

KSR D 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

Mechanical

| Type | Operating force Newtons | Operating life (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

| | |
|-----------------------|---------------|
| MAXIMUM POWER: | Gold |
| MAXIMUM VOLTAGE: | 0.2 VA |
| MINIMUM VOLTAGE: | 32 VDC |
| MAXIMUM CURRENT DC: | 20 mV |
| MINIMUM CURRENT DC: | 10 mA |
| CONTACT RESISTANCE: | 1 mA |
| INSULATION RESISTANCE | 100 mΩ |
| BOUNCE TIME: | (100 V): 10°Ω |
| | 1 ms |

Environmental

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

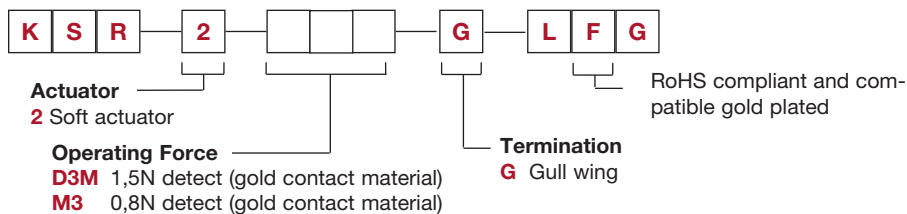
Process

SOLDERING: Compatible with lead free reflow soldering process

How To Order

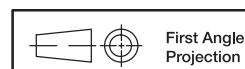
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

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



m

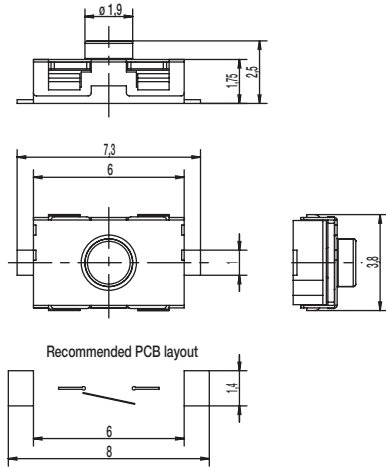
Detect



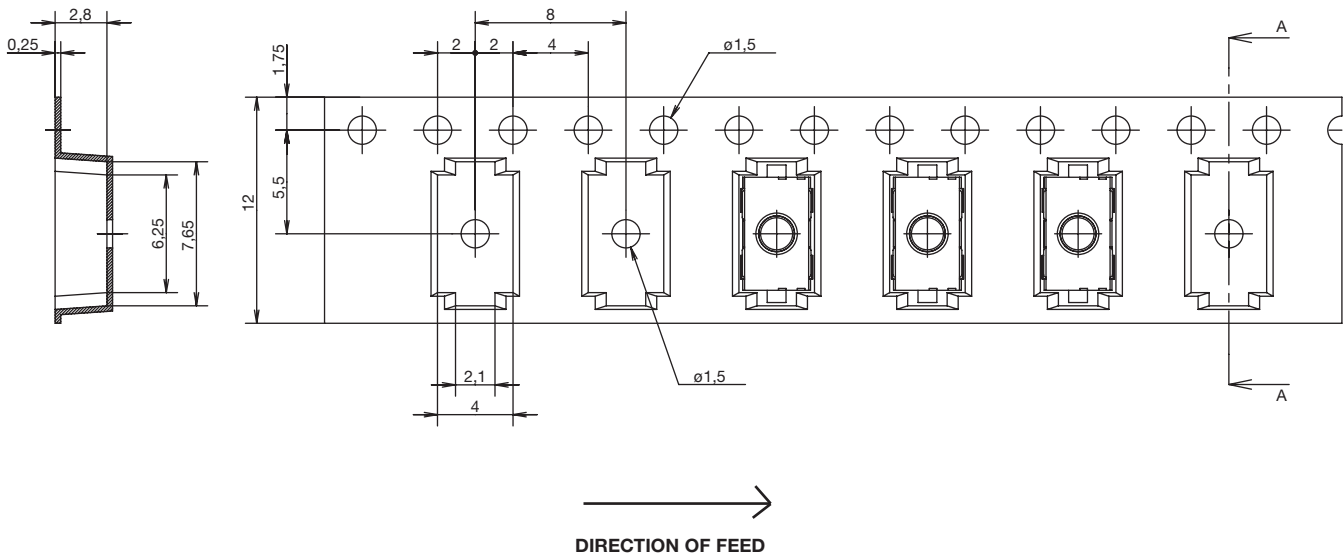
Dimensions are shown: mm

Specifications and dimensions subject to change

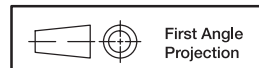
KSR2D/M



TAPE & REEL



Detect



First Angle
Projection

Dimensions are shown: mm
Specifications and dimensions subject to change