

KSC9 Series SMD Sealed Tact Switch for Adjustable Height

NEW!

Features/Benefits

- SMD switch
- Adjustable height with buttons
- Overload resistance
- Tape & reel
- IP 67

Typical Applications

- Industrial electronics
- Network equipment
- Telecommunications



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Tactile Switches

Specification

FUNCTION: momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.
TERMINALS: J bend or Gullwing type for SMT
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.

Mechanical

Type	Force (N)	Operating Life (operations)	Travel (mm)
KSC921J LFS	1.7 ± 0.5	300,000	0.4 ± 0.2
KSC931J LFS	2.55 ± 0.65	300,000	0.4 ± 0.2
KSC941J LFS	3.4 ± 0.85	300,000	0.4 ± 0.2

BUTTON INSETION OVERLOAD: 40N

BUTTON RETENTION FORCE: 7N min between -40°C/+85°C

Electrical

	Silver	Gold
MAXIMUM POWER:	1 VA	0.2 VA
MAXIMUM VOLTAGE:	32 VDC	32 VDC
MINIMUM VOLTAGE:	20 mV	20 mV
MAXIMUM CURRENT:	50 mA	10 mA
MINIMUM CURRENT:	1 mA	1 mA

DIELECTRIC STRENGTH (50 Hz, 1 min.): > 250 Vrms

CONTACT RESISTANCE: < 100 mΩ

INSULATION RESISTANCE (100 V initial stage): > 10⁹ Ω

BOUNCE TIME: < 1 ms

Environmental

	Silver	Gold
OPERATING TEMPERATURE:	-40°C to 85°C	-40°C to 125°C
STORAGE TEMPERATURE:	-55°C to 85°C	-55°C to 125°C

Process

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

- Cleaning according to typical washing processes.
 - Infrared Reflow Soldering in accordance with IEC 61760-1.
- MSL level: 1

Packaging

In reels of 750 pieces.

Dimensions of reels according to EIA RS481 or IEC 2863.

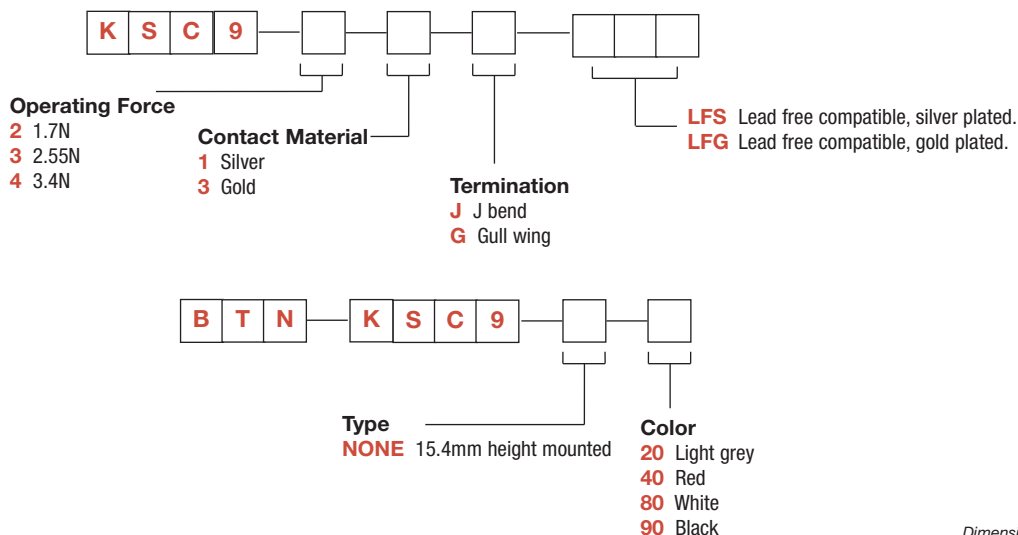
External diameter 330 mm ± 2 mm.

NOTE: This product is designed and manufactured for general electronic devices. For systems where reliability and safety are required, please contact your sales representative to secure product integration and function to secure usage.

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.



