

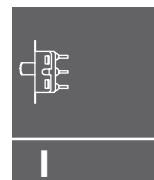
JS Series Sub-Miniature Slide Switches

Features/Benefits

- Positive detent
- Low profile
- IR reflow to 260° solder profile
- Surface and thru hole mounting
- SPDT, DPDT, DP3T models
- RoHS compliant

Typical Applications

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



Specifications

CONTACT RATING: See individual series for information.

ELECTRICAL LIFE: See individual series for information.

CONTACT RESISTANCE: 70 m Ω max.

INSULATION RESISTANCE: 100 M Ω min. @ 500V.

DIELECTRIC STRENGTH: 500 VAC min. @ sea level.

OPERATING TEMPERATURE: -40°C to +85°C

STORAGE TEMPERATURE: -40°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: 4/6 nylon (UL94V-2), black.

ACTUATOR: 4/6 nylon (UL94V-2), black.

CONTACTS: Copper alloy, silver plated.

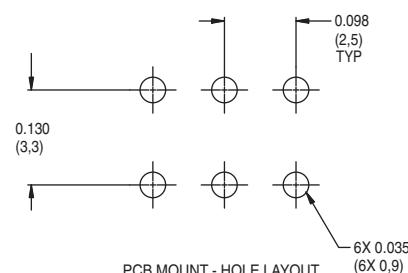
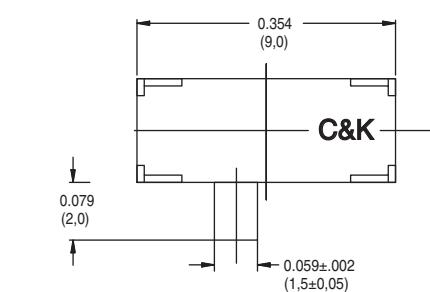
TERMINALS: Brass, silver plated

Slide

RIGHT ANGLE, PC THRU-HOLE

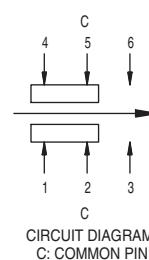
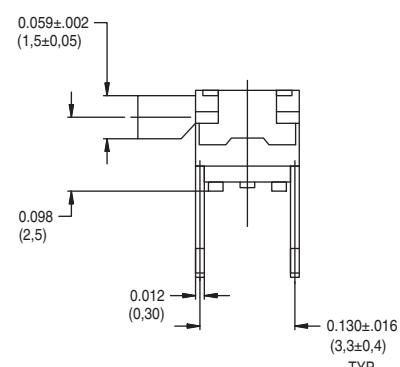
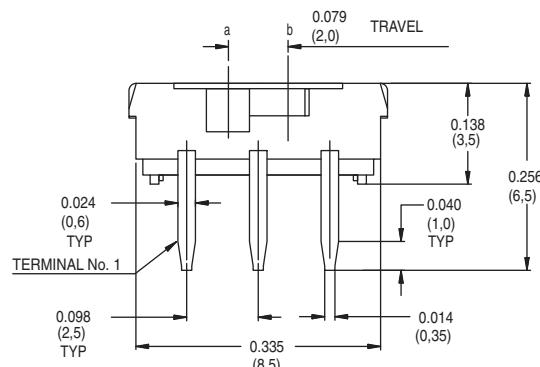
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number
JS202011AQN
DPDT

Shown in position 1



CIRCUIT DIAGRAM
C: COMMON PIN

C&K

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

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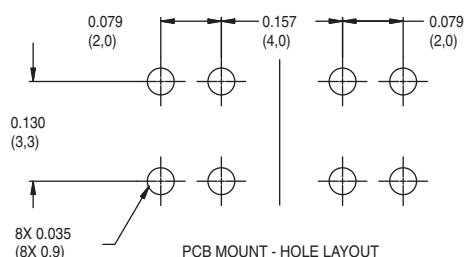
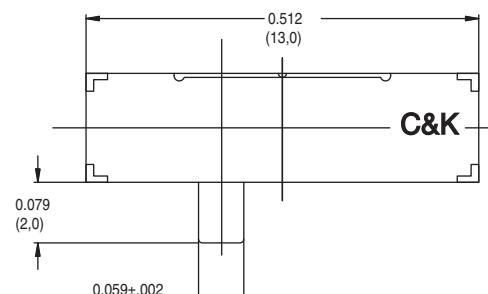
JS Series

