

# KSR2D/M Series

## Subminiature Detect Switch for SMT



### Features/Benefits

- Gold contacts
- G terminations
- Soft actuator
- RoHS compliant and compatible

### Typical Applications

- Automotive
- Industrial electronics
- Medical equipment
- Detector switch applications

### Specification

FUNCTION: momentary action  
CONTACT ARRANGEMENT: N.O.  
TERMINALS: Gullwing type for SMT

| Type         | Operating force<br>Newtons | Operating life<br>(operations) | Travel (mm) |
|--------------|----------------------------|--------------------------------|-------------|
| KSR2D3MG LFG | 1,5 ± 0,5N                 | 100,000                        | 0,3 ± 0,15  |
| KSR2M3G LFG  | 0,8 ± 0,4N                 | 100,000                        | 0,19 ± 0,11 |

### Packaging

Switches are delivered on continuous tape, in reels of 2,500 pieces.  
For information on specific and custom switches, consult Customer Service Center.

### Electrical

Gold  
MAXIMUM POWER: 0.2 VA  
MAXIMUM VOLTAGE: 32 VDC  
MINIMUM VOLTAGE: 20 mV  
MAXIMUM CURRENT DC: 10 mA  
MINIMUM CURRENT DC: 1 mA  
CONTACT RESISTANCE: 100 mΩ  
INSULATION RESISTANCE (100 V): 10<sup>9</sup> Ω  
BOUNCE TIME: 1 ms

### Environmental

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

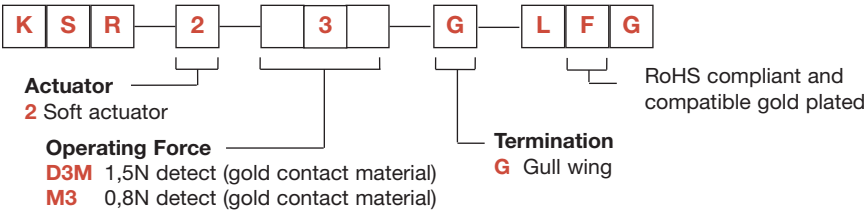
### Process

SOLDERING: Compatible with lead free reflow soldering process

### How To Order

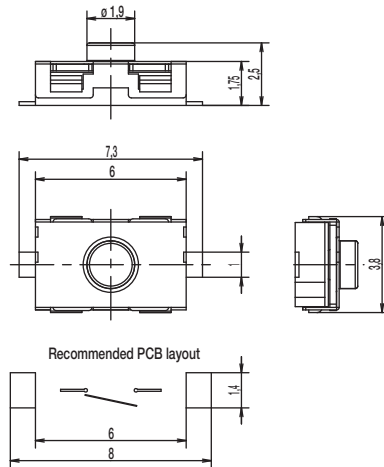
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

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

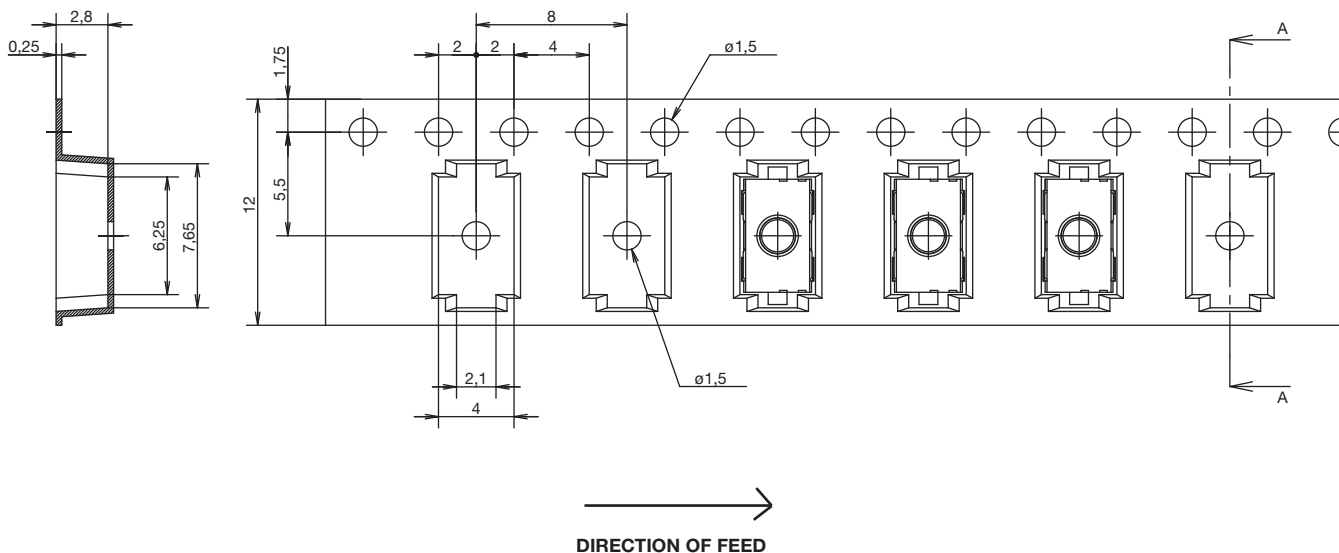


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## TAPE & REEL



Detect