

JSM Series Sub-Miniature Slide Switches

Features/Benefits

- RoHS compliant and meets all requirements of RoHS directive 2002/95EC, Halogen Free
- Positive detent
- Low profile
- IR reflow to 260° solder profile
- Surface and thru hole mounting
- Maintained and momentary functions
- SPDT, SP3T models

Typical Applications

- Telecommunication products
- Computer peripherals
- Thermostat select switch
- Instrumentations



Specifications

CONTACT RATING: 4 VDC @ 0.3A
ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 70 m Ω max.
INSULATION RESISTANCE: 100 M Ω min. @ 500V.
DIELECTRIC STRENGTH: 100 VAC min. @ sea level.
OPERATING TEMPERATURE: -10°C to +60°C
STORAGE TEMPERATURE: -30°C to +85°C

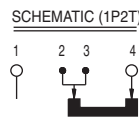
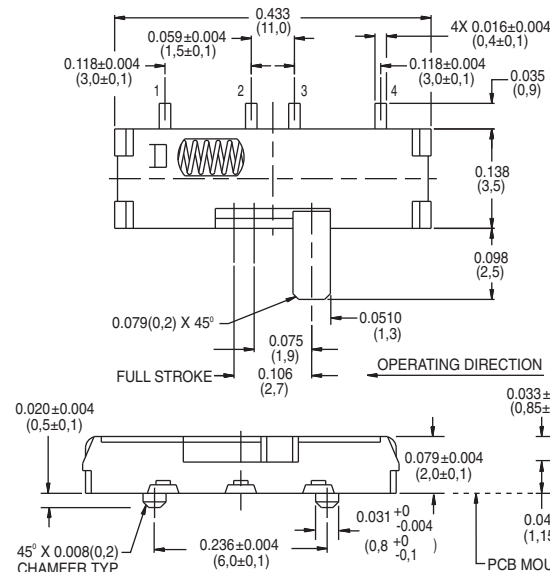
NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

Materials

HOUSING: LCP, Glass filled (Halogen free)
ACTUATOR: 4/6 nylon (UL94V-2), black.
CONTACTS: Beryllium copper, silver plated.
TERMINALS: Brass, silver plated.
COVER: Stainless steel
RETURN SPRING: Stainless steel



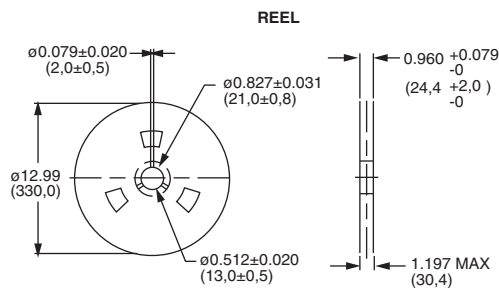
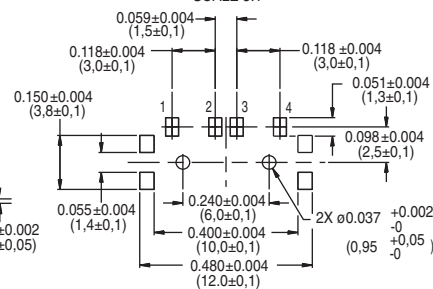
Slide



Shown in position 4

RECOMMENDED PC BOARD LAY OUT

SCALE 5:1



SECTION A-A

COVER TAPE



PACKAGING QUANTITY:
1,800 PCS/REEL



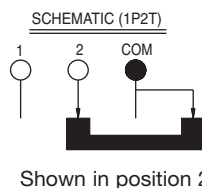
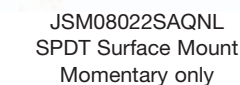
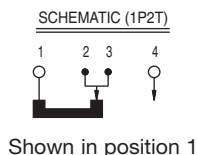
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change