Sub-Miniature Slide Switches

RIGHT ANGLE, PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

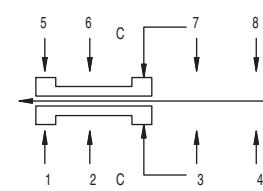
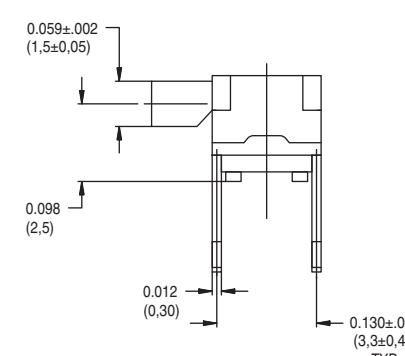
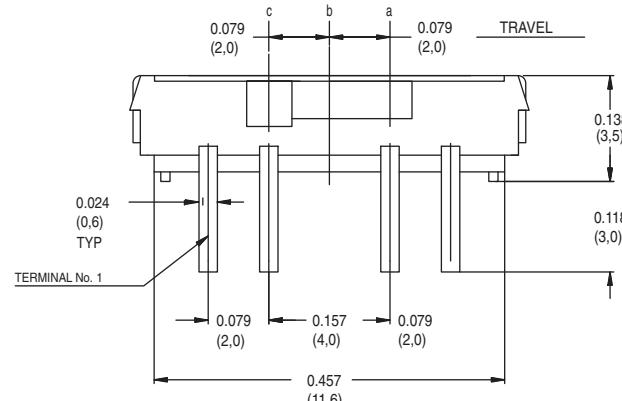
ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number
JS203011AQN
DP3T

Shown in position 1

Slide

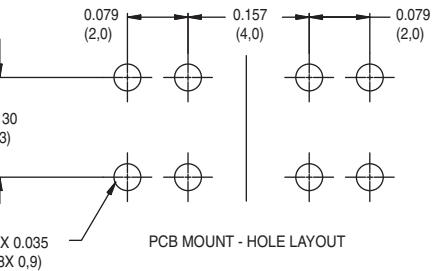
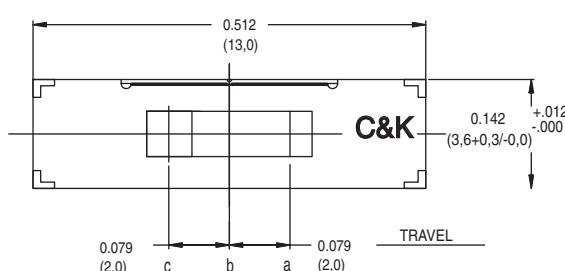


CIRCUIT DIAGRAM
C: COMMON PIN

PC THRU-HOLE

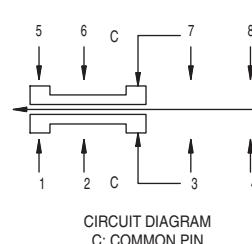
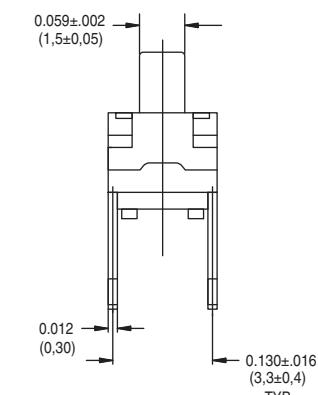
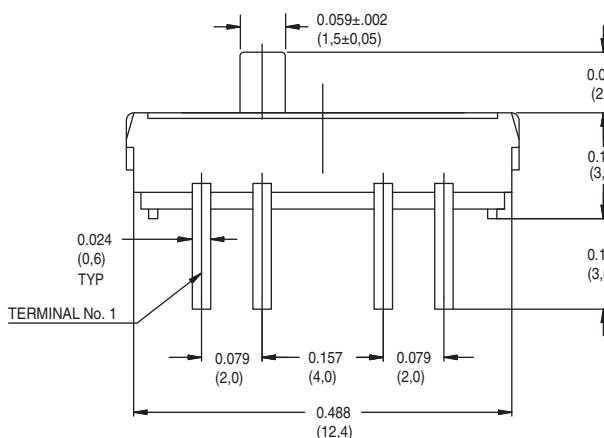
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number
JS203011CQN
DP3T

