

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

Typical Applications

- Telecommunications
- Computer products
- Instrumentation
- Power supply



B

Tactile Switches

Specification

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

Electrical

CONTACT RATING: 1.0 VA max. @ 50 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.

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

Environmental

OPERATING TEMPERATURE: -40°C to 90°C

Process

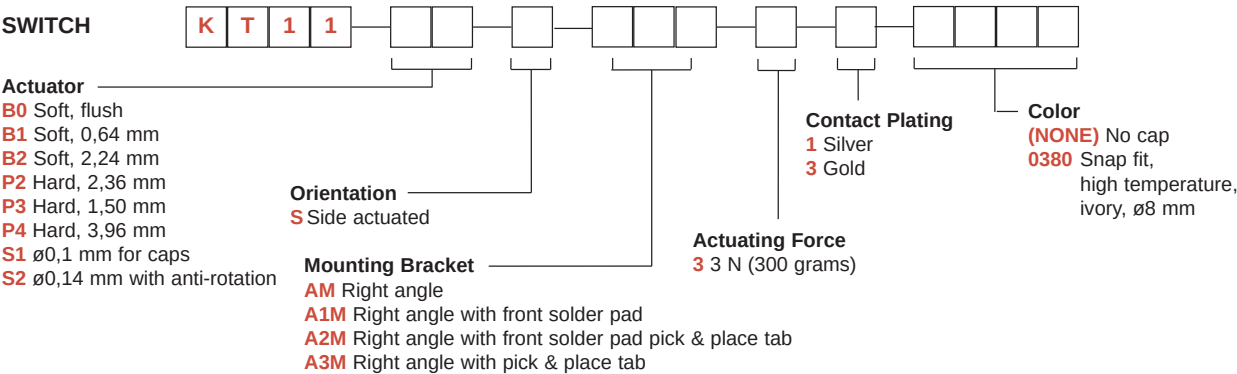
SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).
DEGREE OF PROTECTION: IP57; protection against harmful dust deposits, full-scale voltage protection, temporary immersion.

Packaging

Switches supplied in rigid dispensing tubes or anti-static tape and reels per EIA 481-2 (800 pieces per reel.). Tape and cover strip are conductive for use near statically sensitive components.

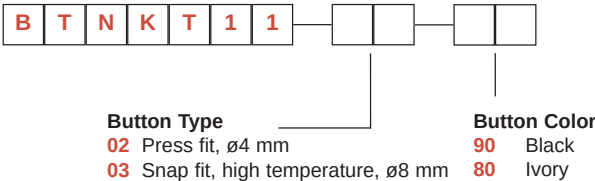
How To Order

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.



BUTTON

To order buttons in bulk

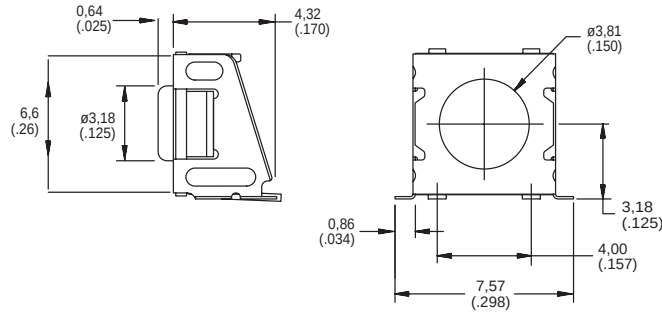


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SERIES



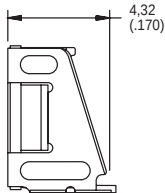
KT11



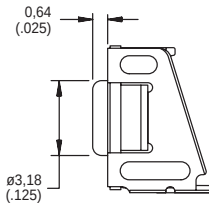
ACTUATOR



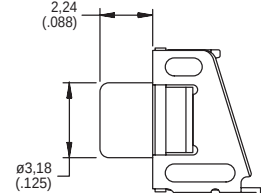
B0 SOFT, FLUSH



B1 SOFT, 0,64 mm

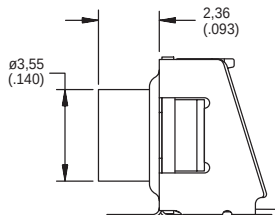


B2 SOFT, 2,24 mm

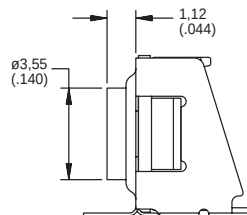


B0, B1 & B2 available with A & A1 mounting bracket only.

