KSJ Series Spherical Actuator Tact Switches

Features/Benefits

- Spherical actuator allows actuation force off center ± 30° with regard to vertical
- Total travel 1.2 mm
- Sealed against flux
- RoHS compliant and compatible

Typical Applications

- Automotive
- · Cranes, off road, railway
- Factory automation
- Security systems





Specification

FUNCTION: Momentary action

CONTACT ARRANGEMENT: 1 make contact = SPST, N.O. DISTANCE BETWEEN BUTTON CENTERS (min.): 7.62 (0.300)

TERMINALS: PC pins

Environmental

Silver

Gold

OPERATING TEMPERATURE: STORAGE TEMPERATURE:

-40°C to 90°C -40°C to 90°C -40°C to 125°C -55°C to 125°C

Packaging

Delivered in boxes of 500 pieces.

Mechanical

		Operating life	Operating life	
Type	Actuation force	(operations)	(operations)	Travel to
	N (grams)	axial	radial	make
KSJ0M21160SH	1,5 - 2,5	100,000	30,000	0.7 ± 0.25
KSJ0M41180SH	2,25 - 3,75	100,000	30,000	0,55 ± 0,25

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	50 mA
MINIMUM CURRENT:	1 mA	1 mA

DIELECTRIC STRENGTH (50 Hz, 1 min.): ≥ 300 Vrms

CONTACT RESISTANCE: ≤100mOhms INSULATION RESISTANCE (100V): > 109 ohms

DOUBLE TIME 1 1000). > 10 OIII

BOUNCE TIME: < 1 ms

Process

Wave soldering, compatible with lead free soldering profile.

NOTE: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

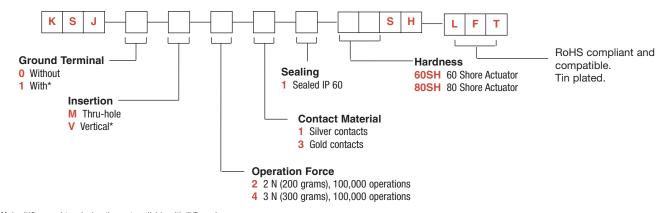
* Please contact your C&K representative for any question regarding the product intergration.

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.

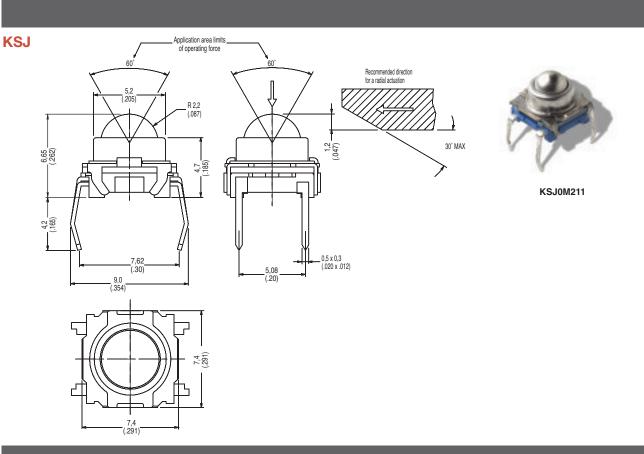
However, please note that all the combinations of these options are not feasible.

For any part number different from those listed in the table above, please consult your local represenative.

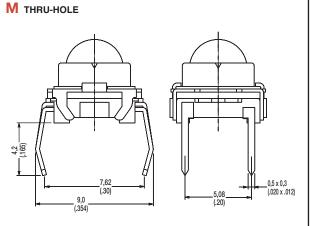


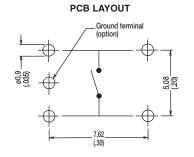
*Note: "1" ground terminal option not available with "V" version. The bracket for the "V" version plays this role.

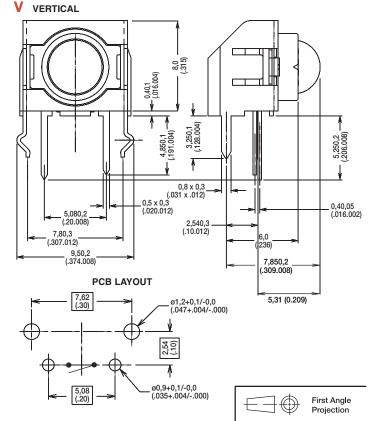




INSERTION









Dimensions shown in: mm (inch) Specifications and dimensions subject to change