Shown in position 1



CIRCUIT DIAGRAM
C: COMMON PIN

Third Angle Projection

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



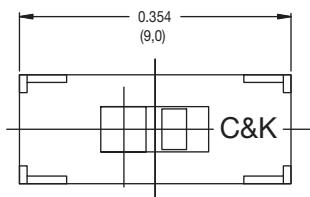
JS Series Sub-Miniature Slide Switches

PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A

CONTACT RATING: 30 VDC @ 0.1A

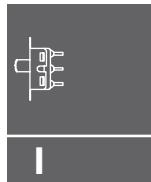
ELECTRICAL LIFE: 5,000 make-and-break cycles.



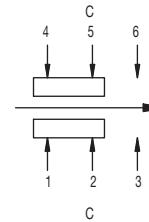
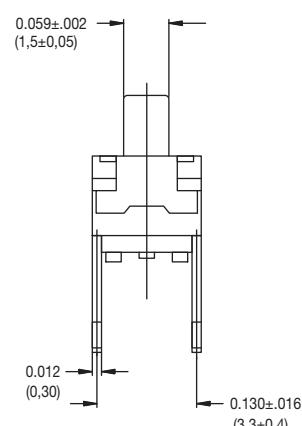
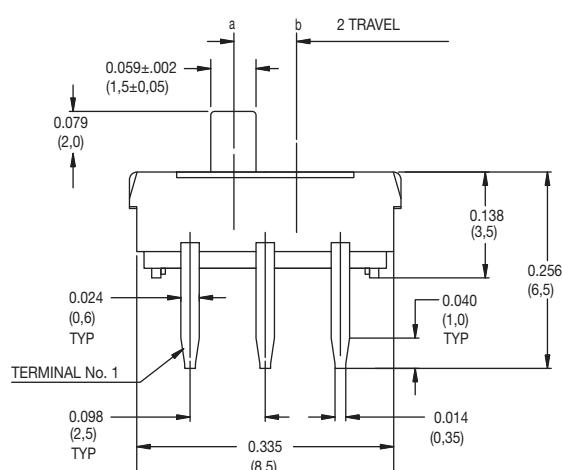
The diagram illustrates the hole layout for PCB mounting. It shows three rows of four circular holes each. The top row has a dimension of 0.098 (2.5) TYP above it. The middle row has a dimension of 0.130 (3.3) below it. The bottom row has a dimension of 6X 0.035 (6X 0.9) below it. Arrows point from the text labels to their corresponding hole rows.



Part Number
JS202011CQN
PPDT



Shown in position 1



CIRCUIT DIAGRAM C: COMMON PIN

SURFACE MOUNT

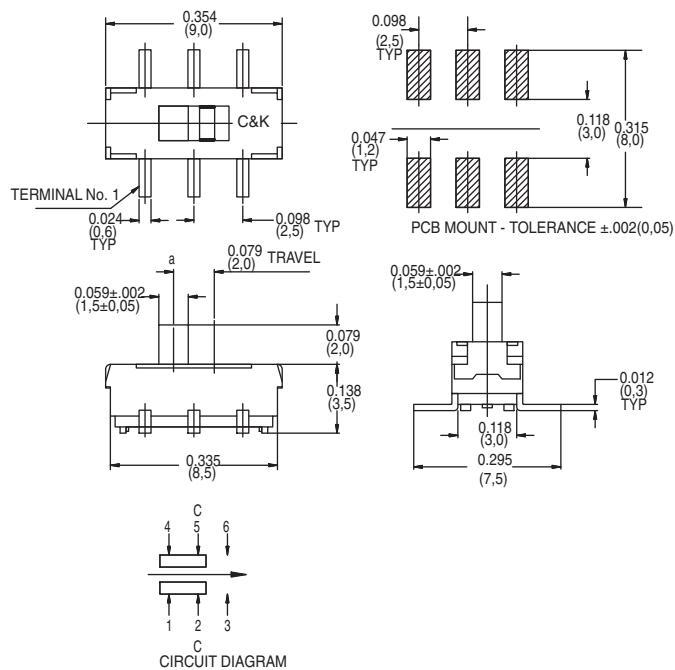
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

ELECTRICAL LIFE: 5,000 make-and-break cycles.



