

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

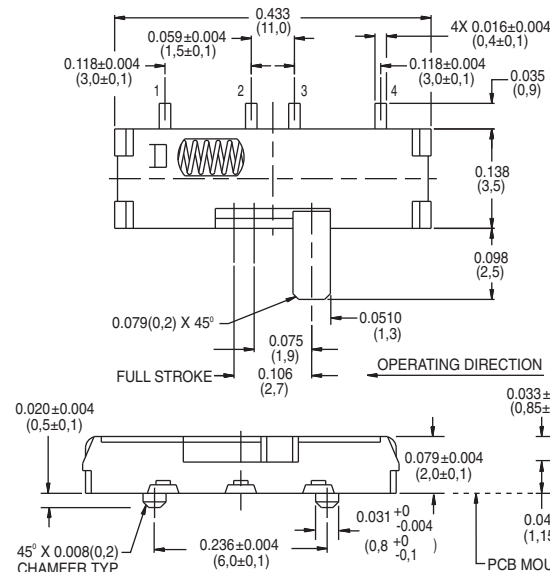
NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

Materials

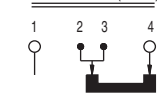
HOUSING: LCP, Glass filled (Halogen free)
ACTUATOR: 4/6 nylon (UL94V-2), black.
CONTACTS: Beryllium copper, silver plated.
TERMINALS: Brass, silver plated.
COVER: Stainless steel
RETURN SPRING: Stainless steel



Slide



SCHEMATIC (1P2T)



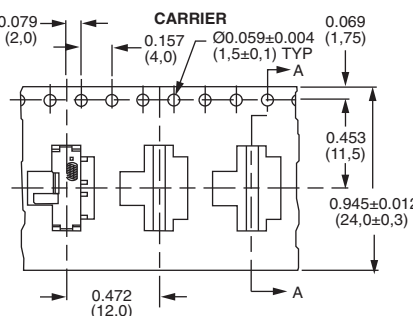
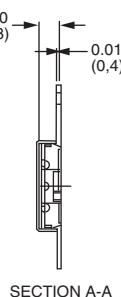
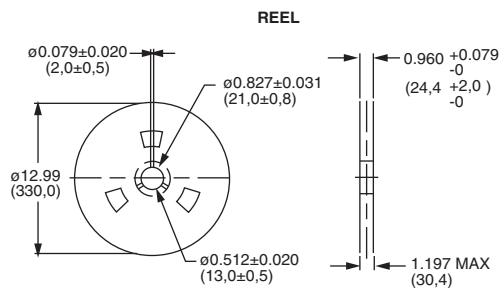
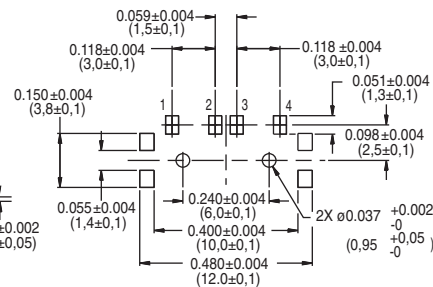
Shown in position 4



