

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: -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.

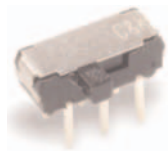
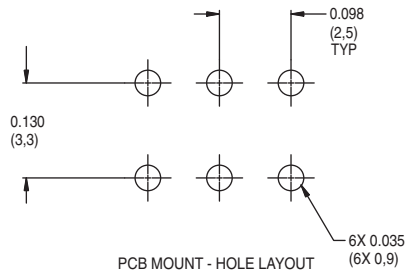
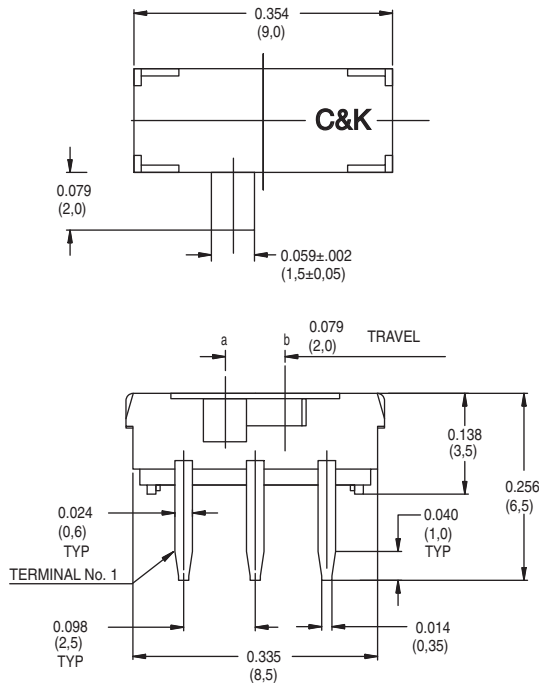
Materials

HOUSING: 4/6 nylon (UL94V-2), black.
ACTUATOR: 4/6 nylon (UL94V-2), black.
CONTACTS: Copper alloy, silver plated.
TERMINALS: Brass, silver plated

RIGHT ANGLE, PC THRU-HOLE

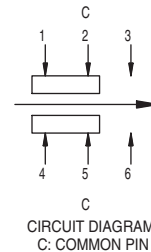
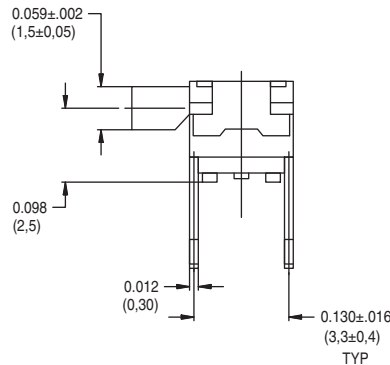
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number
JS202011AQN
DPDT

Shown in position 1



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

JS Series Sub-Miniature Slide Switches

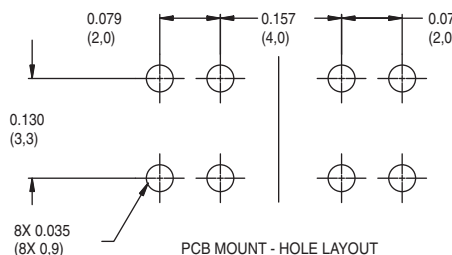
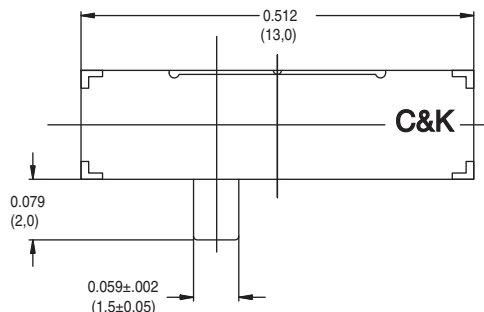
RIGHT ANGLE, PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A