Slide



Slide



RECOMMENDED PC BOARD LAY OUT

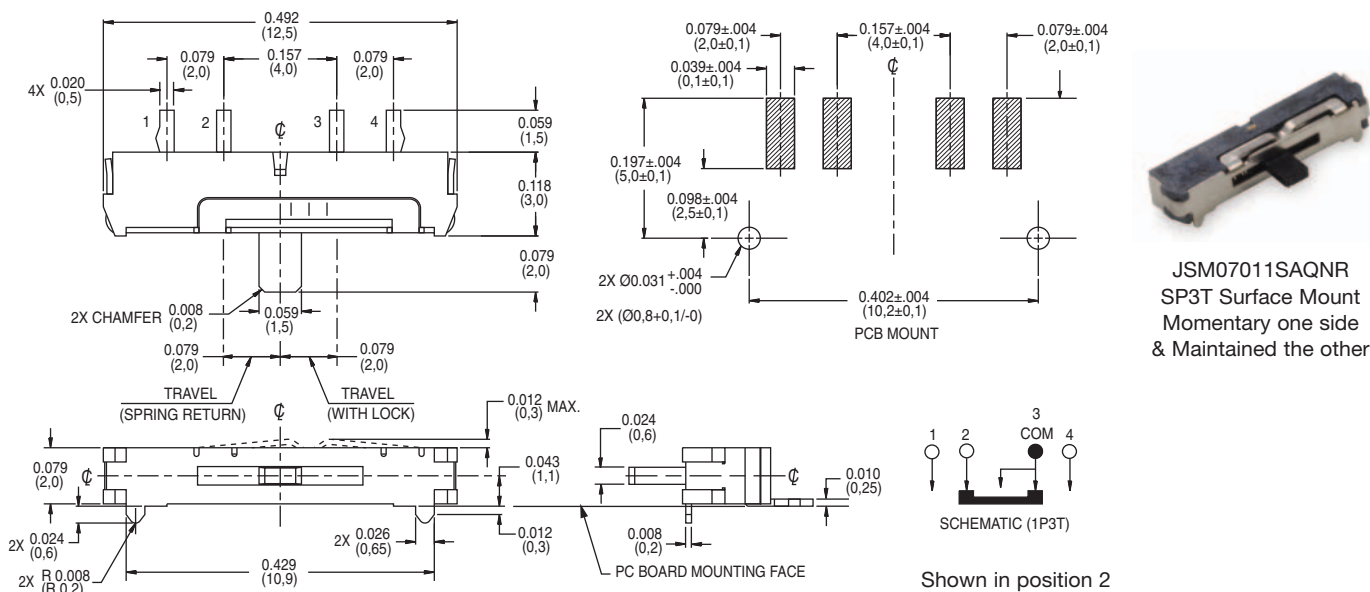
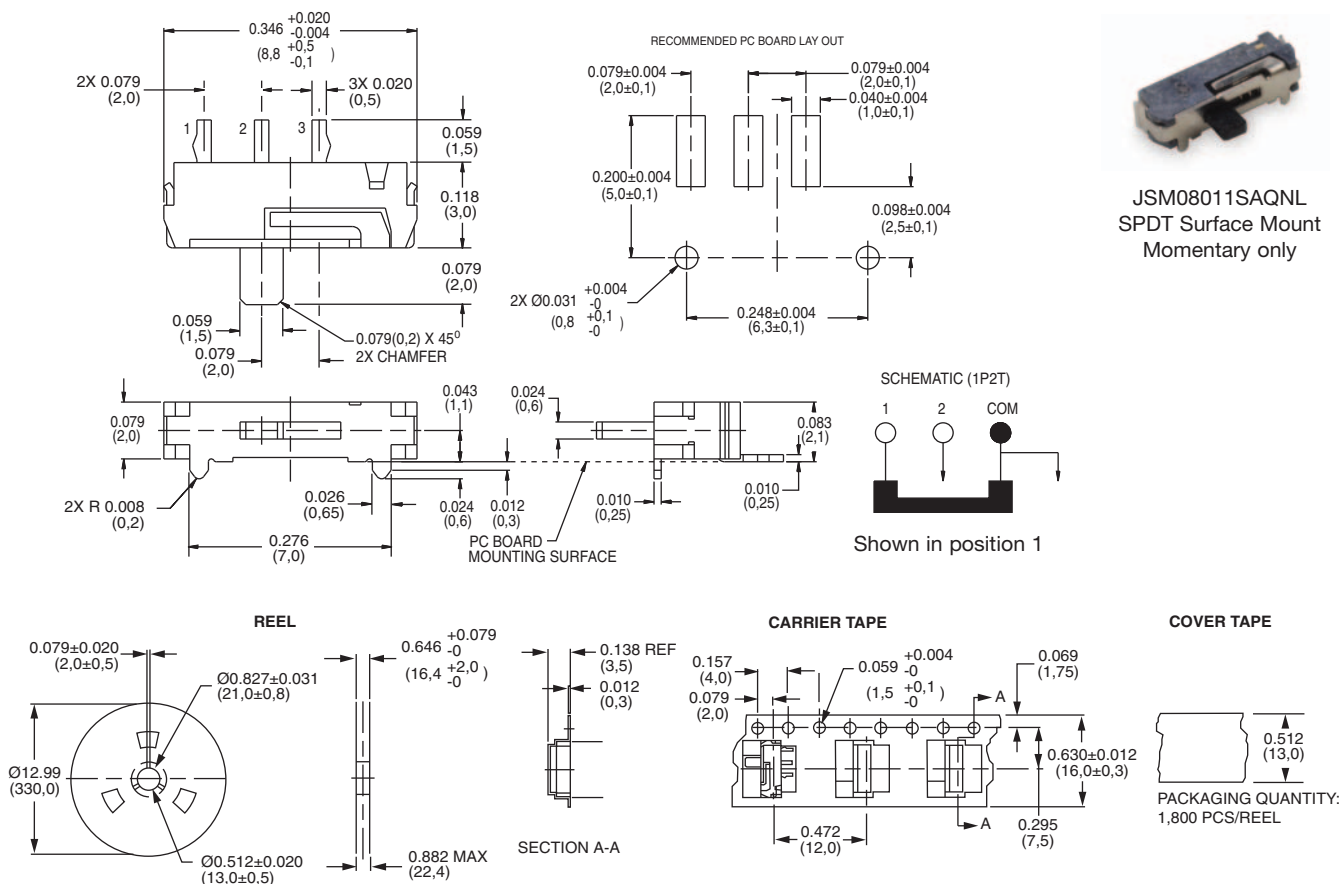
The diagram illustrates the recommended PC board layout for three modules. The modules are represented by rectangles with vertical dashed lines indicating internal features. The layout is defined by the following dimensions:

- Module width: 0.079 ± 0.004 (2.0±0.1)
- Module height: 0.040 ± 0.004 (1.0±0.1)
- Module spacing: 0.098 ± 0.004 (2.5±0.1)
- Module offset: 0.248 ± 0.004 (6.3±0.1)
- Module thickness: 0.004 ± 0.1
- Module hole diameter: 0.004 ± 0.1
- Module hole offset: 0.004 ± 0.1



Dimensions are shown: Inch (mm)
s and dimensions subject to change

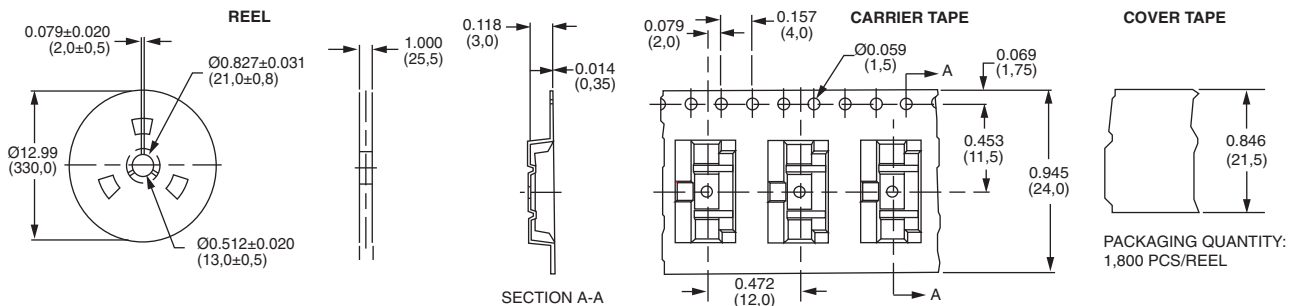
JSM Series Sub-Miniature Slide Switches





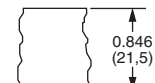
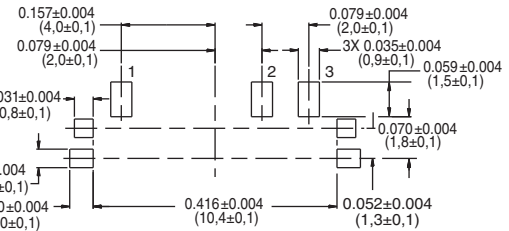
SCHEMATIC (1P3T)

Shown in position 2

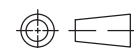




Slide



PACKAGING QUANTITY:
3,400 PCS/REEL



Third Angle Projection

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