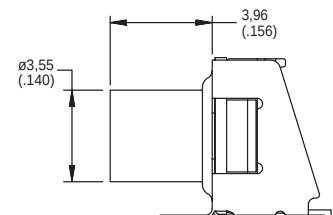
P2 HARD, 2,36 mm



P3 HARD, 1,50 mm

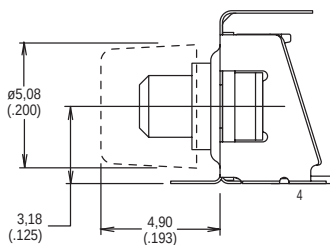


P4 HARD, 3,96 mm

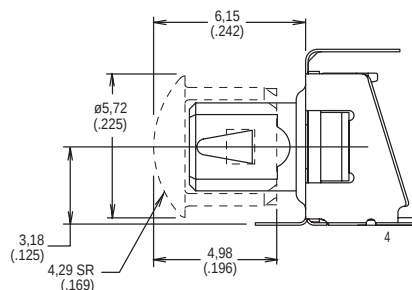


P4 recommended with A1 & A2 mounting bracket only.

S1 $\varnothing 0,1$ mm FOR PRESS FIT CAPS



S2 $\varnothing 0,14$ mm FOR SNAP FIT CAPS



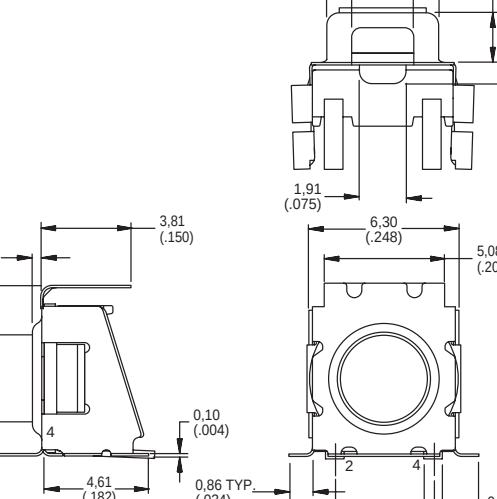
S1 & S2 preferred with A1 & A2 mounting bracket only.



Dimensions are shown: mm (inch)
Dimensions subject to change

ORIENTATION

MOUNTING BRACKET ■■■■■■



Technical drawings of the 1000 Series 1/2" (12.7mm) High Pressure Die Casting Machine, showing three views with dimensions in inches and millimeters.

Top View:

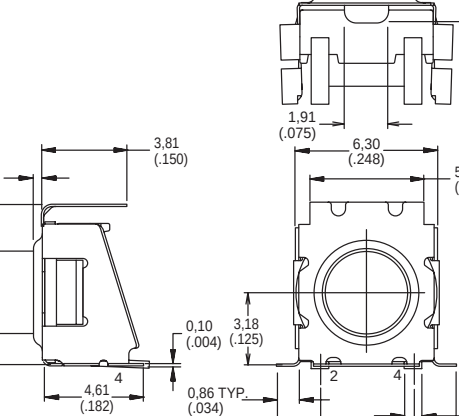
- Overall width: 6.30 (.248)
- Overall height: 5.08 (.200)
- Distance from left edge to centerline: 1.91 (.075)
- Distance from right edge to centerline: 1.91 (.075)
- Distance from top edge to centerline: 2.03 (.080)
- Distance from bottom edge to centerline: 2.03 (.080)
- Distance from left edge to right edge: 4.57 (.180)
- Distance from right edge to centerline: 0.86 (.034)

Front View:

