

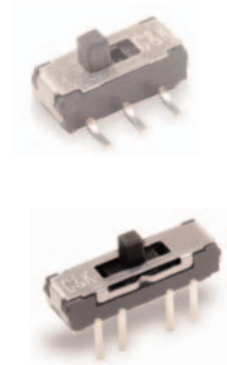
# JS Series Sub-Miniature Slide Switches

## 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  $\Omega$  max.  
INSULATION RESISTANCE: 100 M  $\Omega$  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.

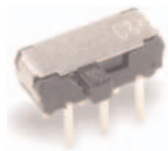
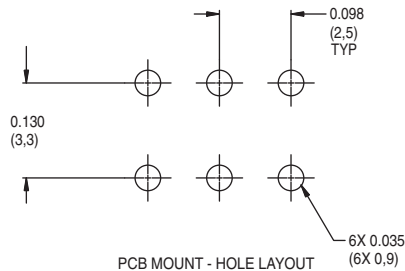
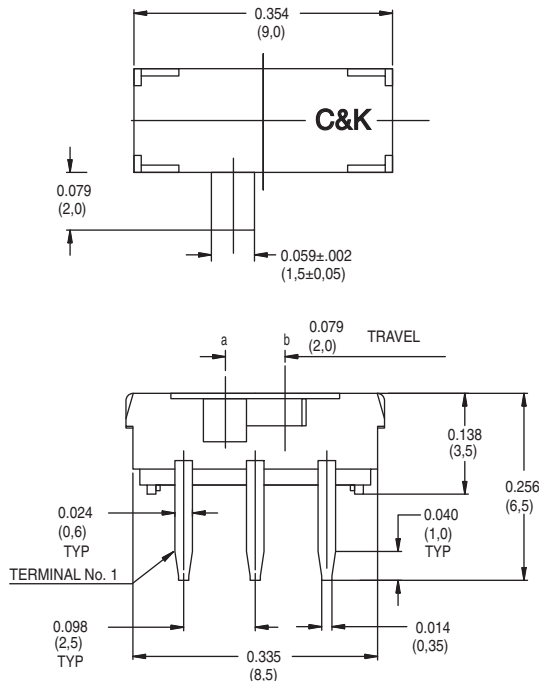
## Materials

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

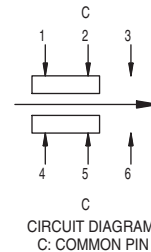
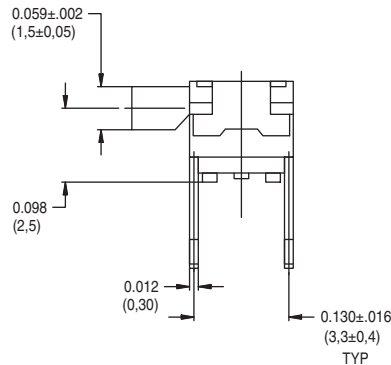
CONTACT RATING: 6 VDC @ 0.3A  
CONTACT RATING: 30 VDC @ 0.1A

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

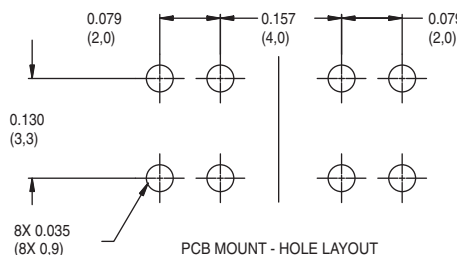
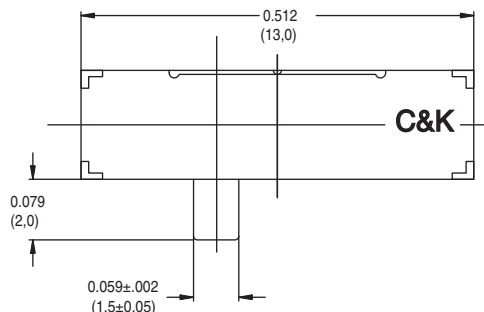
RIGHT ANGLE, PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A