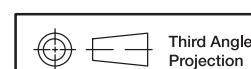
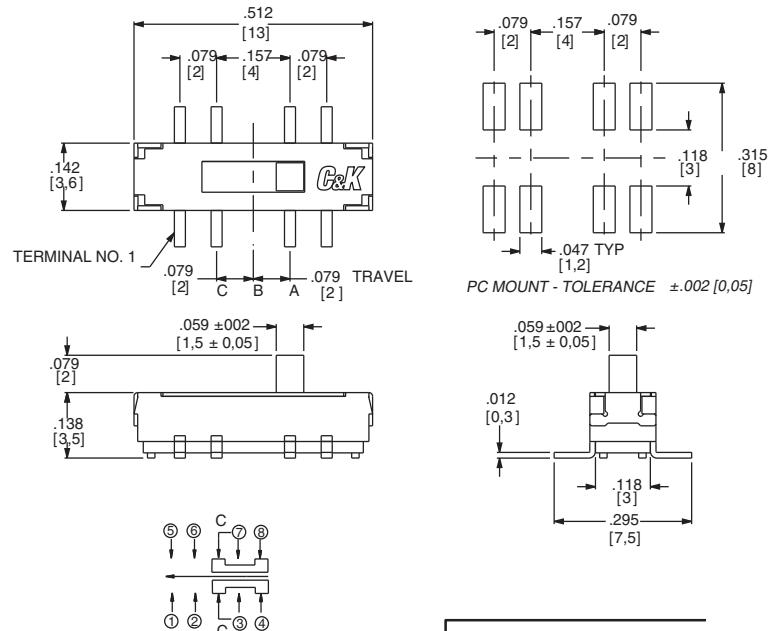
Part number
JS202011SCQN
DPDT

Shown in position 1. Quantity per reel 1000



ELECTRICAL LIFE:
ELECTRICAL LIFE:
Part number
JS203011SCQN
DPC7

Shown in position 1. Quantity per reel 900



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

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6.00

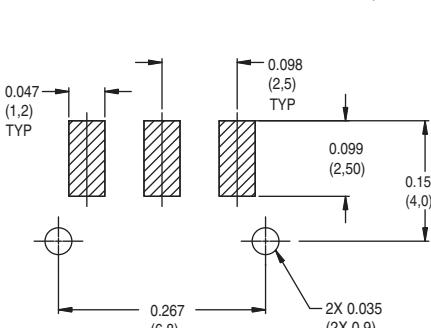
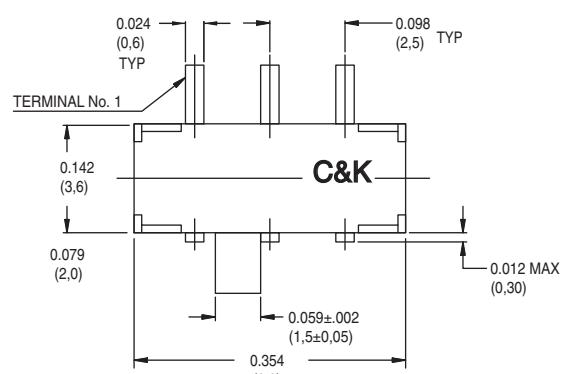
JS Series

Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

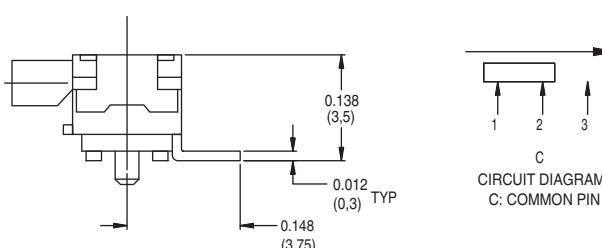
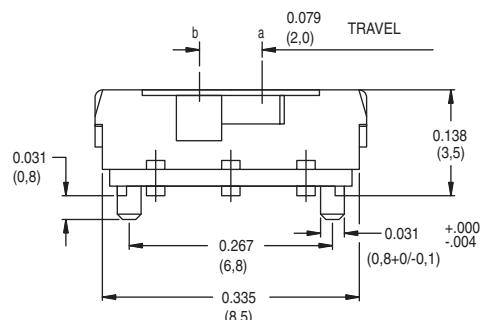
ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number
JS102011SAQN
SPDT

Shown in position 1

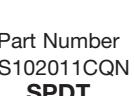
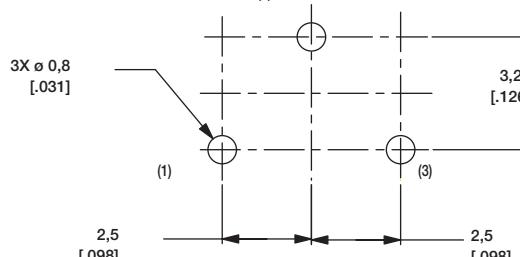
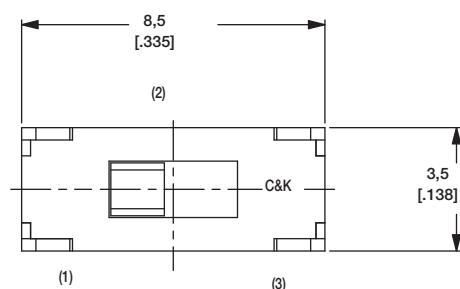
Available in tape & reel
only, see page I-54



CIRCUIT DIAGRAM
C: COMMON PIN

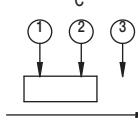
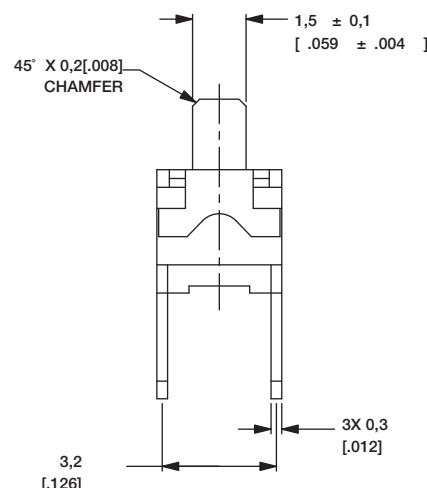
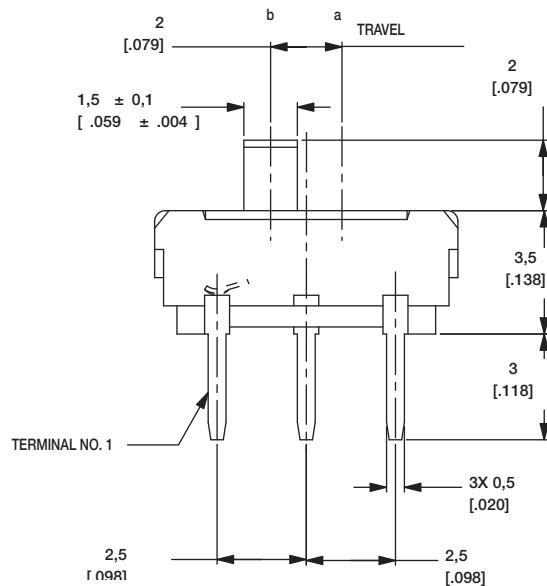
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.