- Overall width: 7.77 (.306)
- Overall height: 7.11 (.280)
- Distance from left edge to centerline: 3.81 (.150)
- Distance from right edge to centerline: 3.81 (.150)
- Distance from top edge to centerline: 0.38 (.015)
- Distance from bottom edge to centerline: 0.38 (.015)
- Distance from left edge to right edge: 4.61 (.182)
- Distance from right edge to centerline: 0.10 (.004)
- Distance from left edge to centerline: 0.86 TYP (.034)
- Distance from right edge to centerline: 0.86 TYP (.034)
- Distance from top edge to centerline: 4.01 (.158)
- Distance from bottom edge to centerline: 4.01 (.158)

Side View:

- Overall width: 4.57 (.180)
- Overall height: 5.08 (.200)
- Distance from left edge to centerline: 1.91 (.075)
- Distance from right edge to centerline: 1.91 (.075)
- Distance from top edge to centerline: 2.03 (.080)
- Distance from bottom edge to centerline: 2.03 (.080)
- Distance from left edge to right edge: 4.57 (.180)
- Distance from right edge to centerline: 0.86 (.034)



Technical drawings of the 1000 Series 1/2" (12.7mm) High Pressure Die Casting Machine, showing side and front views with dimensions in inches and millimeters.

Side View Dimensions:

- Overall height: 7.11 (280)
- Top flange thickness: 0.38 (.015)
- Top flange width: 3.81 (.150)
- Base width: 4
- Base thickness: 0.10 (.004)
- Base mounting hole diameter: 0.86 TYP (.034)
- Base mounting hole offset: 4.61 (.182)

Front View Dimensions:

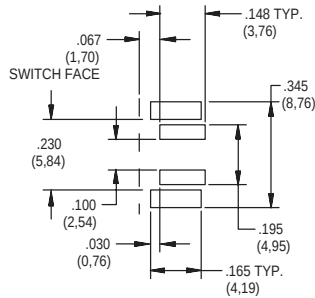
- Overall width: 6.30 (.248)
- Overall height: 5.08 (.200)
- Top flange thickness: 0.86 (.034)
- Top flange width: 1.91 (.075)
- Base width: 7.77 (.306)
- Base thickness: 0.76 (.030)
- Base mounting hole diameter: 3.18 (.125)
- Base mounting hole offset: 4.01 (.158)
- Base mounting hole offset: 2
- Base mounting hole offset: 4



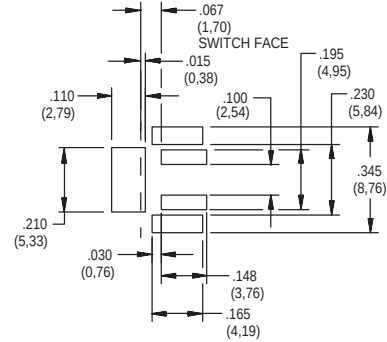
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MOUNTING BRACKET

PAD LAYOUT
AM & A3M Mounting Bracket



PAD LAYOUT
A1M & A2M Mounting Bracket



ACTUATING FORCE

OPTION CODE	FORCE
3	3 N (300 grams)

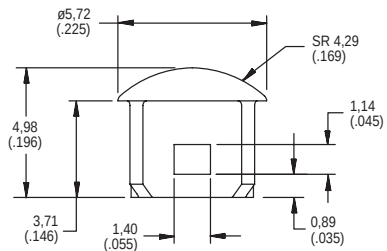
CONTACT PLATING

OPTION CODE	MATERIAL
1	SILVER
3	GOLD

BUTTON

(NONE) NO BUTTON

0380 SNAP FIT, HIGH TEMPERATURE, ivory, Ø8 mm

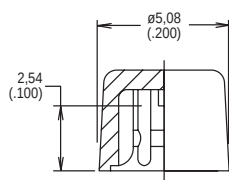


BUTTON

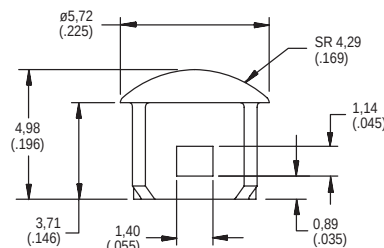
To order buttons in bulk

Button Type

02 PRESS FIT, Ø4 mm



03 SNAP FIT, HIGH TEMPERATURE, Ø8 mm



Button Color

OPTION CODE	BUTTON COLOR
90	BLACK
80	IVORY