JSM08022SAQNR
SPDT Surface Mount
Momentary one side

RECOMMENDED PC BOARD LAY OUT

SCALE 5:1



COVER TAPE



PACKAGING QUANTITY:
1,800 PCS/REEL

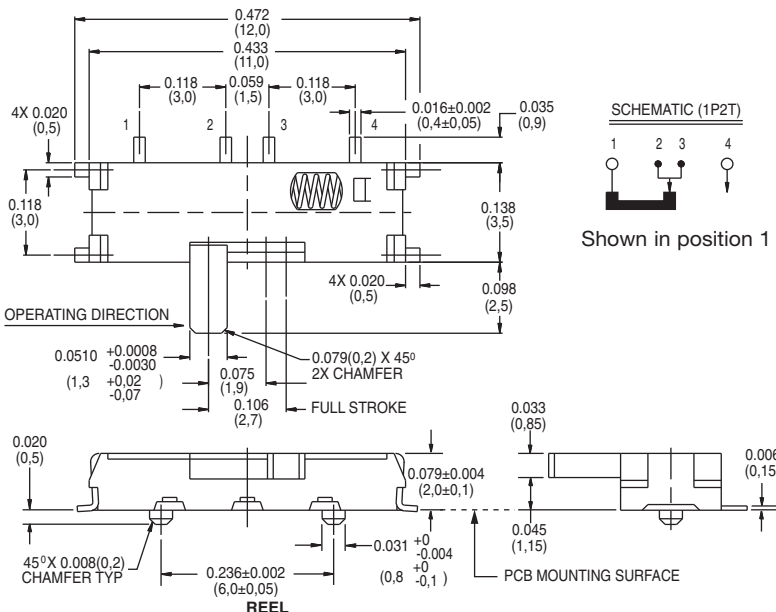


Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

JSM Series

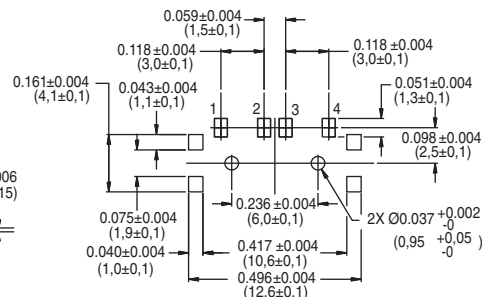
Sub-Miniature Slide Switches

Slide



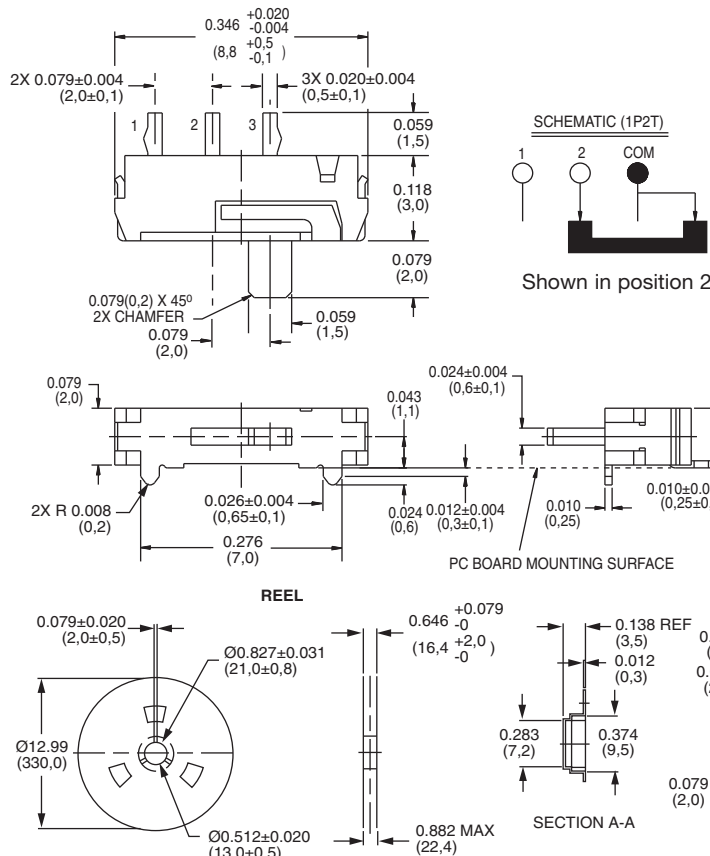
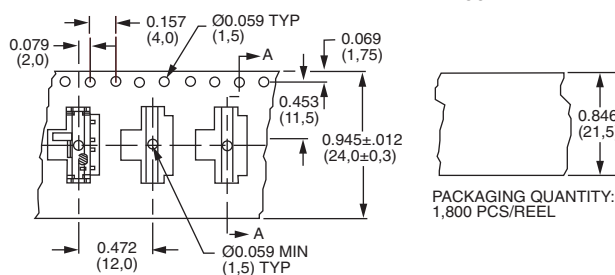
JSM08022SAQNL
SPDT Surface Mount
Momentary only

RECOMMENDED PC BOARD LAY OUT
SCALE 5:1



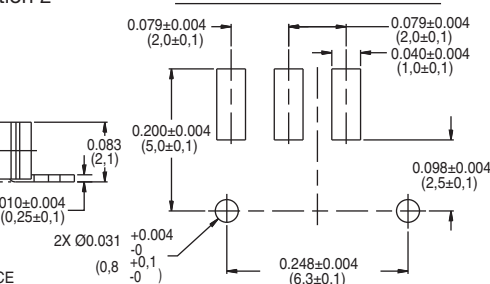
CARRIER TAPE

COVER TAPE



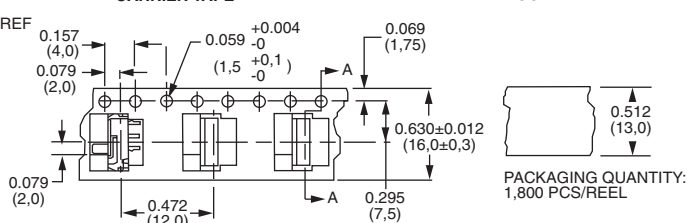
JSM08011SAQNR
SPDT Surface Mount
Momentary only

