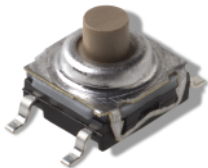


KSC5 Series

Tact Switch with Rocker Option for SMT

Tactile Switches

B



Features/Benefits

- Can be actuated from either side or top
- Silver or Gold plated terminals
- Compatible with automatic insertion machines
- IP 50
- RoHS compliant

Typical Applications

- Automotive
- Computers
- Instrumentation

Specification

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

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 V	
CONTACT RESISTANCE:	< 100 mΩ	
INSULATION RESISTANCE (100 V):	> 10 ⁹ Ω	
BOUNCE TIME:	< 1 ms	

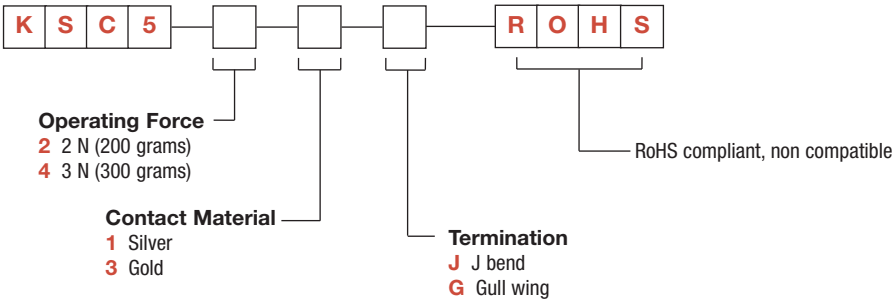
Mechanical

Type	Operating force axial FA N (grams) ±25%	Operating force lateral FL N (grams) ±30%	Travel to make axial (mm)	Travel to make lateral (mm)	Life expectancy cycles, axial	Life expectancy cycles, lateral
KSC521G	1,5 - 2,5	1,2 - 2,6	0,25 ± 0,15	0,5 ± 0,25	100,000	10,000
KSC541G	2,25 - 3,75	1,8 - 3,8	0,25 ± 0,15	0,5 ± 0,25	100,000	10,000

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.

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.



B

J J BEND



Technical drawing of a three-chambered die casting mold. The drawing includes the following dimensions and features:

- Overall Dimensions:**
 - Length: 10.6 ± 0.1 (.417)
 - Width: 16.0 ± 0.3 (.630 ± .012)
- Chamber Dimensions:**
 - Chamber width: 3.0 ± 0.03 (.118)
 - Chamber height: 7.5 ± 0.1 (.285)
- Spacing and Positioning:**
 - Distance between chamber centers: 6.6 ± 0.05 (.260)
 - Distance from outer edge to first chamber center: 2.4 ± 0.1 (.094)
 - Distance between top holes: 2 ± 0.05 (.079 ± .002)
 - Distance between bottom holes: 4 ± 0.05 (.157)
- Hole Dimensions:**
 - Top hole diameter: $\phi 1.5 \pm 0.1 / -0.0$ (.059 ± .004 / -.000)
 - Bottom hole diameter: $\phi 2.0 \pm 0.1$ (.079 ± .004)
- Other Features:**
 - Radius: $R 0.9$ (.035)
 - Thickness: 0.4 ± 0.03 (.016 ± .001)
- Direction of Feed:** Indicated by a large arrow pointing to the right.

Dimensions are shown: mm (inches)
Specifications and dimensions subject to change