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

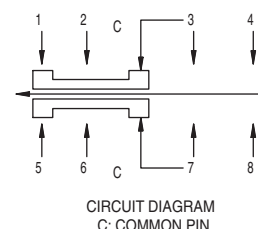
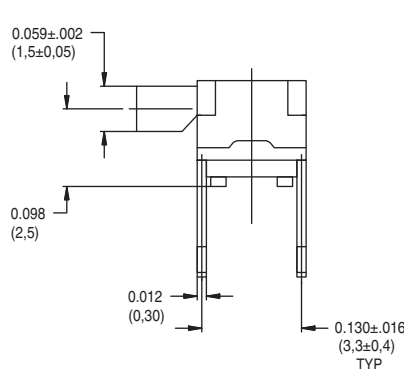
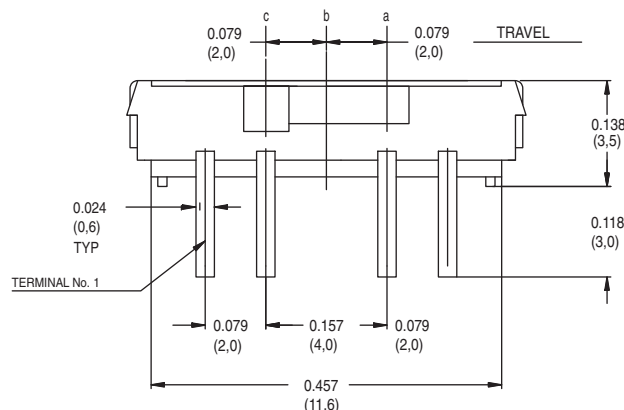
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number
JS203011AQN
DP3T

Shown in position 1



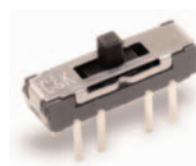
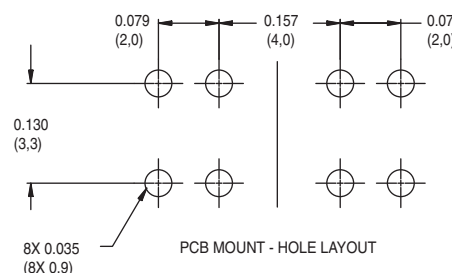
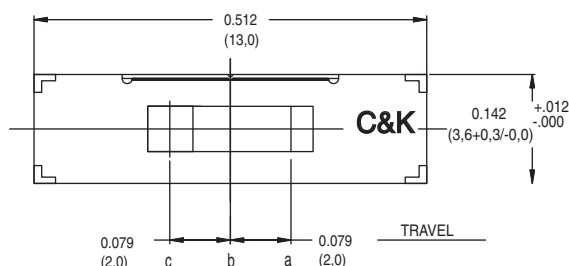
PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A

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

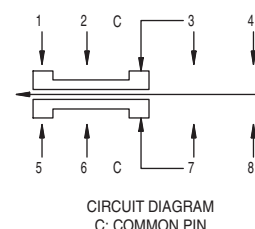
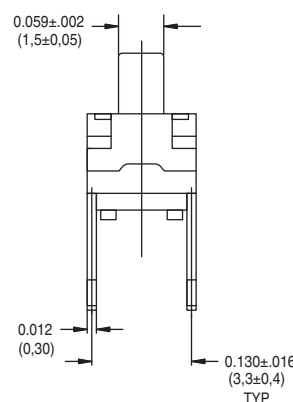
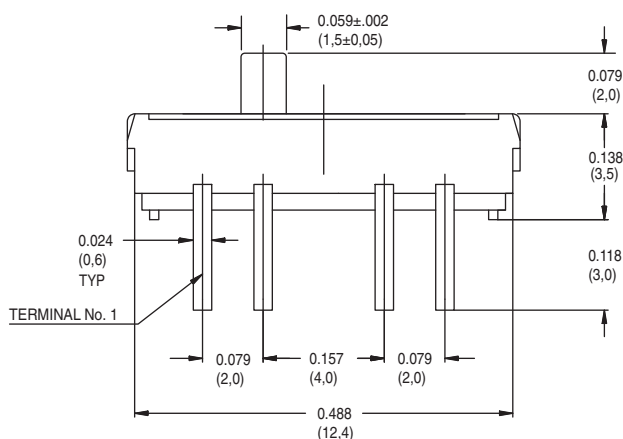
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number
JS203011CQN
DP3T

Shown in position 1



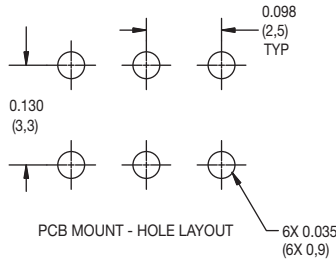
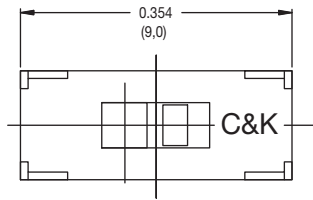
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

