

KSH Series

Soft Feeling High Tactile SMT Top Actuated

Features/Benefits

- 6.3 x 6.3 x 5.0 mm footprint
- Low contact resistance
- High number of cycles
- 2 or 4 pin PCB layout

Typical Applications

- Automotive Interior
- Car AV equipment
- Electronic musical instrument



Tactile Switches

B

Specifications

FUNCTION: momentary action
 CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
 TERMINALS: J type for SMT
 TRAVEL: 1.3 ± 0.2 mm

Mechanical

Part Number	Operating Force (N)	Operating Life (operations)
KSH X11J 50 LFS	1.6 ± 0.5	200,000
KSH X21J 50 LFS	2.0 ± 0.6	200,000
KSH X31J 50 LFS	2.5 ± 0.8	200,000
KSH X41J 50 LFS	3.0 ± 1.0	200,000
KSH X51J 50 LFS	3.5 ± 1.2	100,000

Electrical

MAXIMUM / MINIMUM VOLTAGE: 12 VDC / 2 VDC
 MAXIMUM / MINIMUM CURRENT DC: 50 mA / 10 µA
 DIELECTRIC STRENGTH: 250 VA C (1mn)
 CONTACT RESISTANCE: ≤ 100 mΩ
 INSULATION RESISTANCE: ≥ 100 MΩ
 BOUNCE TIME: ≤ 10 ms

Environmental

OPERATING TEMPERATURE: -40°C to 90°C

Process

SOLDERING: This component is suited to the following methods:
 Infrared Reflow Soldering in accordance with IEC61760-1

Packaging

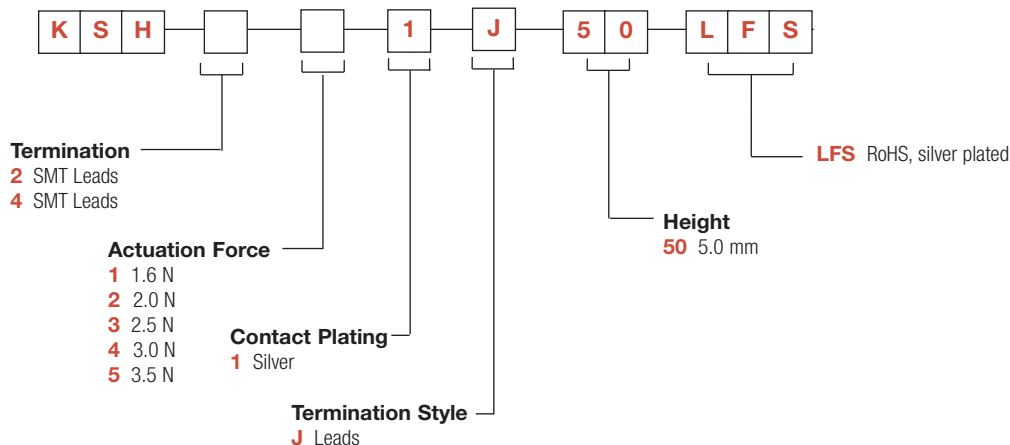
In reels of 1,000 pieces
 Dimensions of reels according to EIA 481B
 External diameter 330 mm

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.

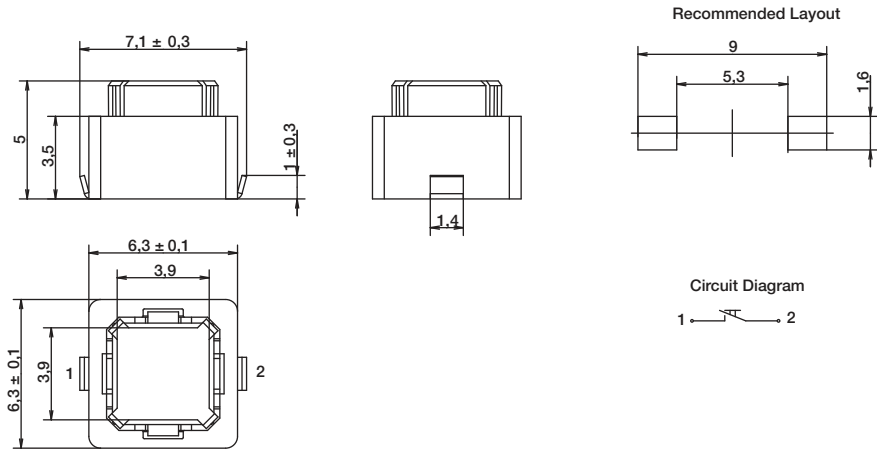
For any part number different from those listed above, please consult your local representative.



Dimensions are shown: mm
 Specifications and dimensions subject to change

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KSH2



KSH4