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

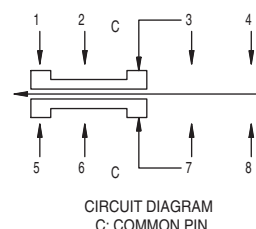
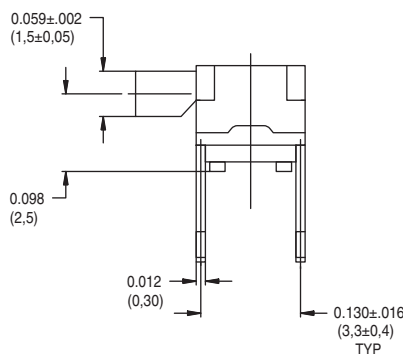
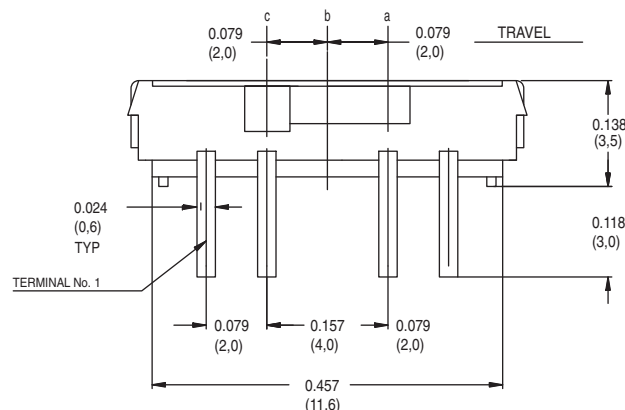
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number  
JS203011AQN  
DP3T

Shown in position 1



CIRCUIT DIAGRAM  
C: COMMON PIN

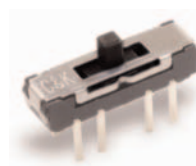
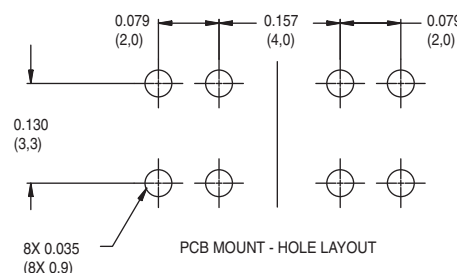
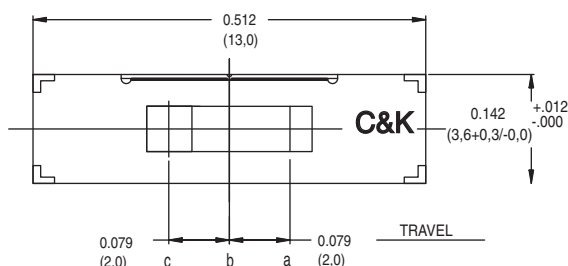
PC THRU-HOLE

CONTACT RATING: 6 VDC @ 0.3A

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

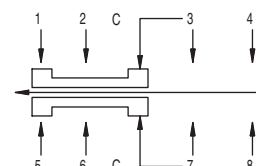
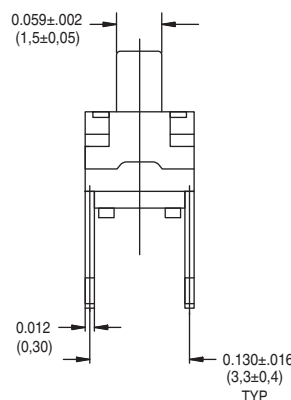
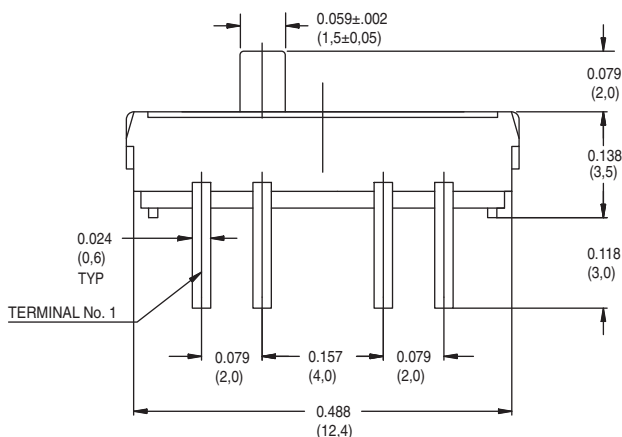
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number  
JS203011CQN  
DP3T

