

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.

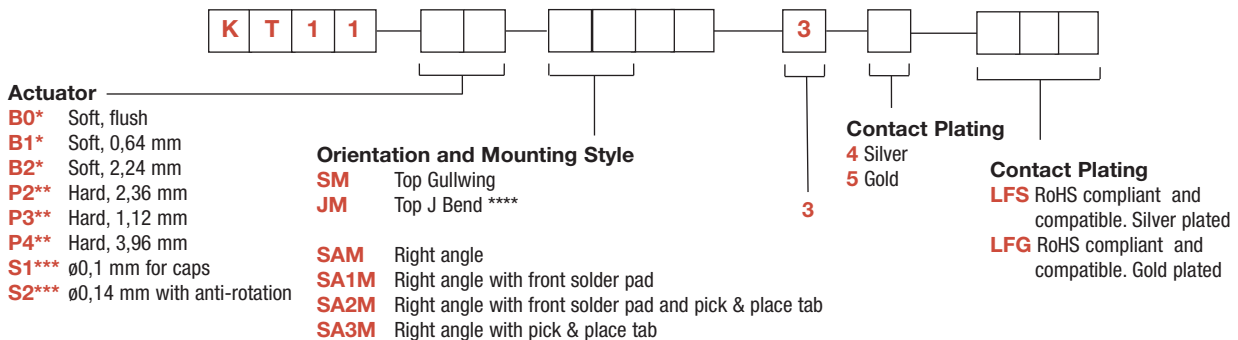
How To Order

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



* B0, B1 & B2 available with A, A1 & A3 mounting bracket only.

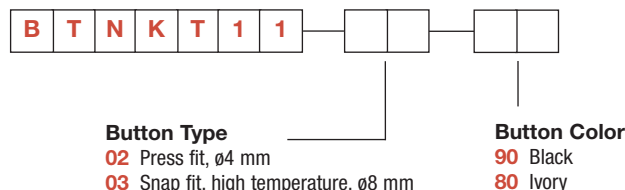
** P2, P3, P4 actuators suitable with A1 & A2 mounting bracket only.

*** 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

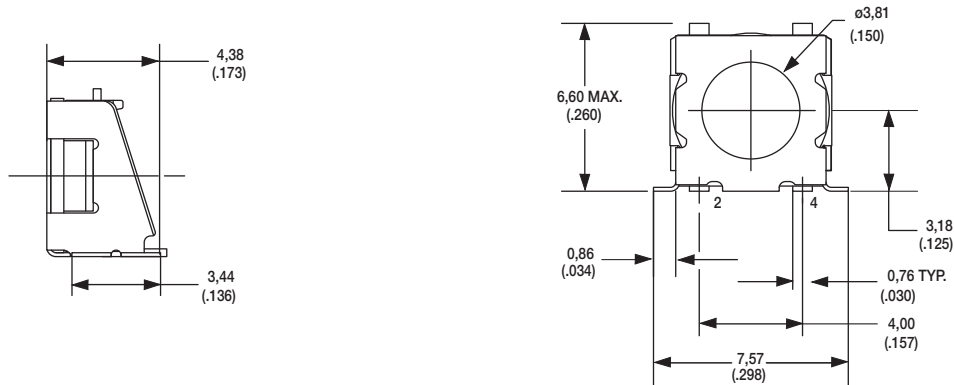


Dimensions are shown: mm (inches)
Specifications and dimensions subject to change



Tactile Switches

KT11



Technical drawing of the front view of a mechanical part. The drawing shows a rectangular base with a vertical feature on the right side. Dimensions are indicated: a horizontal dimension of 3.96 (.156) and a vertical dimension of 3.55 (.140). The vertical dimension is labeled with a diameter symbol (ø) and the value 3.55 (.140). The horizontal dimension is labeled with the value 3.96 (.156). The drawing is a line drawing with no shading.

Technical drawing of the front view of a mechanical component. The drawing shows a cylindrical part with a central hole. Dimensions are indicated: a vertical dimension of $\varnothing 5,08$ (.200) for the outer diameter, a horizontal dimension of 3,18 (.125) for the distance from the left edge to the center of the hole, and a horizontal dimension of 4,90 (.193) for the distance from the center of the hole to the right edge. A section line is shown on the right side, labeled with the number 4.



