

KSU Series Micro Mini Surface Mount Detect Switches

New!



Features/Benefits

- **New multi contact construction**
- **Metal actuator**
- **Low actuating force**
- **Gold contacts**
- **Compatible with pick and place machines**

Typical Applications

- **Mobile phones and other handheld devices**
- **Portable medical devices**
- **Audio devices**
- **Automotive**
- **Alarm devices**
- **Payment terminals**

Specifications

FUNCTION: Momentary action.

CONTACT TYPE: SPST Normally open.

TERMINALS: 4 SMT terminals.

MAXIMUM POWER: 0.2 VA

MIN./MAX. VOLTAGE: 20 mV – 50 VDC.

MIN./MAX. CURRENT: .01 mA – 0.01 A.

LOW LEVEL USE: 20 mV – 0.01 mA.

DIELECTRIC STRENGTH: ≥ 250 Vrms.

CONTACT RESISTANCE: ≤ 100 m Ω .

INSULATION RESISTANCE: (100 VDC) 10^9 Ω .

BOUNCE TIME: < 3 ms.

ACTUATING FORCE: 1.1 N ± 0.8 N

TRAVEL TO MAKE: 0.65 mm - 0.45/+0.25 mm

MAXIMUM FORCE at max travel: 1.8 N

OPERATING TEMPERATURE: -40°C to +125°C.

MECHANICAL & ELECTRICAL LIFE: 100,000 cycles.

SOLDERABILITY: Infrared reflow.

PACKAGING: Delivered on tape & reel of 1000 pieces. The reel diameter is 330mm (12.992). The tape dimensions conform to the EIA-481 and EC-286-3 norms.

STORAGE TEMPERATURE: -55°C to + 125°C.

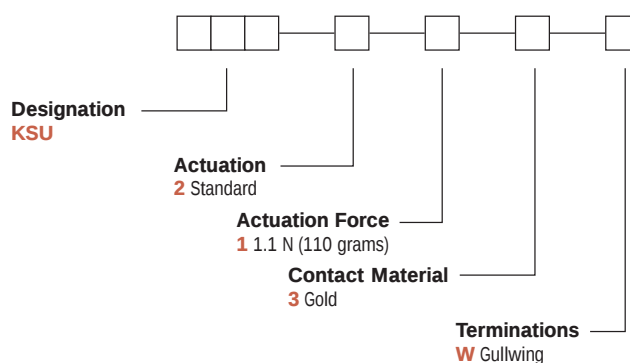
NOTE: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on page E-5. For additional options not shown in catalog, consult our Customer Service Center.



Detect



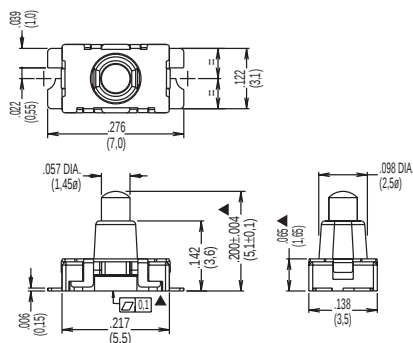
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DESIGNATION



KSU

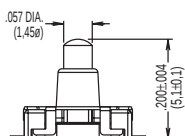


KSU213W
SPST

ACTUATION



2 STANDARD



ACTUATION FORCE



1 1.1 N (110 GRAMS)

CONTACT MATERIAL

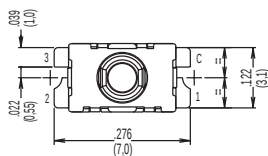


3 GOLD, 4 REDUNDANT CONTACTS

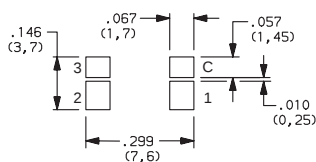
TERMINATION



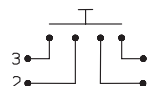
W GULLWING



PAD LAYOUT



SCHEMATIC



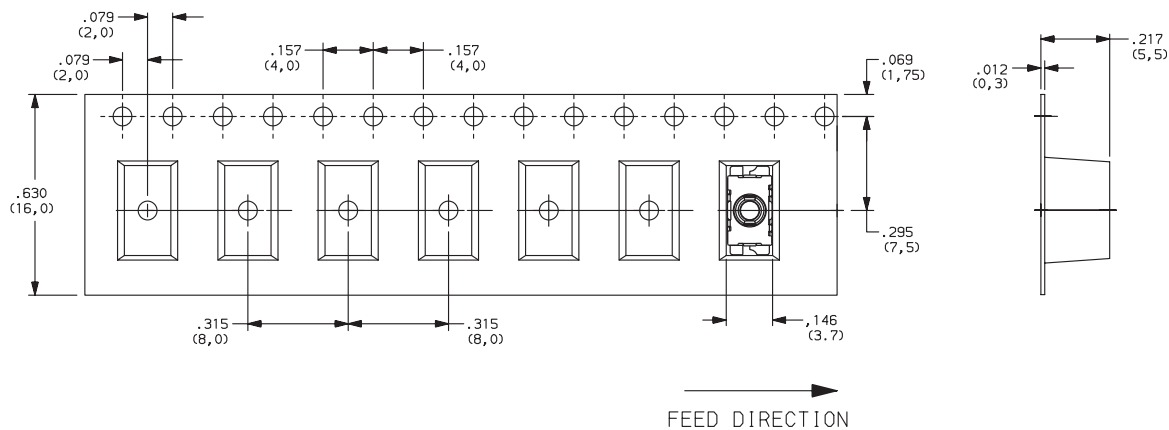
E

Detect

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TAPE & REEL



Detect