Shown in position 1



CIRCUIT DIAGRAM  
C: COMMON PIN



Third Angle  
Projection

Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change

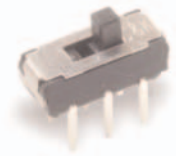
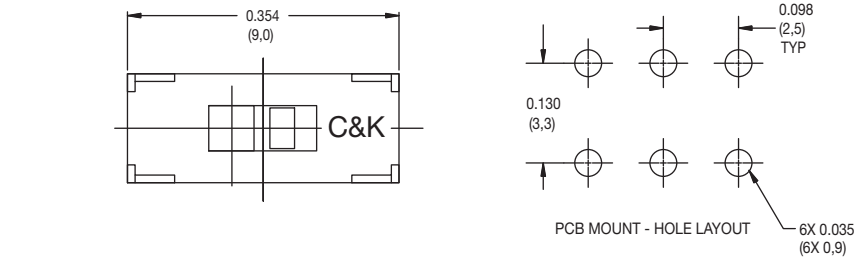


# JS Series Sub-Miniature Slide Switches

**PC THRU-HOLE**

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

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

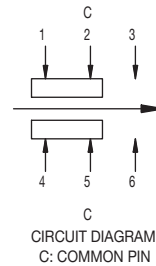
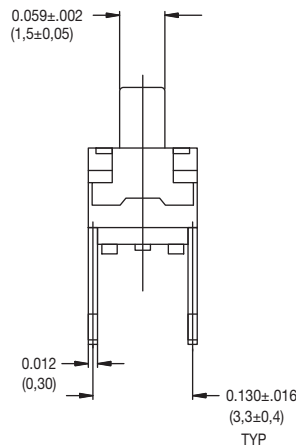
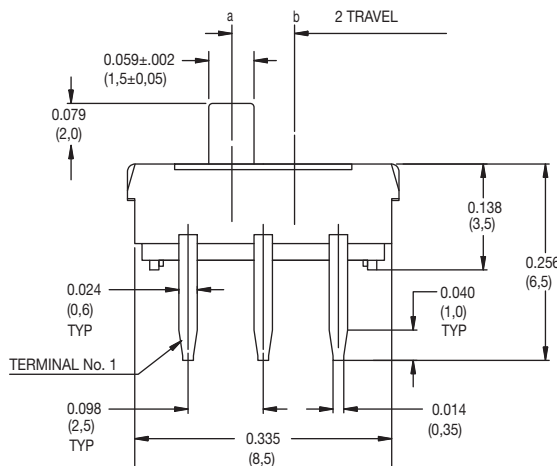


Part Number  
JS202011CQN  
**DPDT**



# Slide

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.

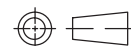
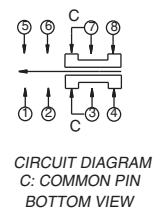
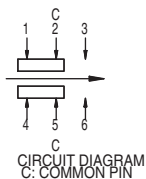
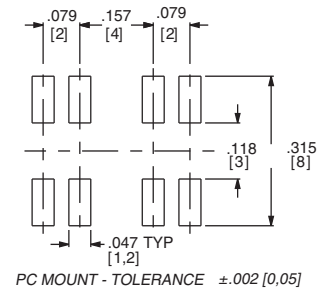
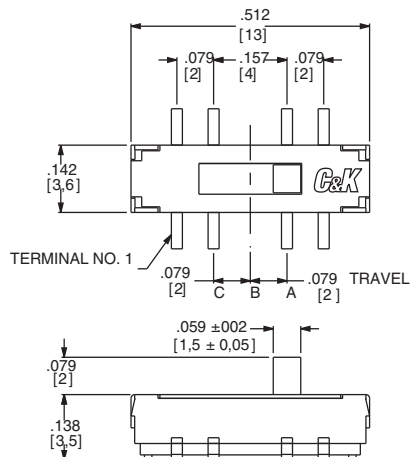
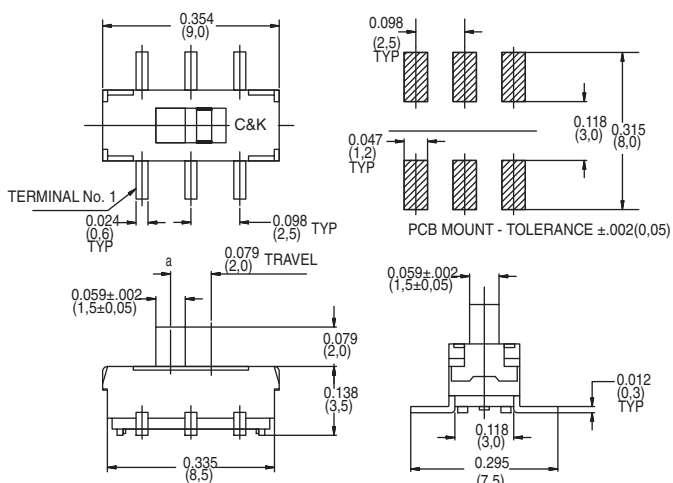