KT Series Right Angle Sealed Tact Switch

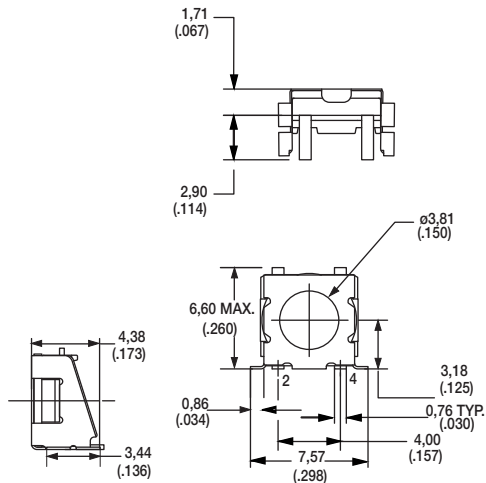
ORIENTATION & MOUNTING STYLE



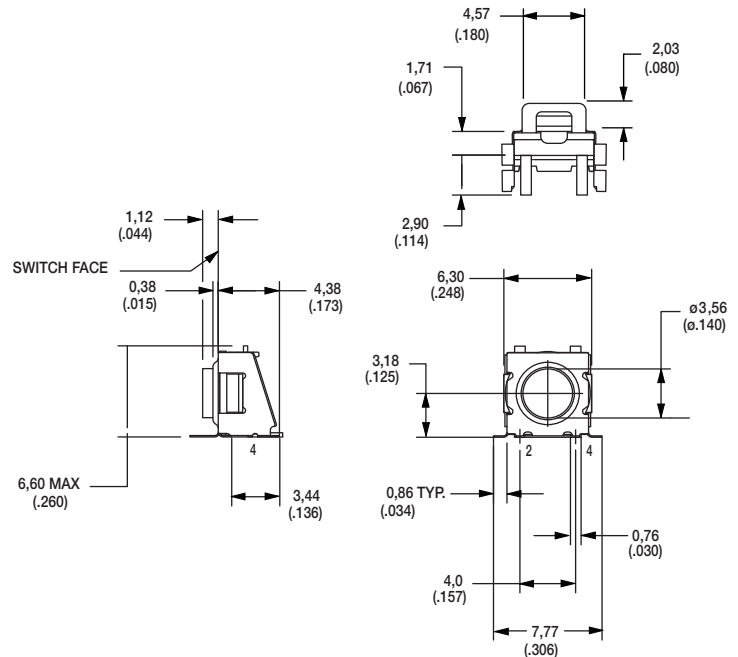
SM TOP GULLWING

JM TOP J BEND

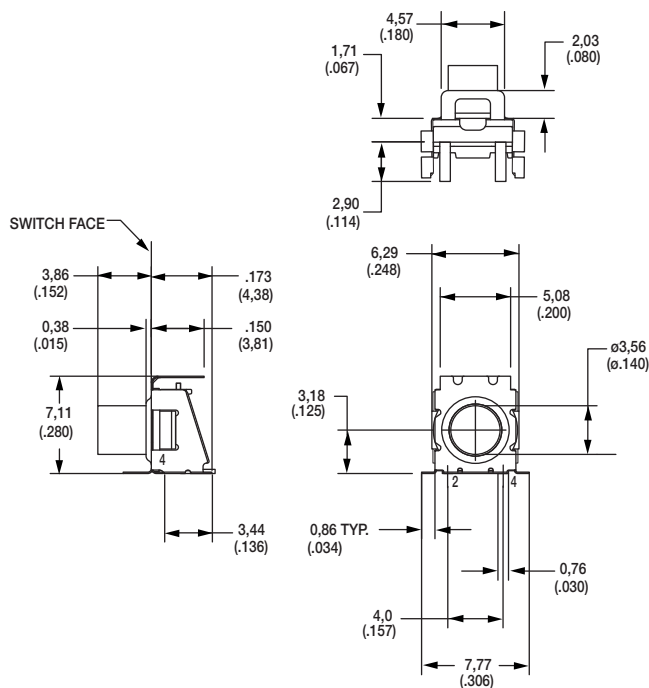
SAM RIGHT ANGLE



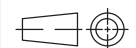
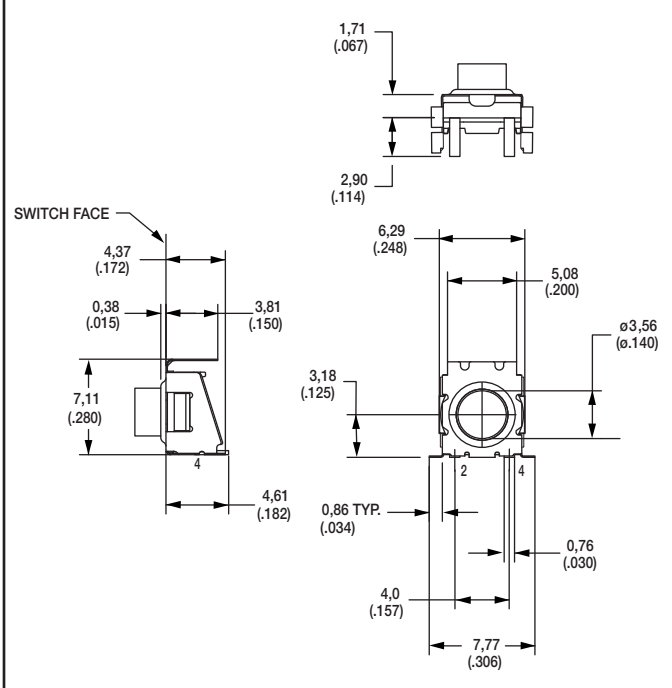
SA1M RIGHT ANGLE WITH FRONT SOLDER PAD



