# KSC3 Series

## Sealed Tactile Switch for SMT 6.2 x 6.2 mm, with 3.5 mm Height Hard Actuator



## Description

The KSC3 series sealed tactile switches for SMT are designed for small applications and products. Their positive adaptable tactile feeling is perfect for industrial, automotive and consumer applications, such as mobile phones and car door handles. KSC3 switches are IP67 rated, 3.5mm high hard actuator tactile switches.

## Features & Benefits

- Positive adaptable tactile feeling
- Hard actuator 3.5mm high
- IP67

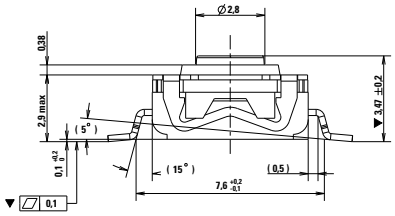
## Applications

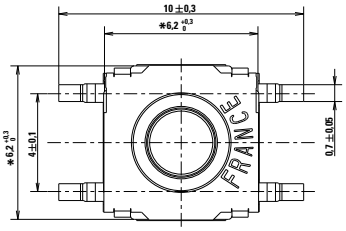
- Industrial electronics
- Consumer products
- Transportation
- Medical

### Specifications

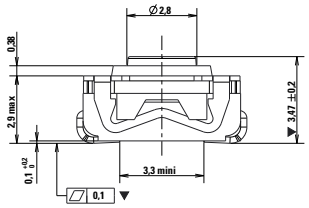
| | |
|---|---|
| **Function** | Momentary action |
| **Contact Arrangement** | 1 make contact = SPST, N.O. |
| **Terminals** | J bend & Gullwing type for SMT |
| **Sealing** | IP67 |
| **Packaging** | Switches delivered on continuous tape & reels of 2,000 pieces<br>Dimensions according to EIA RS-481/ IEC 60286-3 standard<br>External diameter 330 ± 2 mm |

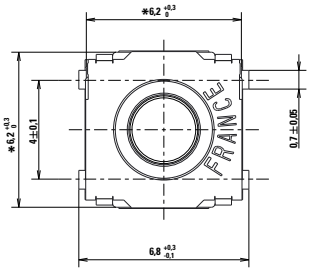
### Dimensions (mm) J Termination




### Dimensions (mm) G Termination






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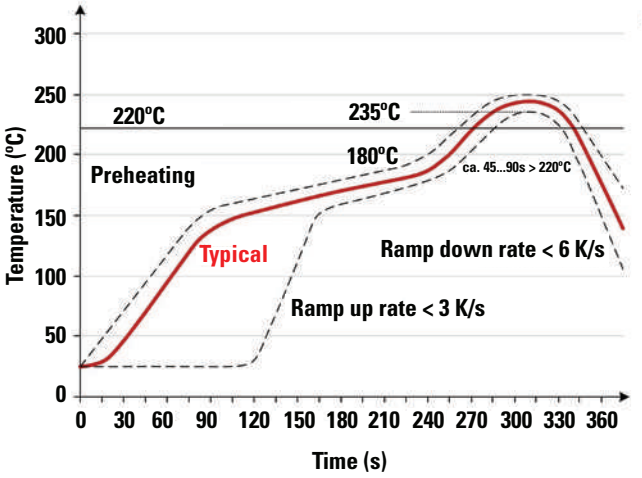
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### Mechanical Characteristics

| Part # | Operating Force FA (Newtons) | Operating Life (operations) | Travel (mm) |
|---|---|---|---|
| KSC321 | 2 ± 0.4 | 300,000 | 0.2 + 0.3/- 0 |
| KSC341 | 3 ± 0.75 | 300,000 | 0.2 + 0.3/- 0 |
| KSC351 | 5 ± 1 | 100,000 | 0.25 + 0.3/- 0 |

### Soldering Profile

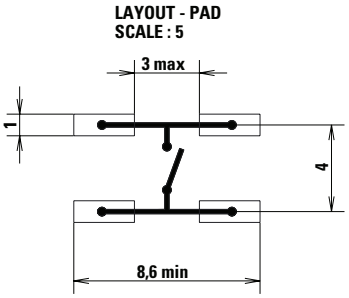


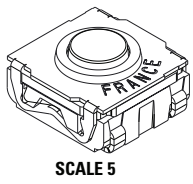

**Note:** Up to 2 reflow cycles in accordance with the above temperature profile

Soldering process: Depending on the application, this component is suited to the following methods:

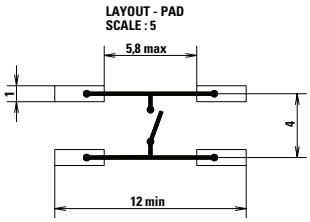
- Terminals being silver or gold plated over a nickel barrier, the use of slightly activated flux is suitable.
- Lead free soldering process in accordance with the definition on the left.

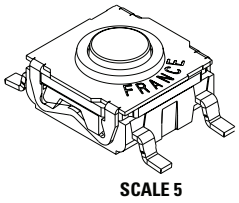
### J Terminations (mm)




### G Terminations (mm)



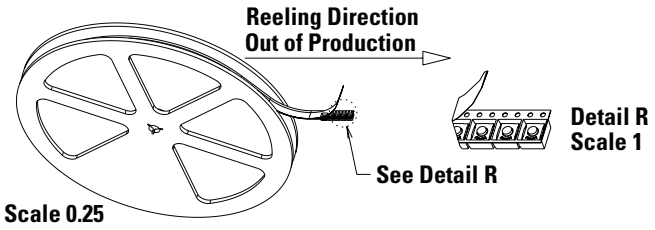






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### Tape & Reel




### Packaging Details

| | |
|---|---|
| **Type** | Tape & reel |
| **Number of Parts in Packaging** | 2,000 |
| **Other Information** | Tape and reel per EIA 481 |
| **Transport Conditions** | According to specification NF H00-060 |

### Ordering Number

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.

**KSC3 - x - x - x - x**

**Operating Force**
**2:** 2 N (200 grams)
**4:** 3 N (300 grams)
**5:** 5 N (500 grams)

**Contact Material**
**1:** Silver
**3:** Gold

**Termination**
**J:** J Bend
**G:** Gullwing

**LFS:** Lead free compatible, silver plated
**LFG:** Lead free compatible, gold plated

### Liability Limitation

This datasheet does not provide enough information for applications that require a certain level of quality or safety such as automotive, medical systems, or safety equipement. Please contact customer service for the contractual specification package.

**Disclaimer Notice -** Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at http://www.littelfuse.com/disclaimer-electronics.



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