Part number  
JS202011SCQN  
**DPDT**

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



### Third Angle Projection

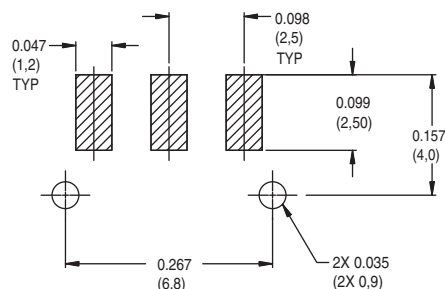
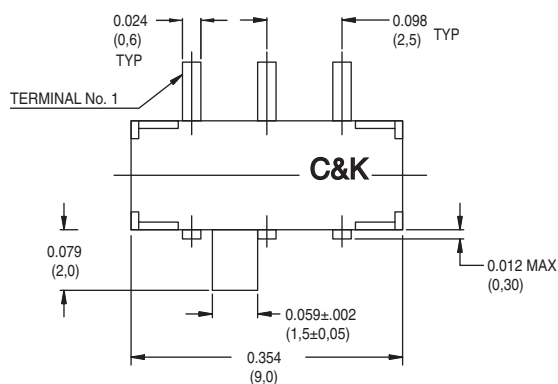
Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

# JS Series Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

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

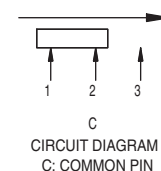
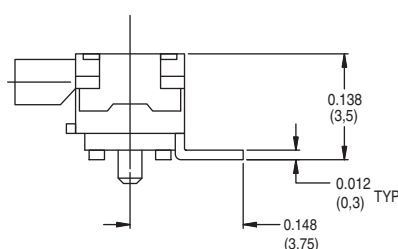
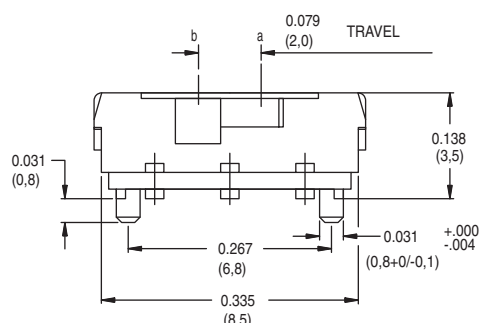
ELECTRICAL LIFE: 5,000 make-and-break cycles.  
ELECTRICAL LIFE: 15,000 make-and-break cycles.



Part Number  
JS102011SAQN  
SPDT

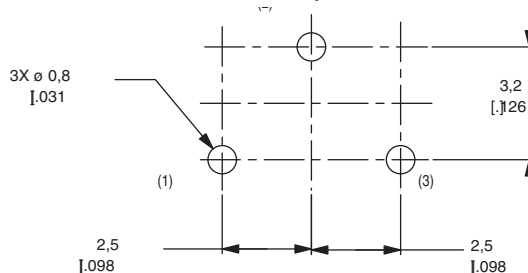
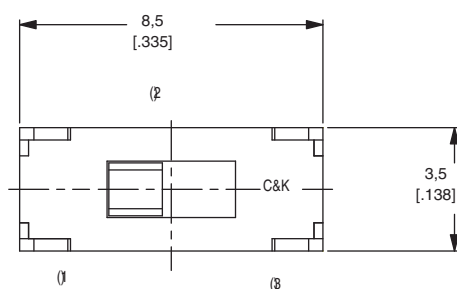
Shown in position 1

