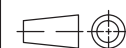
S1 Ø0,1 mm FOR PRESS FIT CAPS***



S2 Ø0,14 mm FOR SNAP FIT CAPS***



C&K



First Angle
Projection

Dimensions shown in: mm (inch)
Specifications and dimensions subject to change

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ORIENTATION & MOUNTING STYLE



SM TOP GULLWING

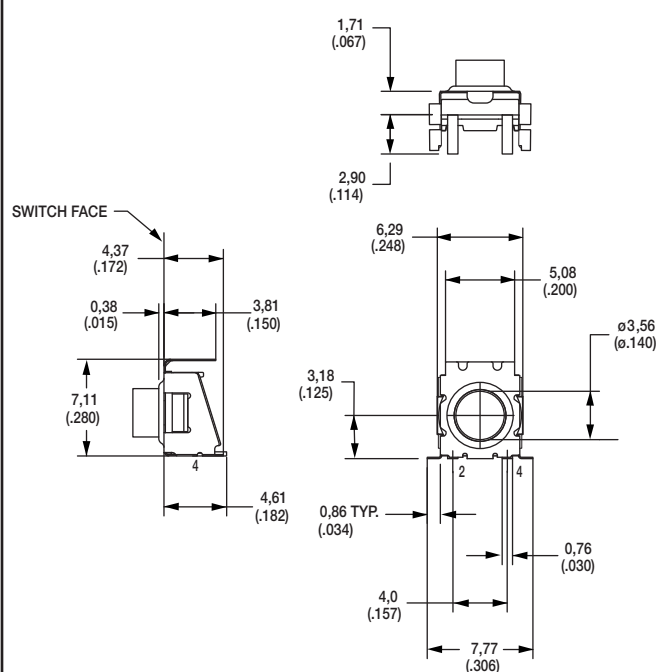
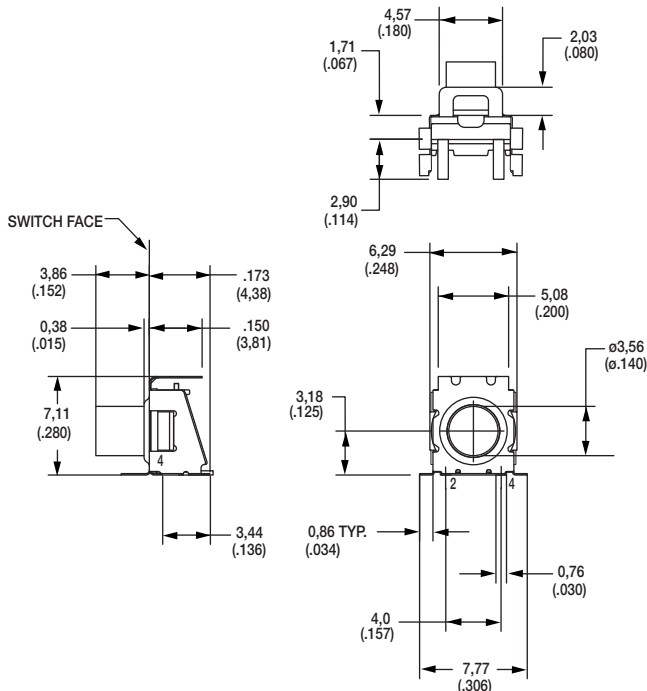
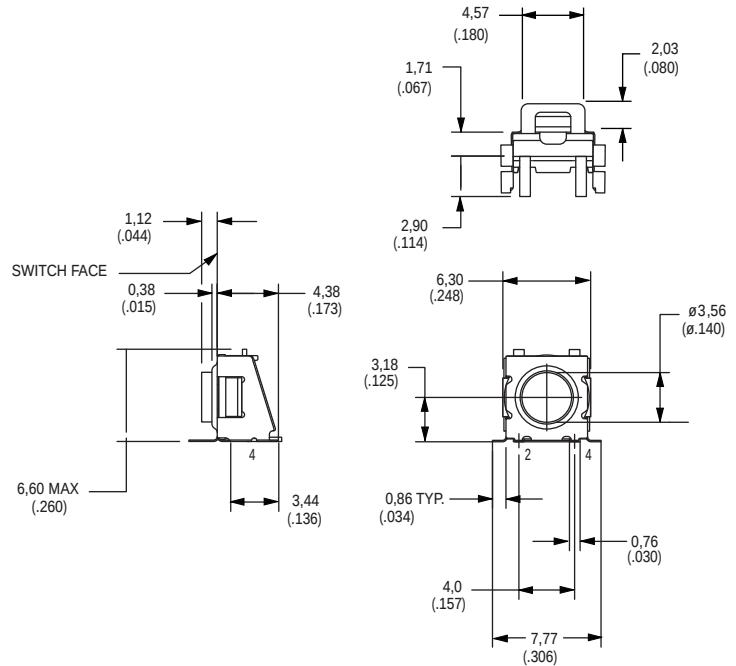
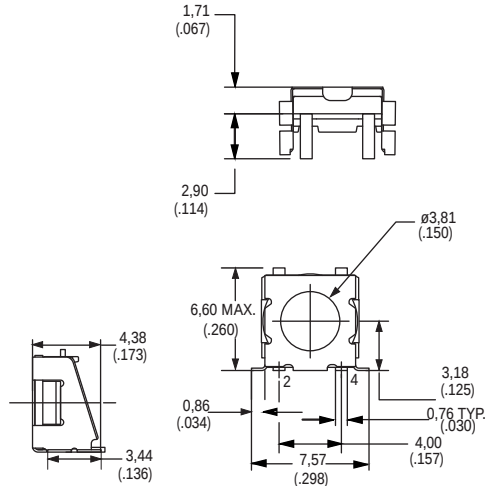
JM TOP J BEND

