

KSU Series

Micro Mini Surface Mount Detect Switches



Specifications

Function	Momentary action
Contact Type	SPST normally open
Terminals	Gullwing type for SMT

Mechanical Characteristics

Switching Force	0.7 ± 0.5 N	
Travel to Make	0.65 mm - 0.45/+0.25 mm	
Mechanical Travel	1.5 ± 0.2 mm	
Operating Life	100,000 cycles	
Packaging	Switches are delivered on continuous tape, in reels of 1,000 pieces	

Electrical Characteristics

	Gold	Silver
Max. Power	0.2 VA	0.1 VA
Min./Max. Voltage	20 mV - 32 VDC	
Min./Max. Current	0.01 mA - 10 mA	1 mA - 50 mA
Contact Resistance	≤ 100 mΩ	
Insulation Resistance	(100 VDC) 10 ⁹ Ω	
Dielectric Strength	≥ 250 Vrms	
Bounce Time	≤ 3 ms	

Environmental Characteristics

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

Process

Soldering	Compatible with lead free reflow process
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Notes:

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

Description

For engineers designing audio devices, alarms or medical devices, the KSU series micro mini surface mount detect switch is a perfect match. Featuring multi-contact construction, a metal actuator and low actuating force, the KSU series is high-performance and long lasting – while being tough enough for today's devices.

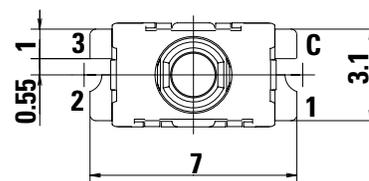
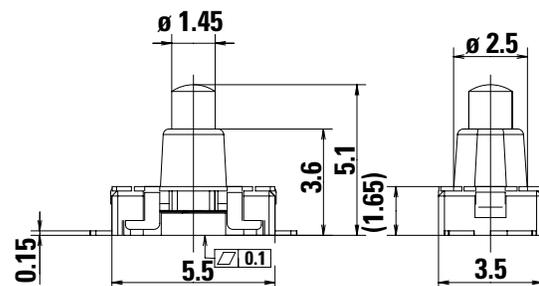
Features & Benefits

- New multi contact construction
- Metal actuator
- Low actuating force
- RoHS compliant and compatible

Applications

- Mobile phones and other handheld devices
- Portable medical devices
- Audio devices
- Alarm devices
- Payment terminals
- Smart meters

Dimensions (in mm)



Schematic