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



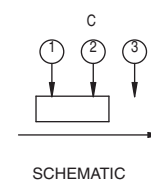
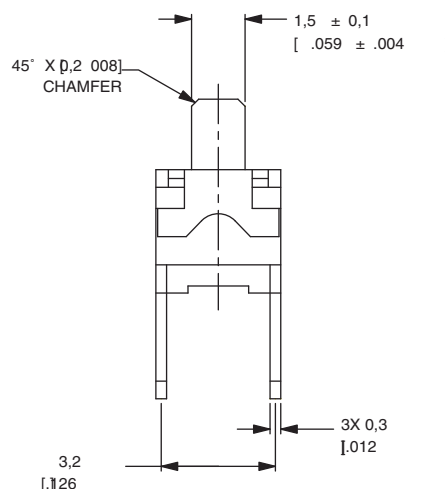
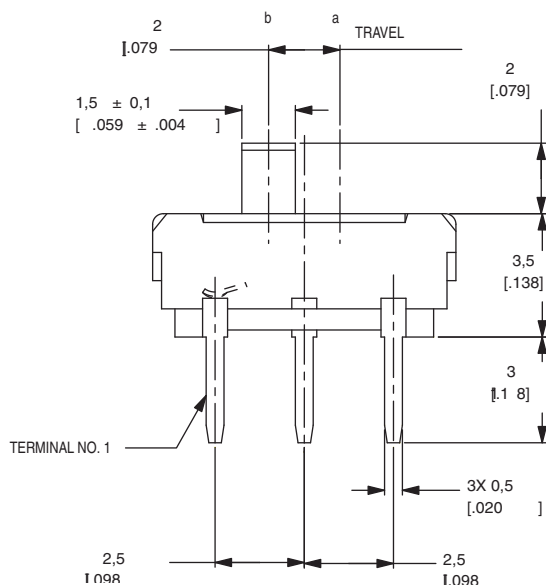
CONTACT RATING: 6 VDC @ 0.3A  
CONTACT RATING: 30 VDC @ 0.1A

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



Part Number  
JS102011CQCN  
SPDT

Shown in position 1



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



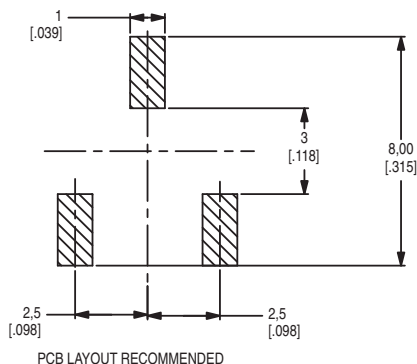
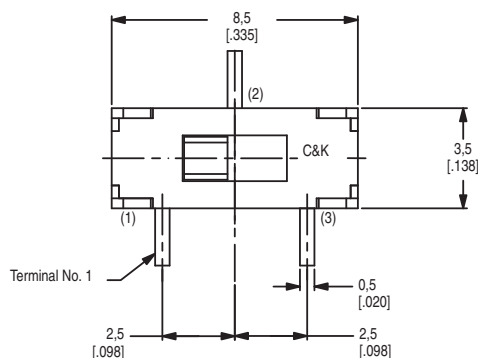
# JS Series Sub-Miniature Slide Switches

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.



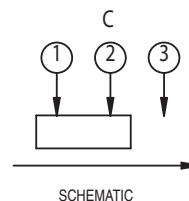
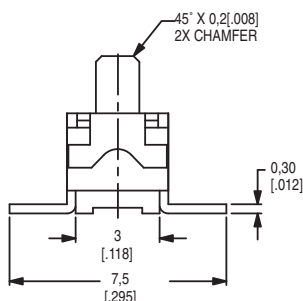
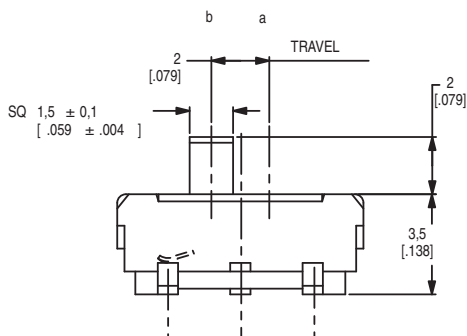
Part Number  
JS102011SCQN  
SPDT

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

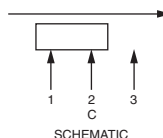
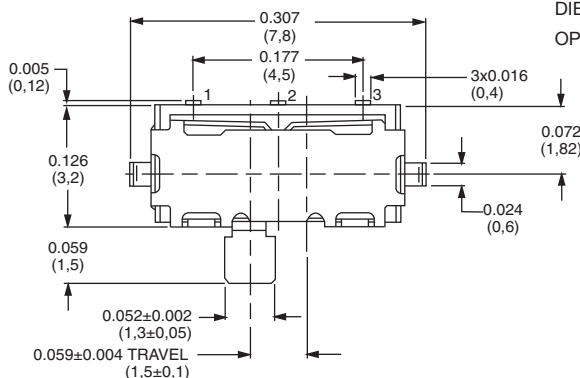
ELECTRICAL LIFE: 15,000 cycles.