SAM RIGHT ANGLE

SA1M RIGHT ANGLE WITH FRONT SOLDER PAD

SA2M RIGHT ANGLE WITH FRONT SOLDER PAD AND PICK & PLACE TAB

SA3M RIGHT ANGLE WITH PICK & PLACE TAB



Dimensions shown in: mm (inch)
Specifications and dimensions subject to change

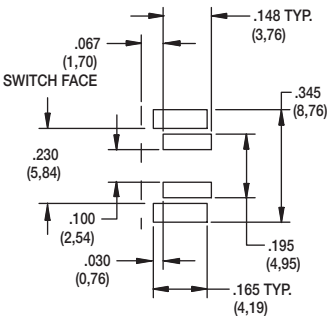
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C&K

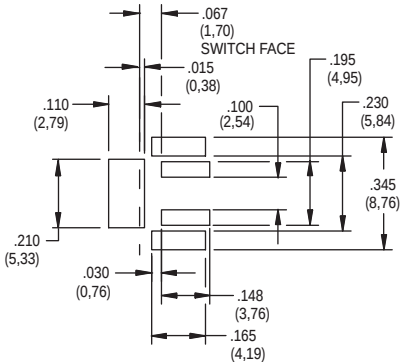
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MOUNTING BRACKET

PAD LAYOUT
SAM & SA3M MOUNTING BRACKET



PAD LAYOUT
SA1M & SA2M MOUNTING BRACKET



ACTUATING FORCE

OPTION CODE	FORCE
3	3 N (300 grams)

CONTACT PLATING

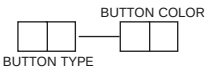
OPTION CODE	MATERIAL
4	SILVER
5	GOLD

BUTTON

BUTTON

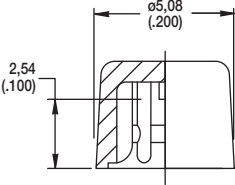
To order buttons in bulk

B	T	N	K	T	1	1
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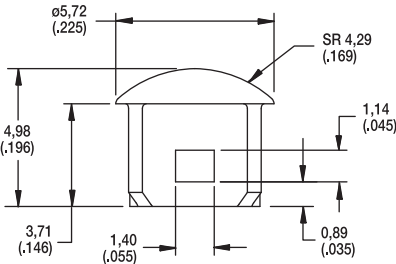


Button Type

02 PRESS FIT, Ø4 mm



03 SNAP FIT, HIGH TEMPERATURE, Ø8 mm



Button Color

OPTION CODE	BUTTON COLOR
90	BLACK
80	IVORY