JS Series Sub-Miniature Slide Switches

PC THRU-HOLE

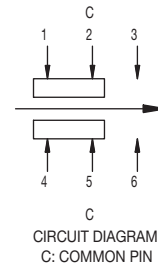
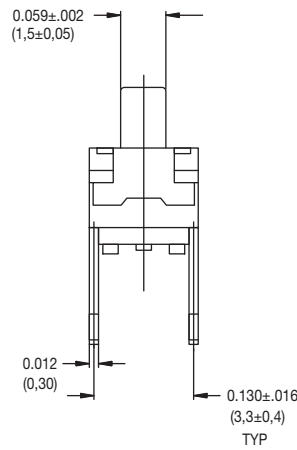
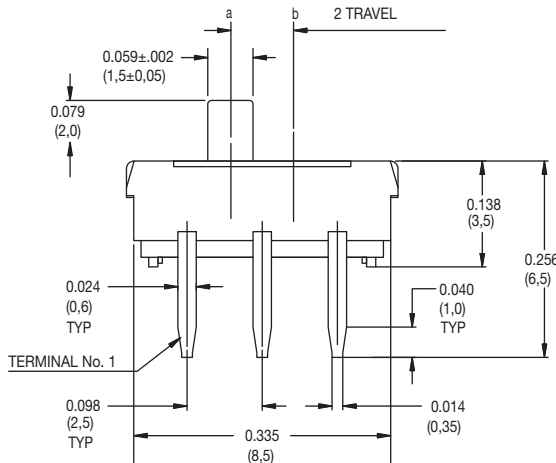
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number
JS202011CQN
DPDT

Shown in position 1



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.

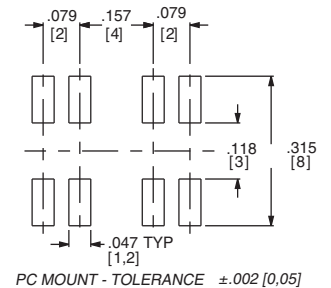
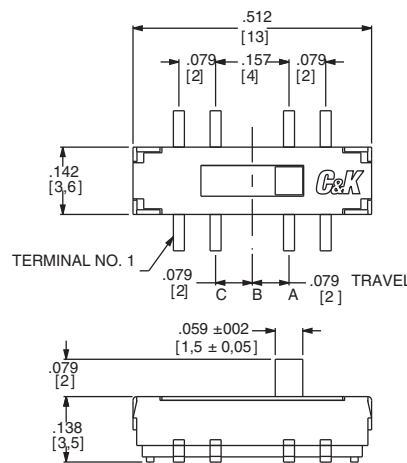
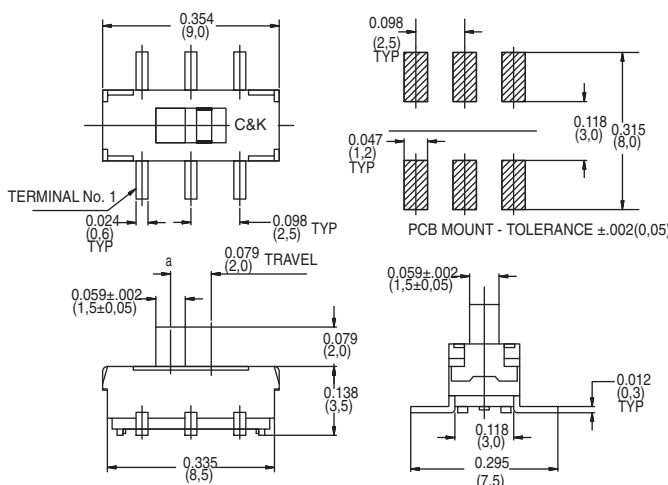


