

KSJ D Series

Spherical Actuator Detect Switches



Description

The KSJ D series spherical actuator detect switch is a sealed switch, compliant with the IP60 regulations. Used by designers in the automotive, industrial electronics and computer infrastructure/IT industries, the spherical actuator of KSJ switches allows actuation of plus or minus 30 degrees. These switches are made for high travel – and are available with either a straight or vertical detect, or top or side actuation, helping them to fit any design.

Features & Benefits

- Straight or vertical detect
- Top or side actuation
- Spherical actuator allows actuation +/- 30°
- High travel
- Adapted for cam actuation
- Sealing IP60

Applications

- Automotive
- Industrial electronics
- Computer infrastructure and IT

Specifications

Function	Momentary action
Contact Arrangement	1 make contact = SPST, N.O.
Terminals	PC pins compatible with permanent actuation

Electrical Characteristics

	Silver	Gold
Max. Power	1 VA	0.2 VA
Min./Max. Voltage	1 - 32 VDC	
Min./Max. Current	10mA-50mA	1mA-10mA
Dielectric Strength (50 hz, 1 min.)	≥ 250 V	
Contact Resistance	≤ 100 mΩ	
Insulation Resistance	(100 V): ≥ 10 ⁹ Ω	
Bounce Time	≤ 1 ms	

Environmental Characteristics

	Silver	Gold
Operating Temperature	-40°C to 85°C	-40°C to 125°C
Storage Temperature	-40°C to 85°C	-55°C to 125°C

Process

Soldering	Wave Soldering, compatible with lead free soldering
Packaging	In boxes of 250 pieces

Mechanical Characteristics

Type	Maximum Force at Total Travel (gF)	Operating life (operations)	Travel (mm)
KSJ0VD1860-SHLFTR	6.0 (600)	100,000	0.50 ± 0.25
KSJ0MD1860-SHLFTR			

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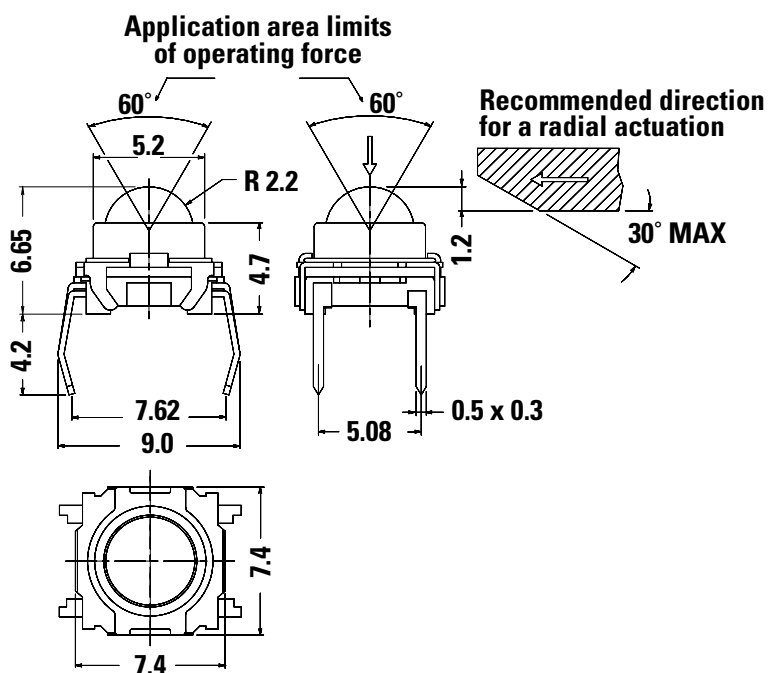


Ordering Number

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.



Dimensions (mm)

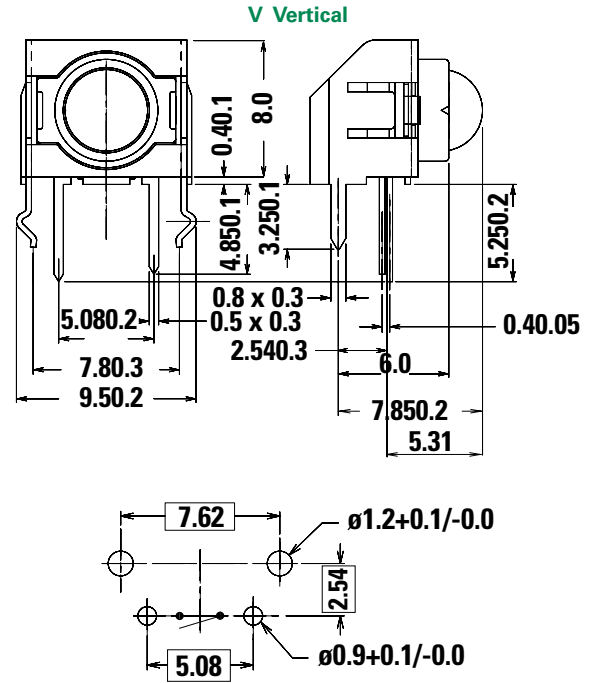
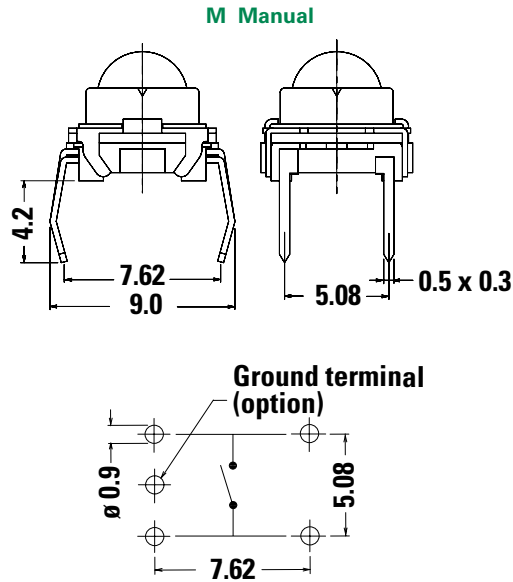


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Insertion



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