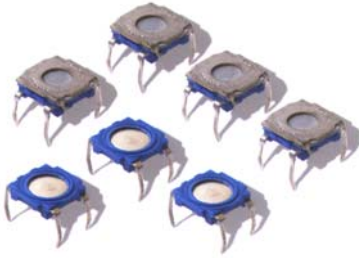


KSB and KSF Low-Profile Tact Switch



KSB

KSB is an economical version, without actuator, protected against flux, especially recommended for low profile key-boards. See drawing for recommended shape of actuator. Also available with 3 Newtons (300 grams) actuation force.

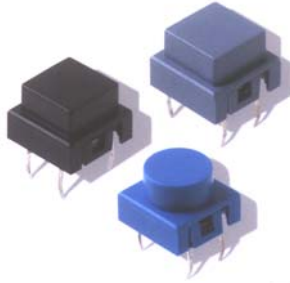
KSF

Flat miniature tact switch, single pole, single throw, normally open versions, of the KS family, designed for automatic or manual insertion.

Main features:

- Operating force 1.6 or 3 or 5N (160 or 300 or 500 grams) \pm 25%. For gold version, operating force must be increased by 0.3N (30 grams)
- Positive tactile feedback
- Travel 0.3 (0.0118) $\frac{-0.4}{-0.2}$
- 5.08 \times 7.62 mm (0.200 \times 0.300) footprint
- Thickness 2.6 mm (0.102)
- Available with cambered terminals to ensure self-retention on the printed circuit board in manual insertion, or with straight terminals for use in automatic insertion machines
- Minimum center to center spacing of 7.62 \times 10.16 mm (0.300 \times 0.400)
- Sealed against flux soldering
- Can be delivered either in tubes of 65 pieces for automatic insertion, or in boxes of 500 pieces for manual insertion
- Optional: ground terminal
- Snap-in square button 10 \times 10 mm (0.394 \times 0.394), height 5.6 mm (0.220) above PC board.

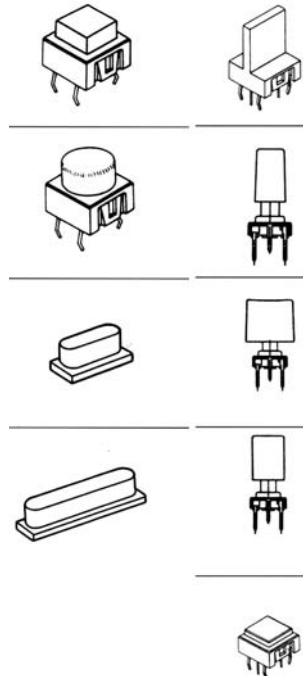
KSA Buttons



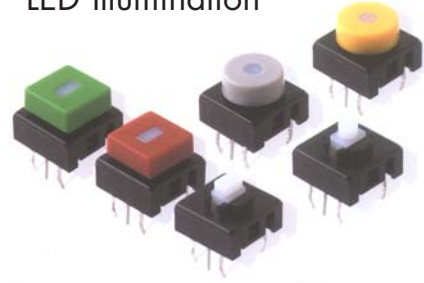
Notes:

1. KSA buttons must be ordered separately and will be supplied bulk.
2. All buttons must be mounted after wave soldering.
3. **Snap-on button:** Precautions need to be taken on the mounting of the snap mounted button on the KSA: see pictures on the right.
 - First apply pressure on the closing catch.
 - Then press slantwise in order to insert the second catch.
4. **Free floating mounted buttons:**
 - **Single:** style K03
 - **Double:** style K04
 This type of button is to be retained by a frame and the KSA.
5. **Button legending:** upon request.

Note: In case our customers prefer to manufacture their own buttons, a dimension greater than 3.5 must be applied on KSA's actuator.



KSD Tact Switch with LED Illumination



KSD is a tact switch in the KS family with LED indication.

This tact switch can be either:

- With round light guide \varnothing 2.5 mm (0.0984)
- Or with rectangular light guide 3.5 \times 2 mm (0.138 \times 0.0787)

Or equipped with buttons:

- Round or square button (ordering code see next page)
- KSD buttons are delivered separately
- LED specifications:
 - Direct current: 20 mA
 - Reverse voltage: 4 V
 - Luminosity:
 - red: 8.8 mcd
 - green: 4.3 mcd
 - yellow: 4.5 mcd
- Minimum pitch on PCB: 10.16 \times 10.16 mm (0.400 \times 0.400) and PC board terminals are 5.08 \times 7.62 mm (0.200 \times 0.300)
- Available with cambered terminals to ensure self-retention on the PCB during wave soldering