RECOMMENDED PC BOARD LAY OUT



CARRIER TAPE

COVER TAPE

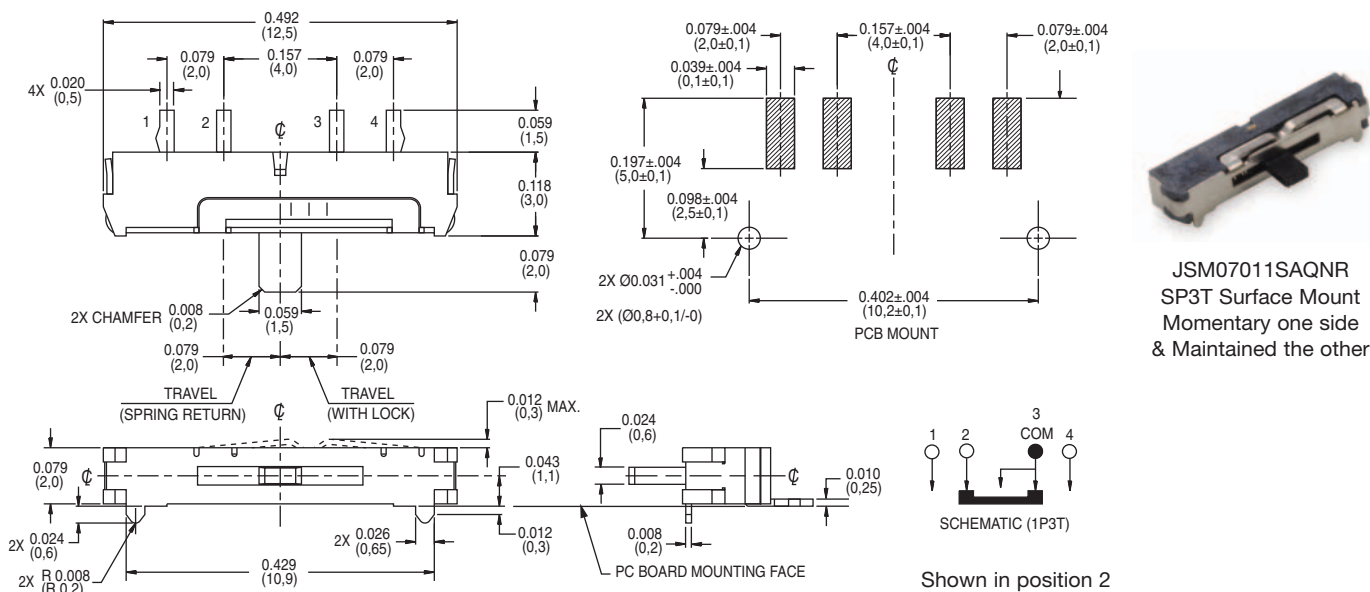
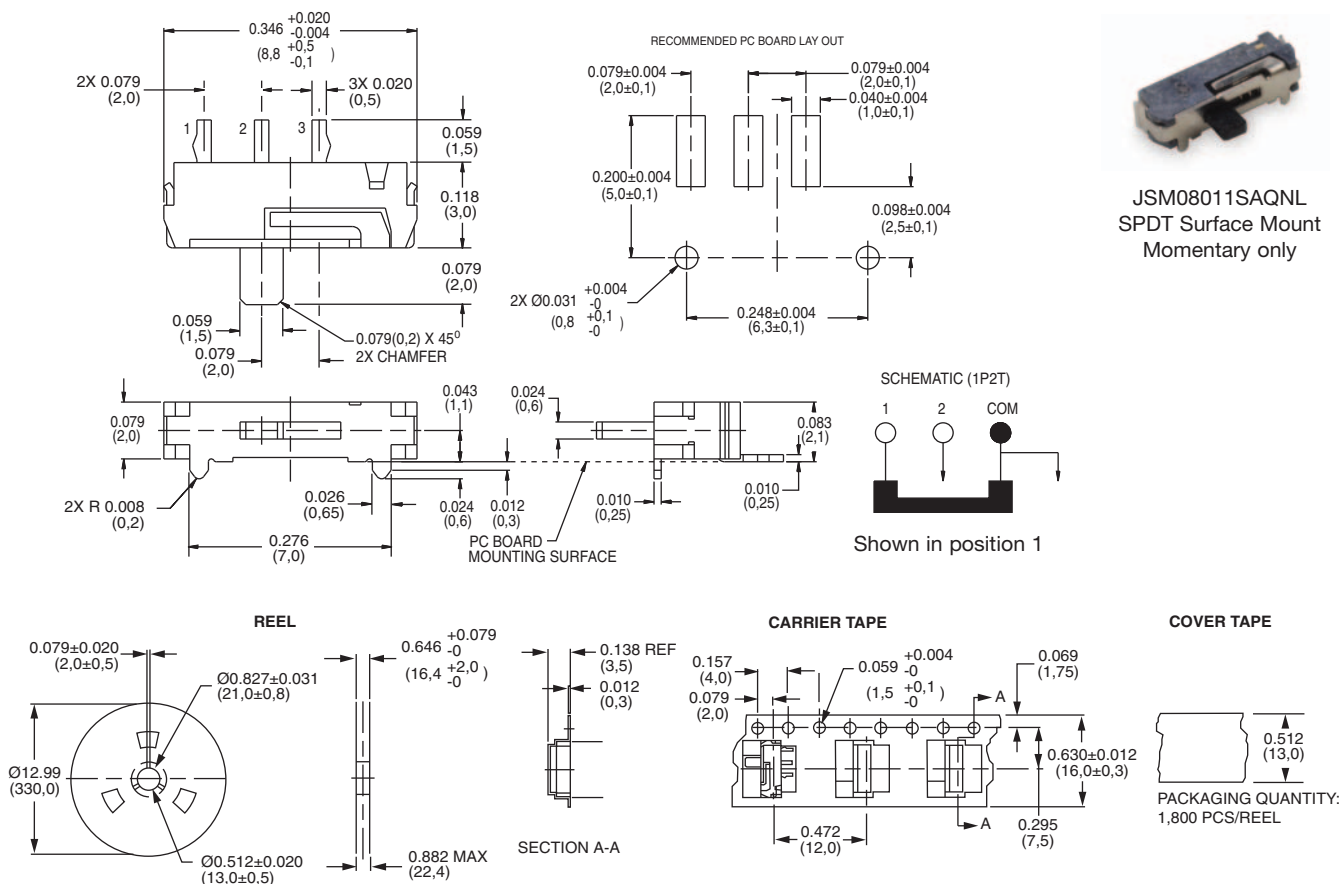