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

INSULATION RESISTANCE: 100 m ohms @500 VDC.

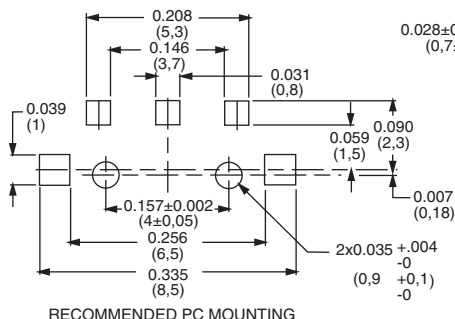
DIELECTRIC STRENGTH: 250 VAC.

OPERATING TEMPERATURE: -20°C to +70°C

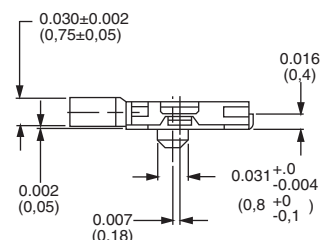
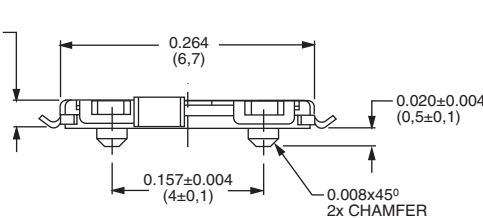


Part Number  
JS102000SAQN  
SPDT

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



RECOMMENDED PC MOUNTING



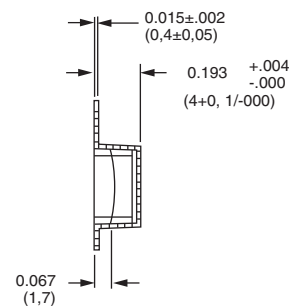
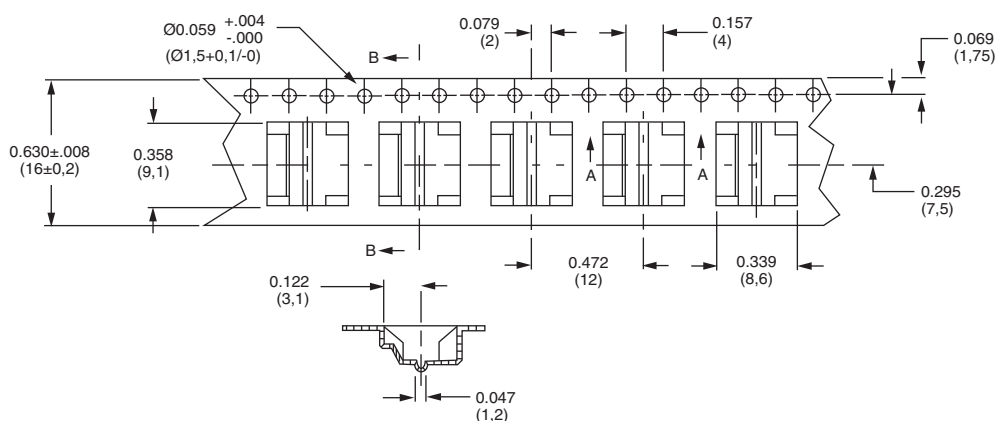
Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change



