

KSH Series

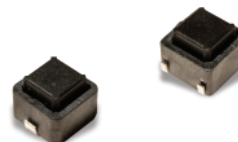
Soft Feeling High Tactile SMT Top Actuated

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



B

Tactile Switches

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

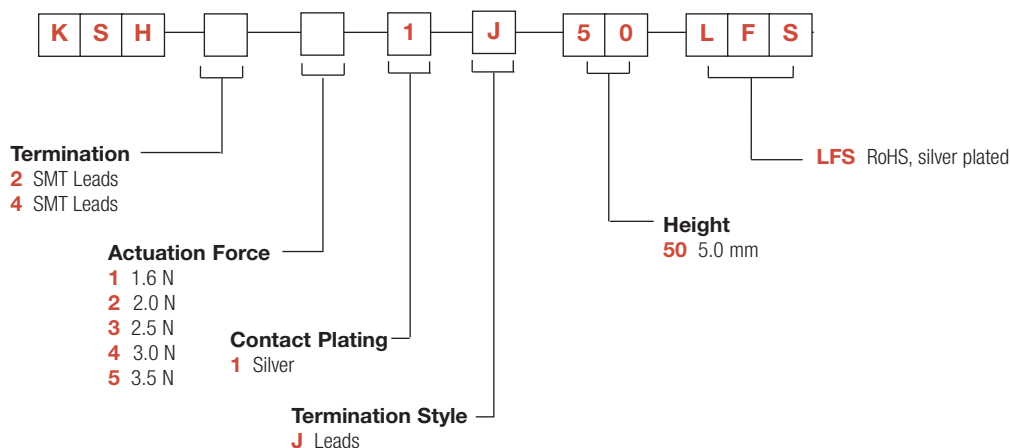
In reels of 1,000 pieces
Dimensions of reels according to EIA 481B
External diameter 330 mm

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.

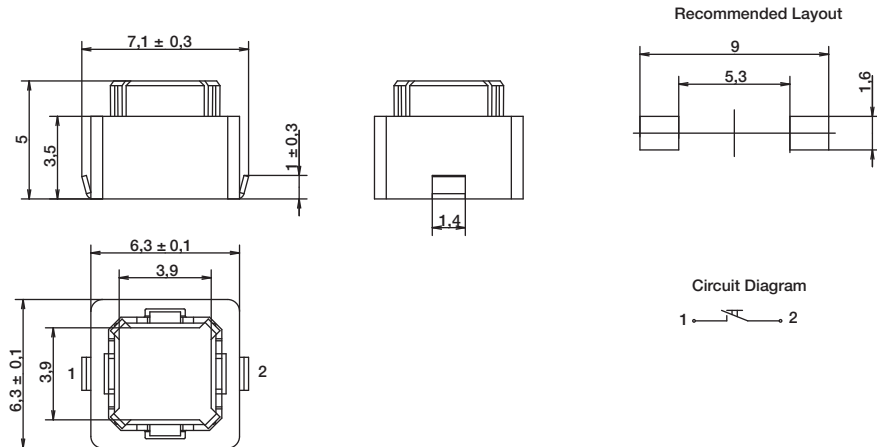
For any part number different from those listed above, please consult your local representative.



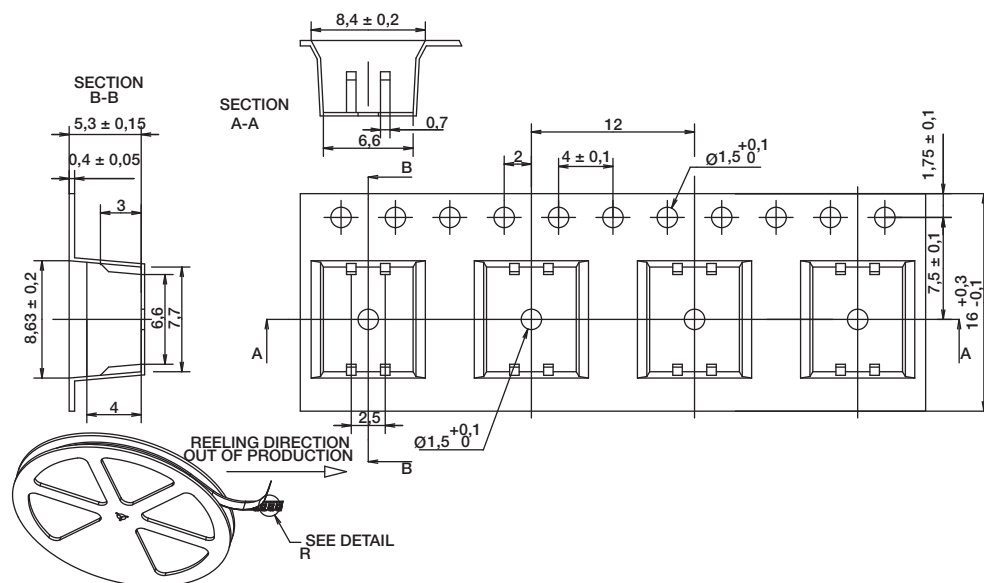
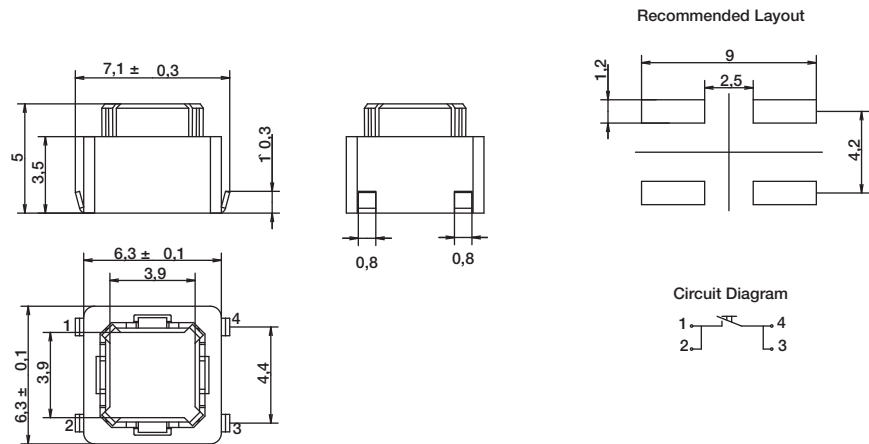
KSH Series

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KSH2



KSH4



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[Ksh441j 50 Lfs](#) [Ksh251j 50 Lfs](#) [Ksh421j 50 Lfs](#) [Ksh431j 50 Lfs](#) [Ksh451j 50 Lfs](#) [Ksh211j 50 Lfs](#) [Ksh411j 50 Lfs](#)
[Ksh231j 50 Lfs](#) [Ksh221j 50 Lfs](#) [Ksh241j 50 Lfs](#)