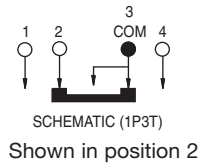
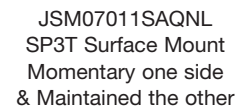
Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change



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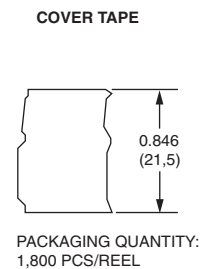
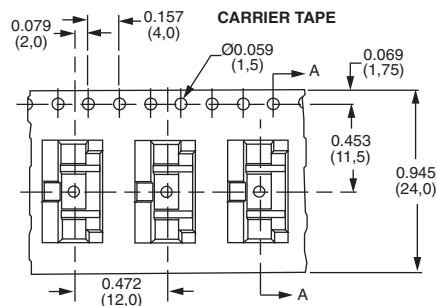
[illegible]

REEL

Top view dimensions:
 Outer diameter: $\varnothing 12.99$ (330,0)
 Inner hole diameter: $\varnothing 0.827 \pm 0.031$ (21,0 $\pm$ 0,8)
 Hole diameter: $\varnothing 0.512 \pm 0.020$ (13,0 $\pm$ 0,5)
 Hole spacing: 0.079 ± 0.020 (2,0 $\pm$ 0,5)

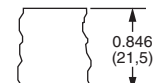
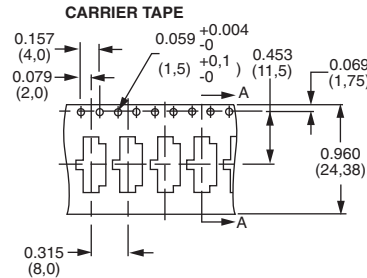
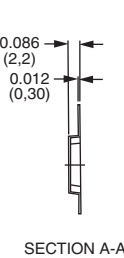
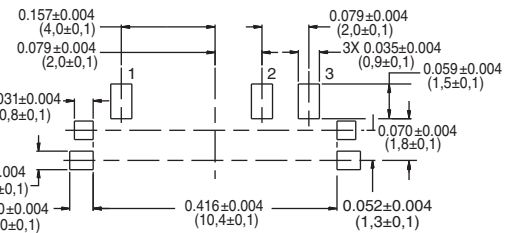
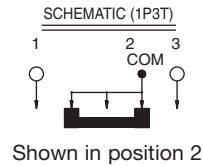
Side view dimensions:
 Thickness: 1.000 (25,5)

Section A-A dimensions:
 Flange thickness: 0.118 (3,0)
 Flange width: 0.014 (0,35)

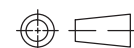




Slide



PACKAGING QUANTITY:
3,400 PCS/REEL



Third Angle Projection

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