KSM Series
Side Actuated Detect Switches

Features/Benefits

- ***Low profile – 1,5 mm***
- ***Momentary, normally closed contact***
- ***Infrared reflow soldering without cleaning***
- ***Thermoformed tape & reel***
- ***RoHS compliant and compatible***

Typical Applications

- ***Automotive***
- ***Position sensing switch***
- ***Edge card reset switch***
- ***Smart card presence switch detector***
- ***DSL and fiber optic networks***

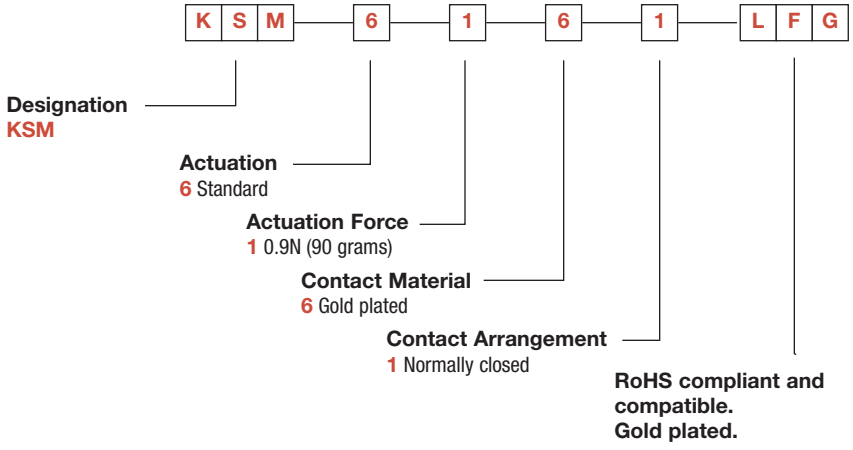
Specifications

FUNCTION: Momentary, Normally closed.
SWITCHING POWER MAX.: 0.2 W DC
SWITCHING VOLTAGE MAX.: 24 V DC
SWITCHING CURRENT MAX.: 50 mA DC
OPERATING LIFE: 50,000 operations.
CONTACT RESISTANCE: < 200 m Ω
INSULATION RESISTANCE: > 10^9 Ω
BOUNCE TIME: < 3 ms
OPERATING TEMPERATURE: –40°C to +85°C
TRAVEL TO BREAK: 0,3 (.01181) ± 0,1 (.00394)
TOTAL TRAVEL: 1,2 (.047) ± 0,15 (.006)
FORCE AT MAXIMUM TRAVEL: ≤1.25N
STORAGE TEMPERATURE: –55°C to +85°C
SOLDERABILITY: According to lead free soldering profiles.
PACKAGING: Switches delivered on continuous tape & reels of 2000 pieces, 16mm width. Dimensions according to EIA RS-481 standard.

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 F-10. For additional options not shown in catalog, consult our Customer Service Center.

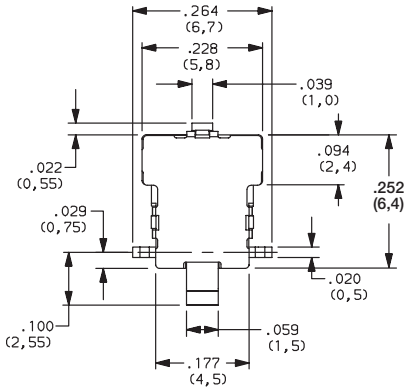


F
Detect

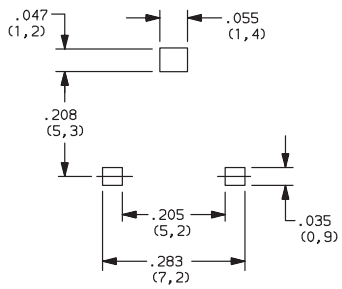
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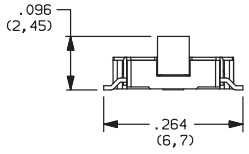
DESIGNATION

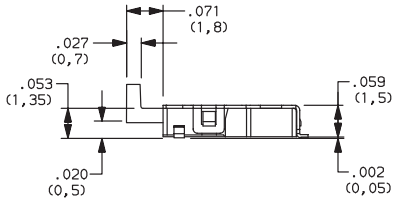
KSM



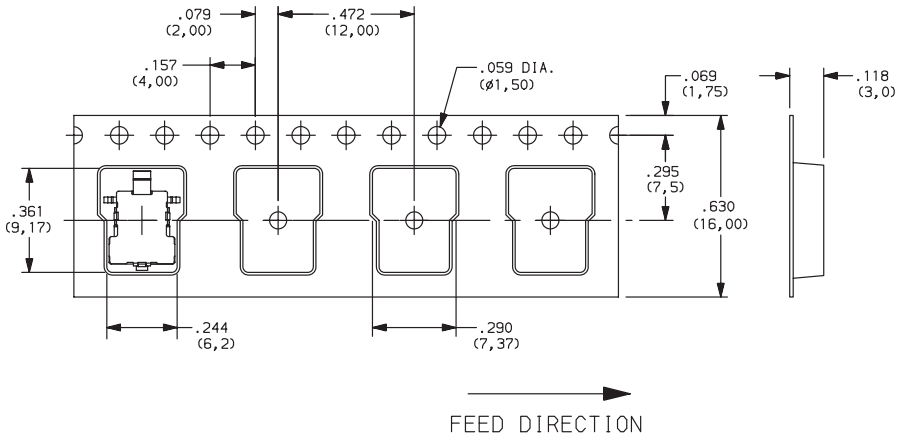
PAD LAYOUT







TAPE & REEL



F

Detect

Third Angle Projection

Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change