Part number
JS202011SCQN
DPDT

Shown in position 1. Available in tape & reel only, see page I-54

Part number
JS203011SCQN
DP3T

Shown in position 1. Available in tape & reel only, see page I-54



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW



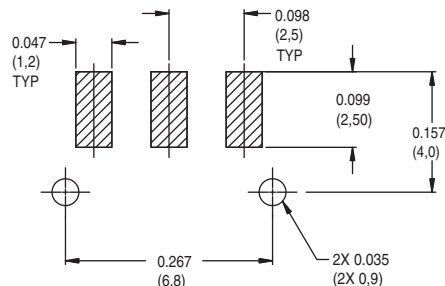
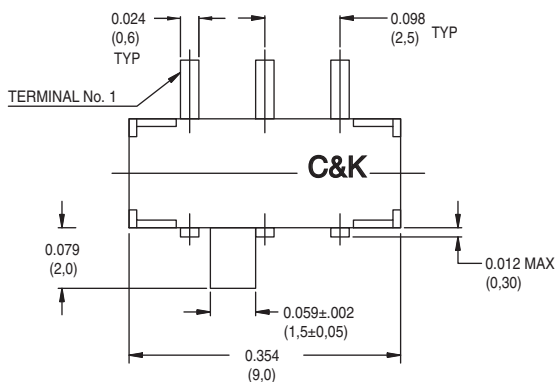
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

JS Series Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

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

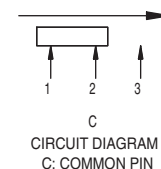
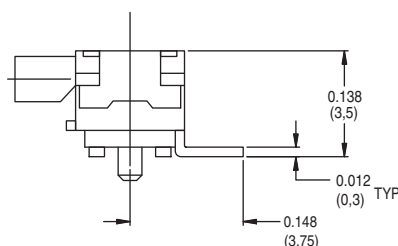
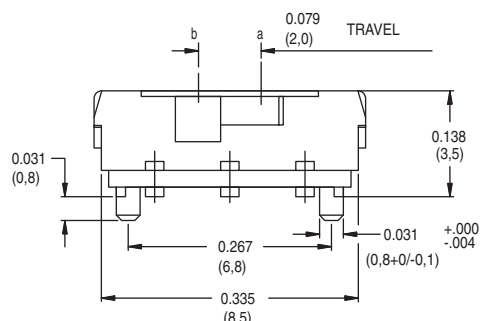
ELECTRICAL LIFE: 5,000 make-and-break cycles.
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number
JS102011SAQN
SPDT

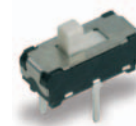
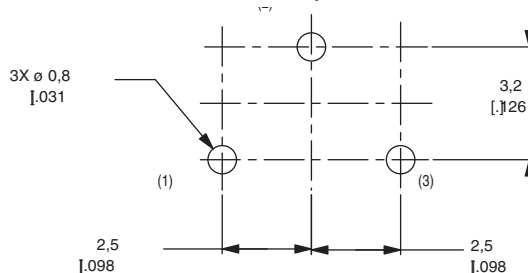
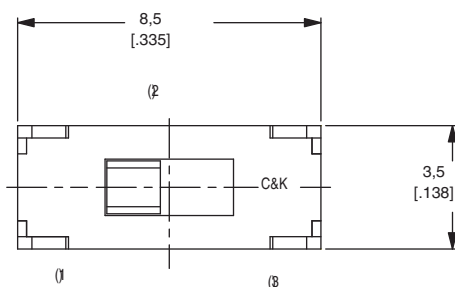
Shown in position 1