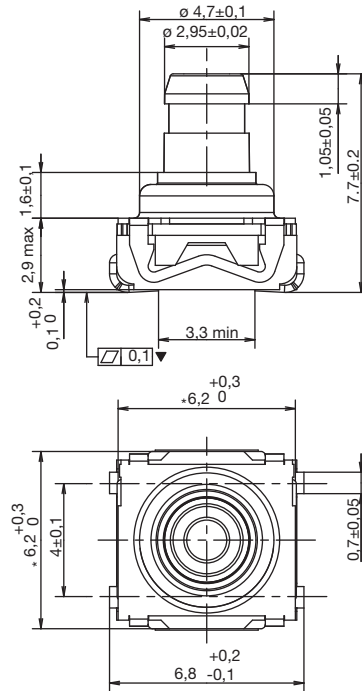
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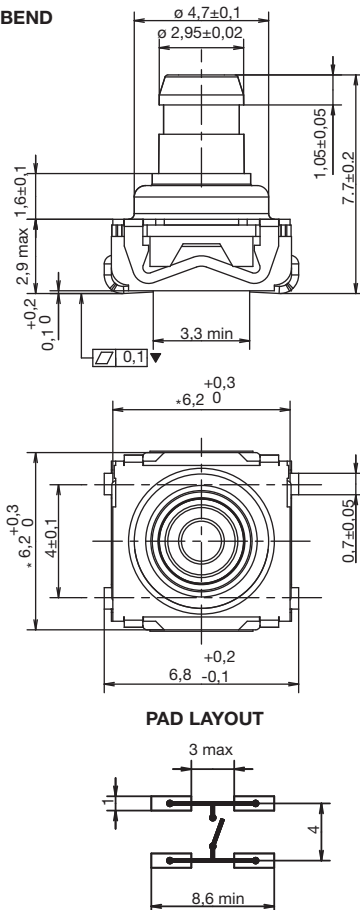
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Tactile Switches

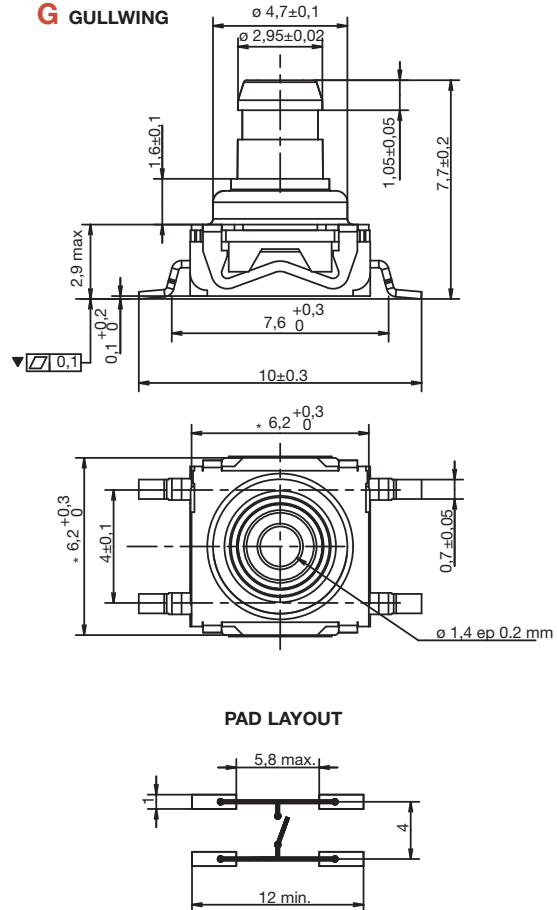


TERMINATION

J J BEND



G GULLWING



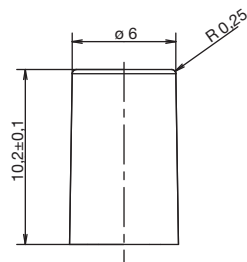
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Dimensions are shown: mm
Specifications and dimensions subject to change

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NEW!



SWITCH WITH CAP

Technical drawing of a mechanical part showing three views: a top view, a front view, and a side view. The top view shows a rectangular plate with three circular holes and a central rectangular feature. The front view shows the profile of the plate with a 15-degree angle. The side view shows the thickness of the plate and the depth of the holes. Dimensions are given in millimeters with tolerances in parentheses.

Top View Dimensions:

- Overall width: 160.3 (+0.0/-0.0) (630.012)
- Overall height: 105.02 (+0.0/-0.0) (413.008/-0.000)
- Distance between hole centers: 120.0 (+0.0/-0.0) (472)
- Distance from hole center to edge: 20.05 (+0.004/-0.000) (079.002)
- Hole diameter: $\phi 15.5 (+0.1/-0.0)$ (059.004/-0.000)
- Central rectangular feature width: 4.0 (+0.0/-0.0) (157)
- Central rectangular feature height: 20.05 (+0.004/-0.000) (079.002)

Front View Dimensions:

- Overall height: 160.3 (+0.0/-0.0) (630.012)
- Distance from top edge to hole center: 7.5 (+0.0/-0.0) (295)
- Distance from hole center to bottom edge: 17.5 (+0.0/-0.0) (688)
- Angle: 15°

Side View Dimensions:

- Overall width: 160.3 (+0.0/-0.0) (630.012)
- Distance from left edge to hole center: 7.5 (+0.0/-0.0) (295)
- Distance from hole center to right edge: 17.5 (+0.0/-0.0) (688)
- Angle: 15°



Direction of feed