

## KSI Tact Switch with Soft Actuator



The KSI with soft actuator is a miniature tact switch using the single pole normally open contact of the KSA family and equipped with a silicone actuator. This new version is designed for all types of applications where a more distinctive tactile effect is required with an actuating force of 3N (300 grams) or 1.1N (110 grams).

### Main applications

Automotive, computer mouse, automation ...

### Main features

- Electrical data similar to the KSA
- Switching travel: 3N version: 1.1 mm (0.043) and 1.1N version: 0.4 mm (0.016)
- Total travel: 1.45 mm (0.057)
- Actuation force: 3N (300 grams) or 1.1N (110 grams)
- Actuation force increased of 0.3N (30 grams) for gold contacts
- Sealed against flux
- Salt mist resistance: 96 hours
- Delivered in boxes of 500 pieces

### Option

- Ground terminal

## KSJ Tact Switch with Spherical Actuator



The KSJ long travel is a miniature tact switch using the single pole normally open contact of the KSA family and is equipped with a spherical actuator. This new version is specially designed for all types of applications where:

- The actuation force can be off center  $\pm 30^\circ$  with regard to vertical and even be parallel to the PCB.
- A long overtravel is required.

### Main features

- Range of actuation force off center  $\pm 30^\circ$  with regard to vertical
- Switching travel: 0.4 mm (0.0157)
- Total travel: 1.6 mm (0.063)
- Actuation force either: 3N (300 grams) or 1 N (100 grams)
- Tin plated terminals
- Sealed against flux
- Salt mist resistance: 96 hours
- Actuation force increased of 0.3N (30 grams) for gold contacts
- Delivered in boxes of 500 pieces

## KSC Tact Switch for SMT



### KSC

Miniature tact switch designed to be surface mounted (SMT) on PCB, single pole, normally open contact.

Available in 4 versions:

- KSC1: without actuator
- KSC2: with short soft actuator
- KSC3: with short hard actuator
- KSC4: with long soft actuator
- KSC5: with rocker option  
See page 6
- KSC6: with long, soft actuation

### Main features

- With or without actuator
- Positive tactile feedback
- Operating force from 1.1N (110 grams) to 5.5N (550 grams)
- Typical travel from 0.3 mm (0.118) to 0.75 mm (0.295)
- Tin plated terminals for easy soldering
- Gullwing or J-type terminals
- Adapted to the main soldering methods of surface mounted components (SMT)
- This product is totally washable and sealed according to EIA – RS-448-2 test and IP 67 (dust tight, protected against the effects of immersion in water)
- Compatible with the major pick-and-place machines
- Delivered in thermoformed tape and reels of 2000 pieces, KSC4 of 1000 pieces, KSC5 of 1000 pieces and KSC6 of 750 pieces

### Note: Identification

- The 4th and 5th digits of KSC code are stamped on the metallic top plate
- The other characteristics of the code can actually be seen on the product.

Example



2 = 1.6N (160 grams)  
and 200 k operations

1 = temperature – 40°C to + 85°C