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



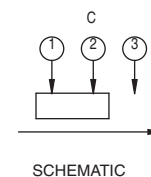
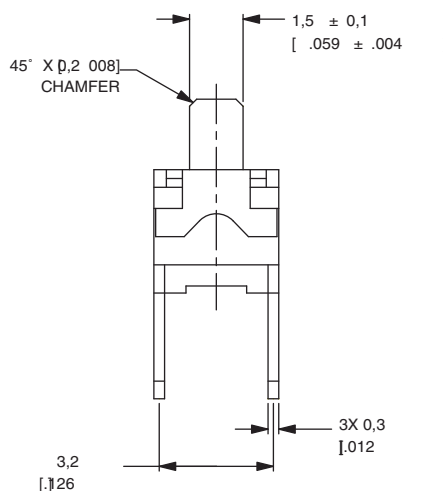
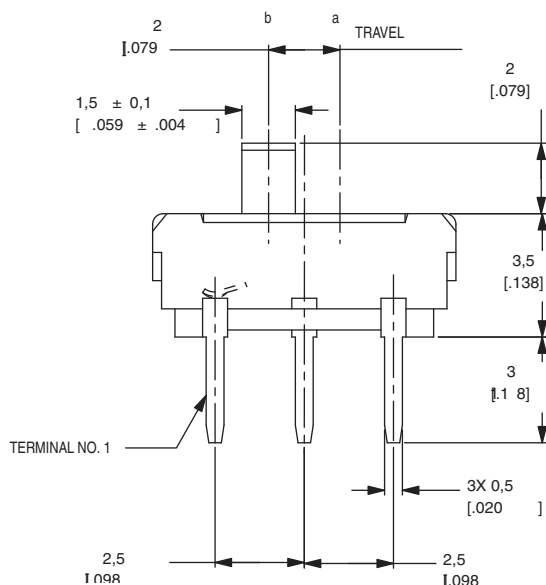
CONTACT RATING: 6 VDC @ 0.3A
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number
JS102011CQN
SPDT

Shown in position 1



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



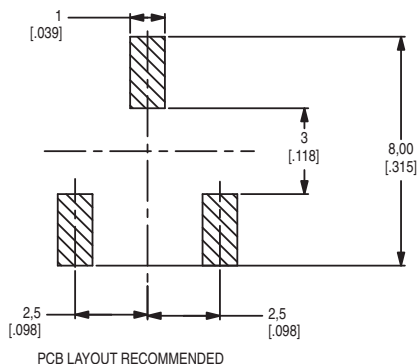
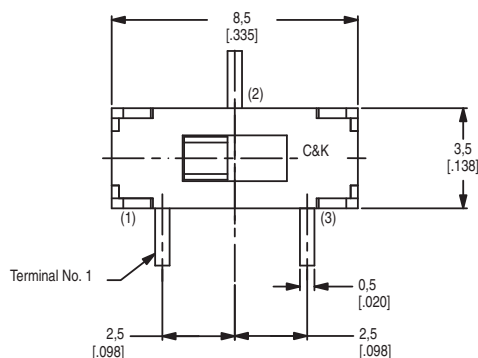
JS Series Sub-Miniature Slide Switches

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.



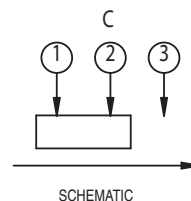
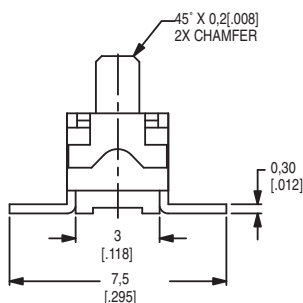
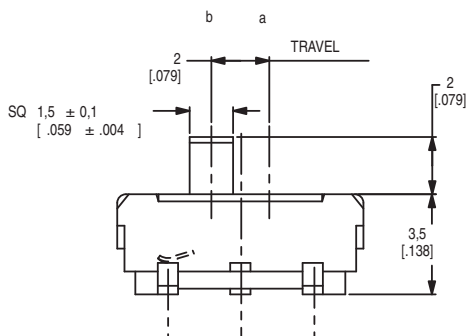
Part Number
JS102011SCQN
SPDT

Shown in position 1

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



Slide



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

Specifications

CONTACT RATING: 5 VDC @ 1MA

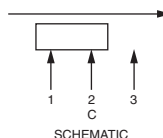
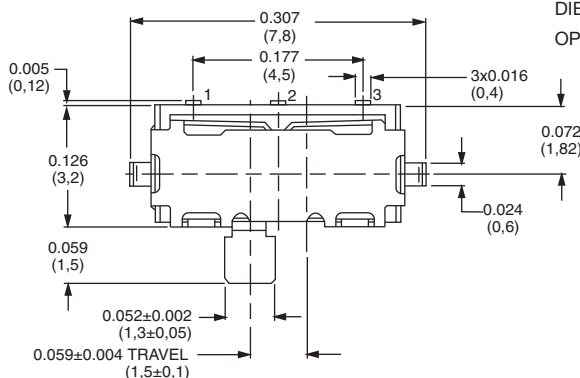
ELECTRICAL LIFE: 15,000 cycles.

CONTACT RESISTANCE: <100 m ohms (initial) <200 m ohms (after processing).