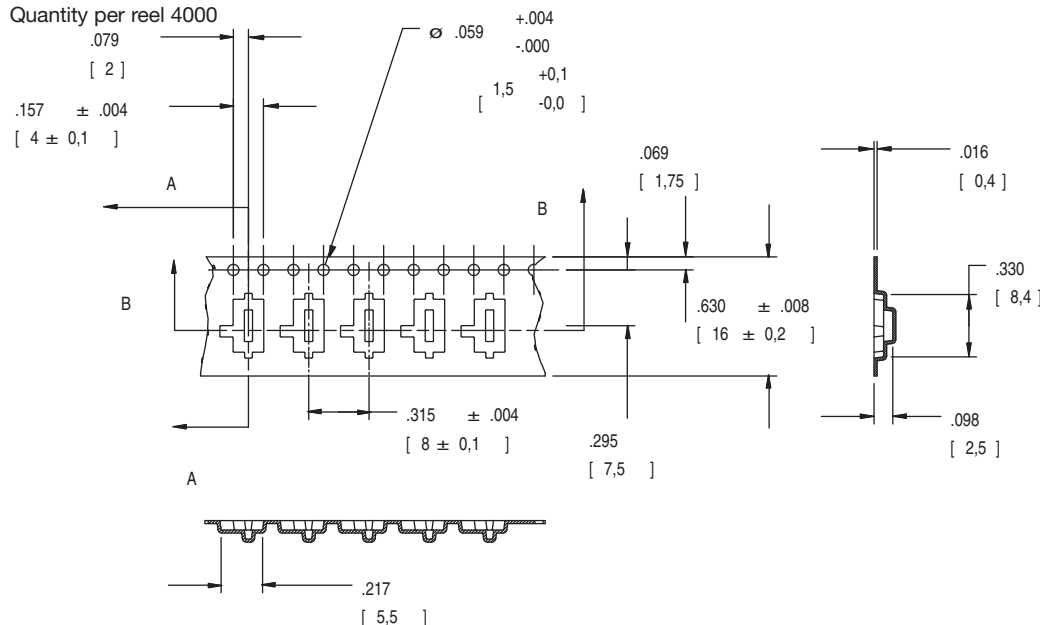
TAPE AND REEL FOR PART NUMBER JS10211SAQN

Quantity per reel 1000



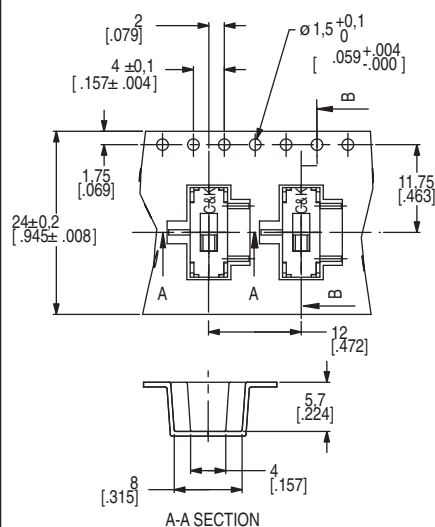
TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000



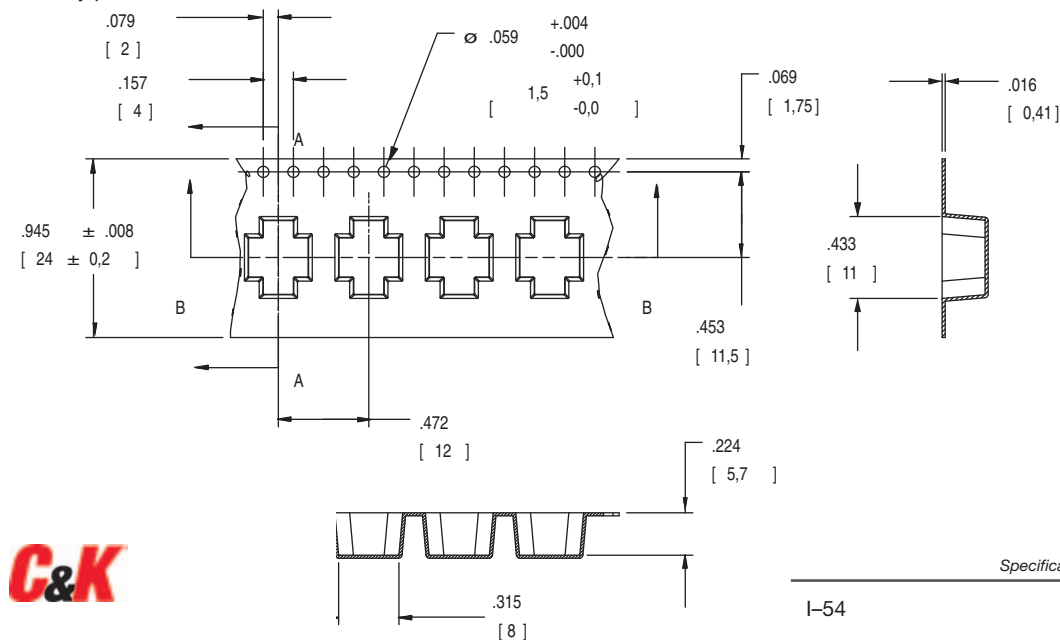
**TAPE AND REEL FOR  
PART NUMBER JS102011SCQN**

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