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



SA3M RIGHT ANGLE WITH PICK & PLACE TAB



First Angle
Projection

Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

C&K

KT Series

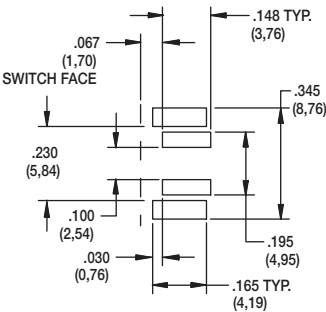
Right Angle Sealed Tact Switch

Tactile Switches

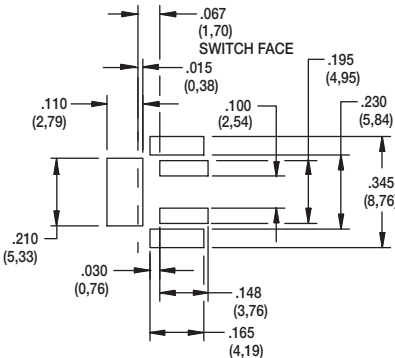
B

MOUNTING BRACKET

PAD LAYOUT
SAM & SA3M MOUNTING BRACKET



PAD LAYOUT
SA1M & SA2M MOUNTING BRACKET



CONTACT PLATING

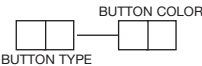
OPTION CODE	MATERIAL
4	SILVER
5	GOLD

BUTTON

BUTTON

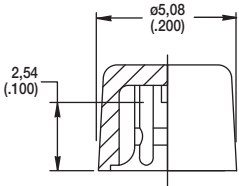
To order buttons in bulk

B	T	N	K	T	1	1
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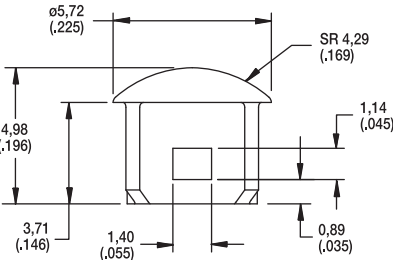


Button Type

02 PRESS FIT, Ø4 mm



03 SNAP FIT, HIGH TEMPERATURE, Ø8 mm



Button Color

OPTION CODE	BUTTON COLOR
90	BLACK
80	IVORY



Dimensions are shown: mm (inches)
Specifications and dimensions subject to change

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[KT11B1SM](#) [KT11P4SAM](#) [KT11B0JM](#) [KT11B0CM](#) [KT11B0SM](#) [KT11P2JM](#) [KT11P2SM](#) [KT11P2SA2M](#)
[KT11P2SA1M](#) [KT11B2CM](#) [KT11P3CM](#) [KT11P3SM](#) [KT11P3JM](#) [KT11P2SAM](#) [KT11P3SA1M](#) [KT11P4SA2M](#)
[KT11P4SA1M](#) [KT11B2SAM](#) [KT11B1JM](#) [KT11P3SAM](#) [KT11B2JM](#) [KT11P3SA2M](#) [KT11P4SM](#) [KT11P4CM](#)
[KT11B0SAM34 LFS](#) [KT11P2SM34 LFS](#) [KT11P4JM34 LFS](#) [KT11P4SA1M35 LFG](#) [KT11B2JM34 LFS](#) [KT11P2JM34](#)
[LFS](#) [KT1193CM](#) [KT11B0SM34LFS](#) [KT11B0JM34LFS](#) [KT11B1SM34LFS](#) [KT11B1JM34LFS](#) [KT11B1SAM34LFS](#)
[KT11B1SA1M34LFS](#) [KT11B1SA3M34LFS](#) [KT11B1JM35LFG](#) [KT11B1SAM35LFG](#) [KT11B2SM34LFS](#)
[KT11B2SAM34LFS](#) [KT11B2SAM35LFG](#) [KT11P2SA1M34LFS](#) [KT11P2SA2M34LFS](#) [KT11P2SA3M34LFS](#)
[KT11P2SA1M35LFG](#) [KT11P2SA2M35LFG](#) [KT11P2SA3M35LFG](#) [KT11P3SM34LFS](#) [KT11P3JM34LFS](#)
[KT11P3SA1M34LFS](#) [KT11P3SA2M34LFS](#) [KT11P3SA3M34LFS](#) [KT11P3SA2M35LFG](#) [KT11P3SA3M35LFG](#)
[KT11P4SM34LFS](#) [KT11P4SA1M34LFS](#) [KT11P4SA2M34LFS](#) [KT11P4SA3M34LFS](#) [KT11P4SA2M35LFG](#)
[KT11P4SA3M35LFG](#) [KT11S1SA1M34LFS](#) [KT11S1SA2M34LFS](#) [KT11S1SA3M34LFS](#) [KT11S1SA2M35LFG](#)
[KT11S2SA2M34LFS](#) [KT11S2SA2M35LFG](#) [BTNKT110390](#)