INSULATION RESISTANCE: 100 m ohms @500 VDC.

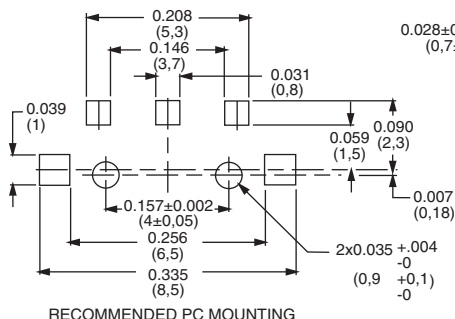
DIELECTRIC STRENGTH: 250 VAC.

OPERATING TEMPERATURE: -20°C to +70°C

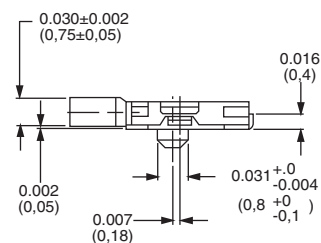
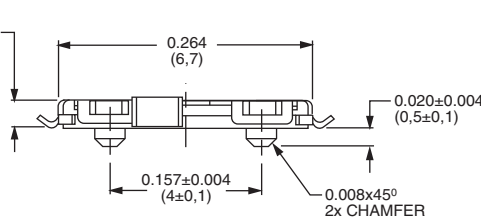


Part Number
JS102000SAQN
SPDT

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



RECOMMENDED PC MOUNTING



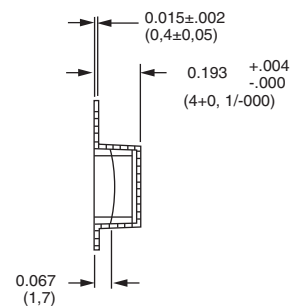
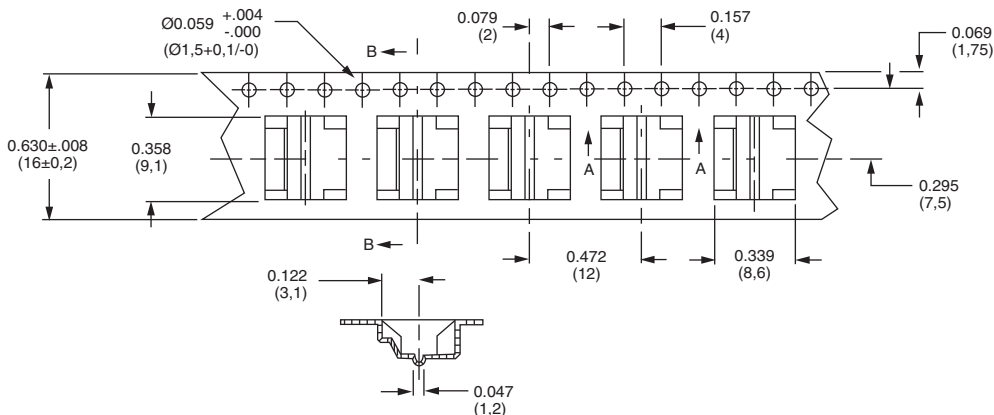
Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change