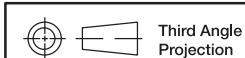


Part Number
JS102011CQN
SPDT

Shown in position 1



SCHEMATIC



Dimensions are shown: Inch (mm)

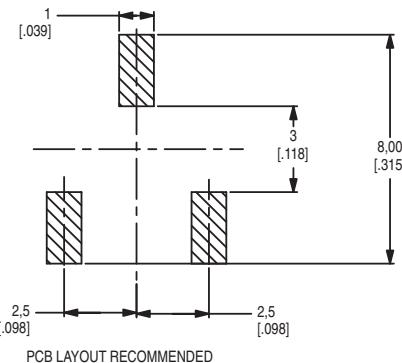
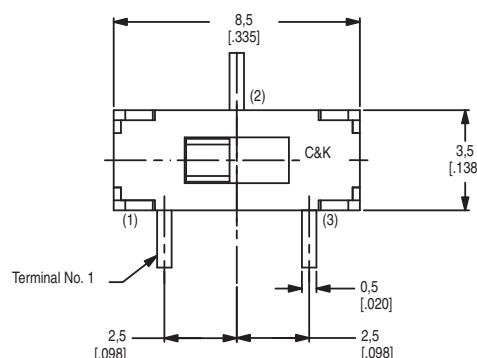
Specifications and dimensions subject to change



JS Series Sub-Miniature Slide Switches

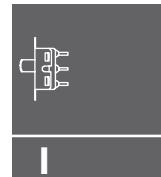
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.

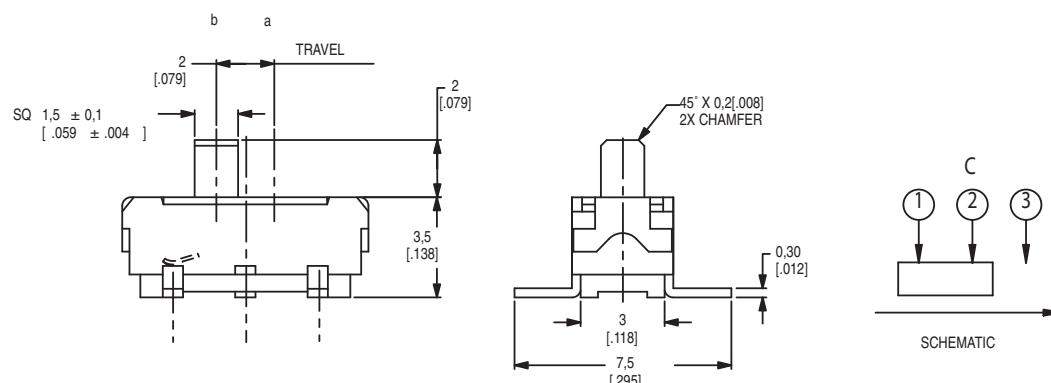


Part Number
JS102011SCQN
SPDT

Shown in position 1



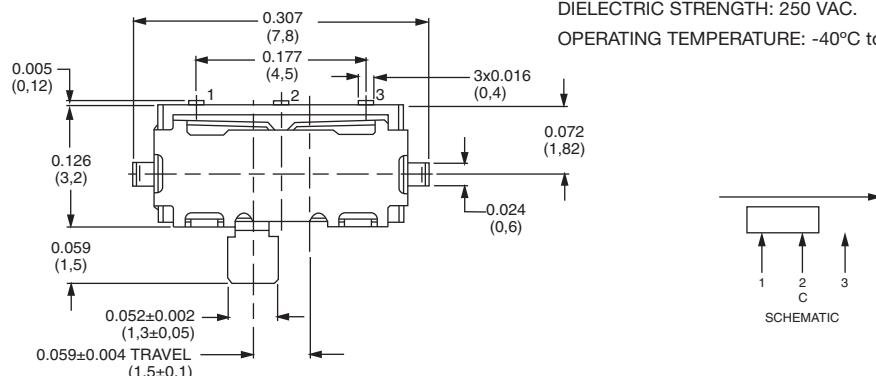
Available in tape & reel
only, see page I-54