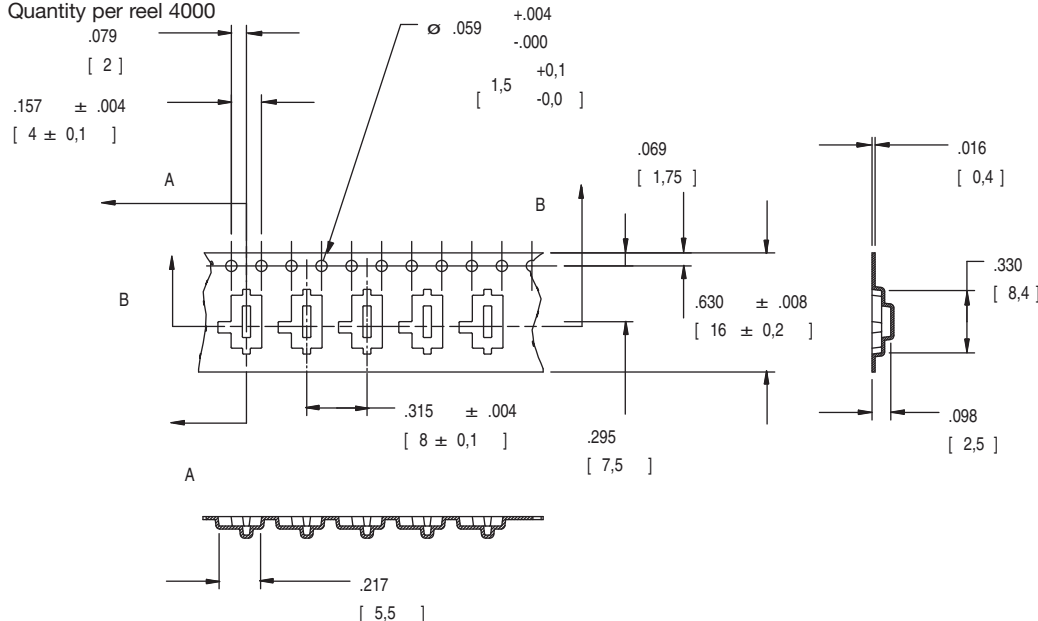
TAPE AND REEL FOR PART NUMBER JS10211SAQN

Quantity per reel 1000



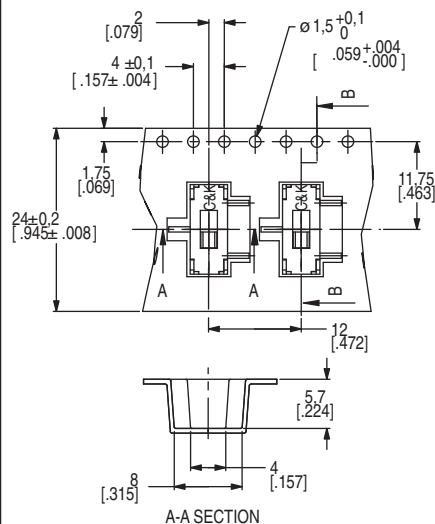
TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000



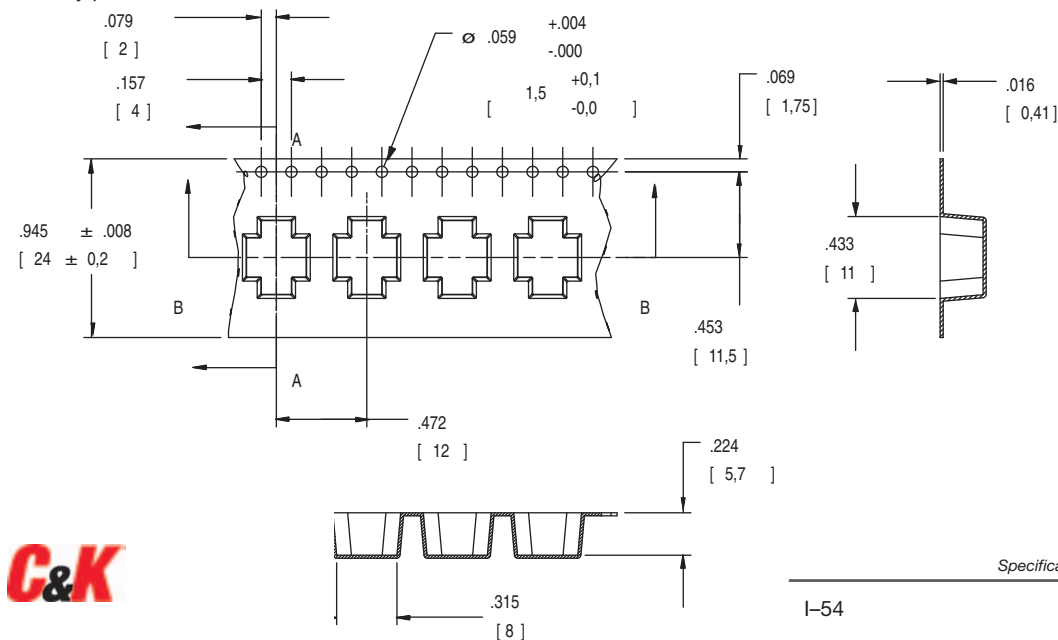
**TAPE AND REEL FOR
PART NUMBER JS102011SCQN**

Quantity per reel 1000



TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000



Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change