RIGHT ANGLE SURFACE MOUNT
LOW PROFILE .028±.004 (0.7±0.1) HIGH

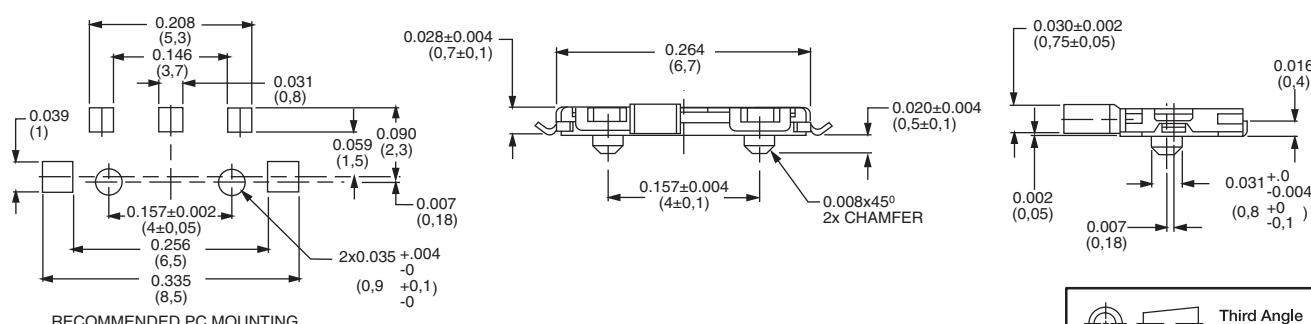
Specifications

CONTACT RATING: 5 VDC @ 1MA
ELECTRICAL LIFE: 15,000 cycles.
CONTACT RESISTANCE: <100 m ohms (initial) <200 m ohms (after processing).
INSULATION RESISTANCE: 100 m ohms @500 VDC.
DIELECTRIC STRENGTH: 250 VAC.
OPERATING TEMPERATURE: -40°C to +85°C

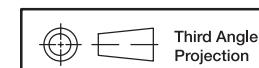


Part Number
JS102000SAQN
SPDT

Available in tape & reel
only, see page I-54



RECOMMENDED PC MOUNTING



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



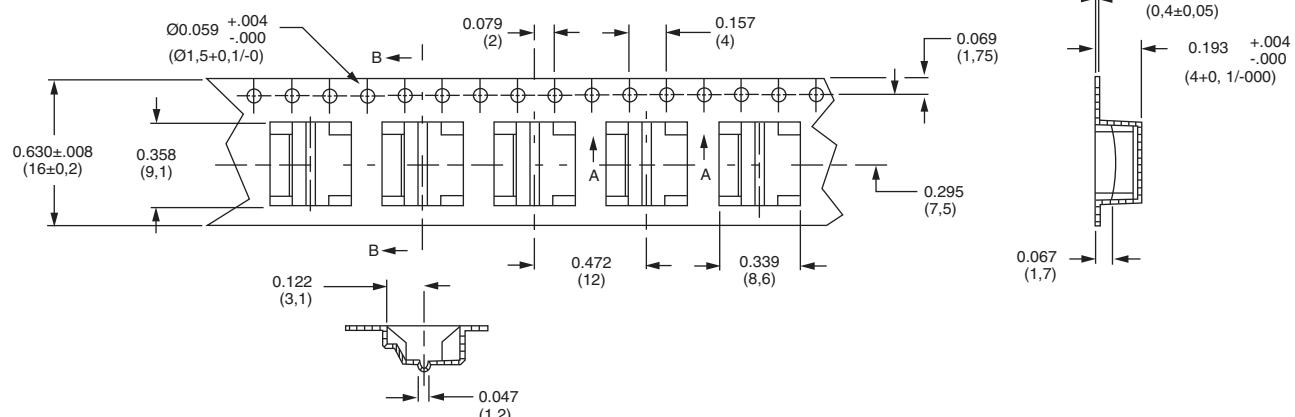
Slide

JS Series

Sub-Miniature Slide Switches

TAPE AND REEL FOR PART NUMBER JS10211SAQN

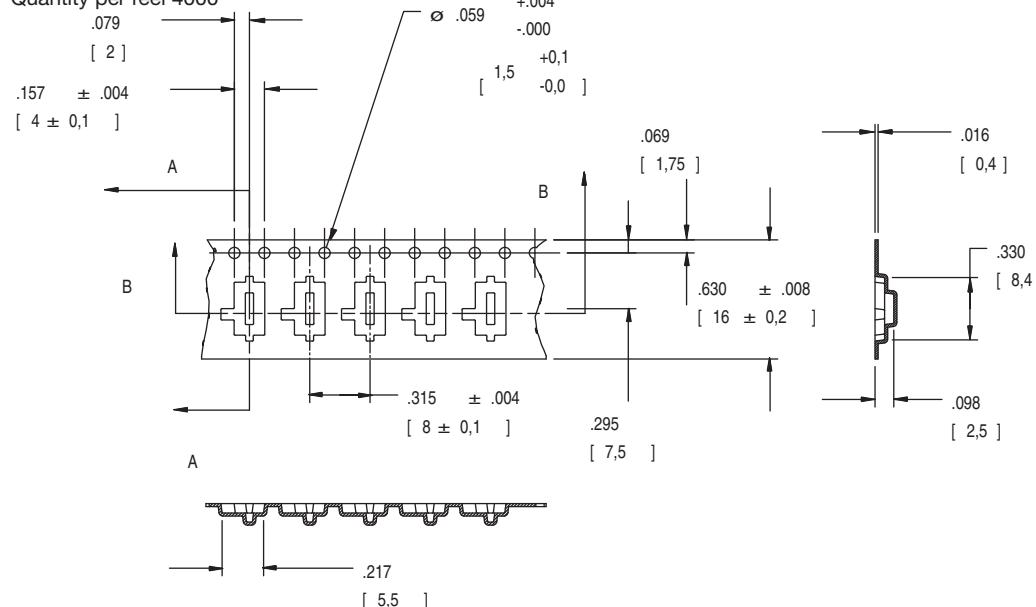
Quantity per reel 1000



Slide

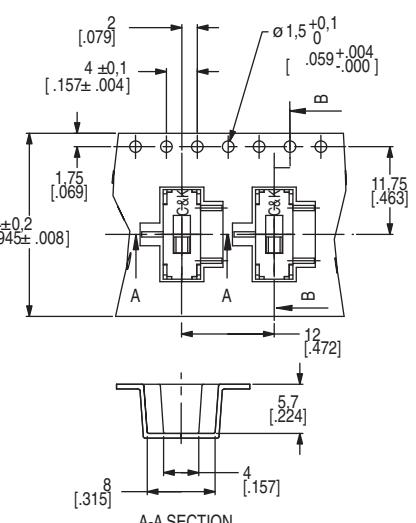
TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000



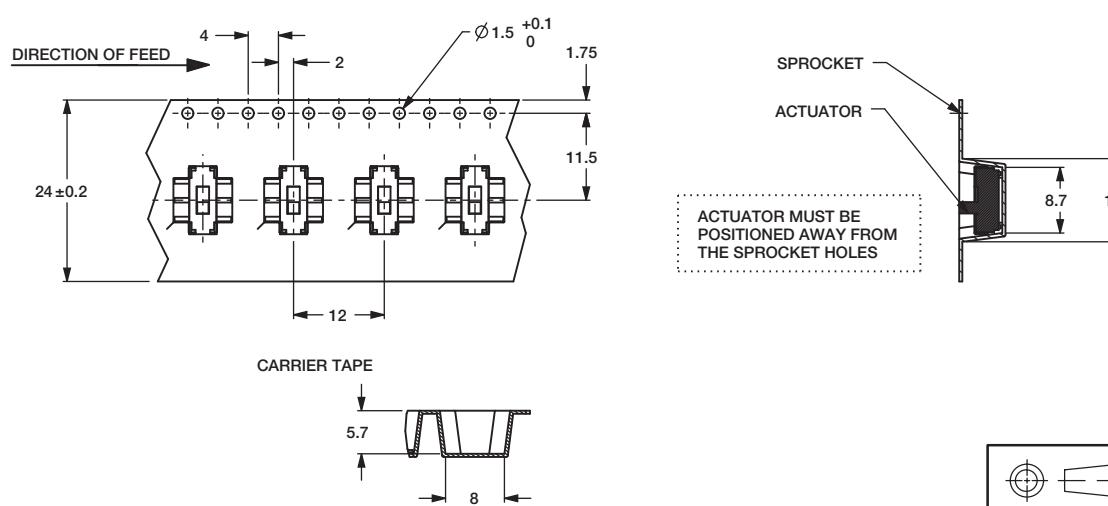
TAPE AND REEL FOR PART NUMBER JS102011SCQN

Quantity per reel 1000



TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000



ACTUATOR MUST BE POSITIONED AWAY FROM THE SPROCKET HOLES

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

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