

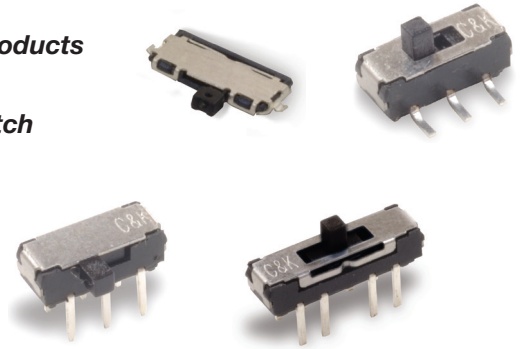
JS Series Sub-Miniature Slide Switches

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

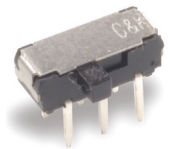
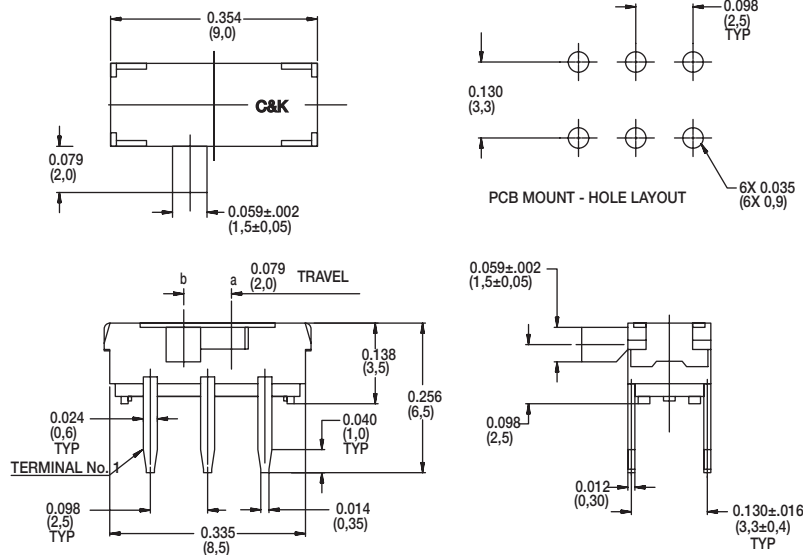
CONTACT RATING: 6 VDC @ 0.3A
ELECTRICAL LIFE: 5,000 make-and-break cycles
CONTACT RESISTANCE: 70 m Ω max.
INSULATION RESISTANCE: 100 M Ω min. @ 500V.
DIELECTRIC STRENGTH: 500 VAC min. @ sea level.
OPERATING TEMPERATURE: -40°C to +85°C
STORAGE TEMPERATURE: -40°C to +85°C

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

Materials

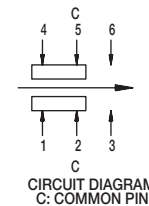
HOUSING: 4/6 nylon (UL94V-2), black.
ACTUATOR: 4/6 nylon (UL94V-2), black (some options white).
CONTACTS: Copper alloy, silver plated.
TERMINALS: Brass, silver plated

RIGHT ANGLE, PC THRU-HOLE



Part Number
JS202011AQN
DPDT

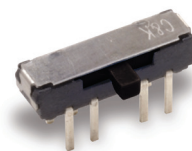
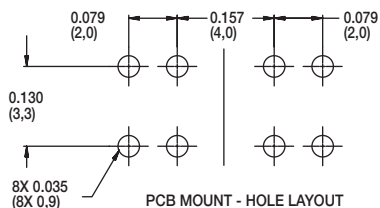
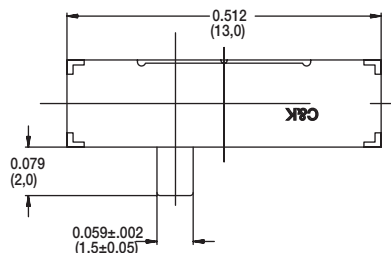
Shown in position b



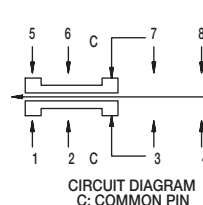
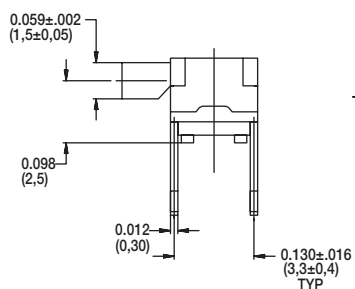
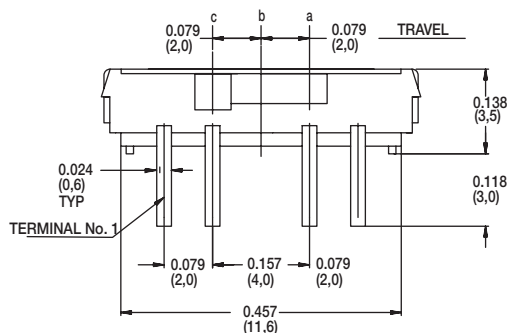
Shown in position b

JS Series Sub-Miniature Slide Switches

RIGHT ANGLE, PC THRU-HOLE



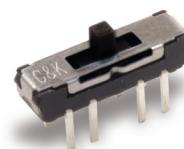
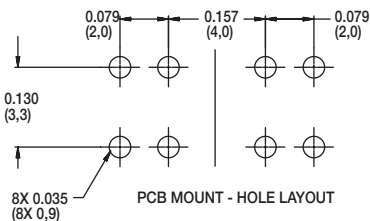
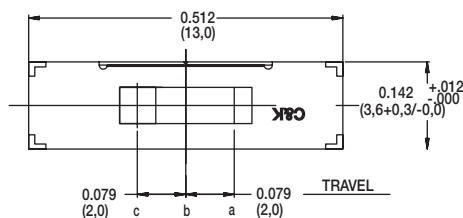
Part Number
JS203011AQN
DP3T



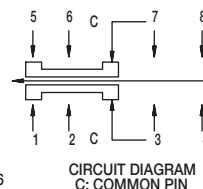
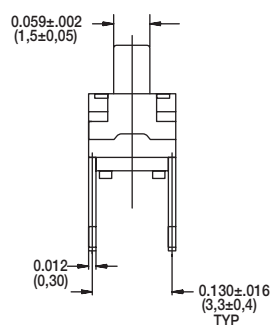
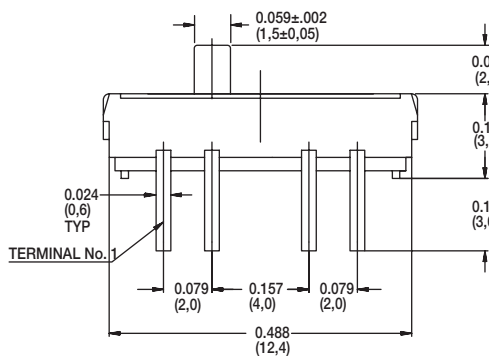
Shown in position b

Shown in position c

PC THRU-HOLE



Part Number
JS203011CQN
DP3T

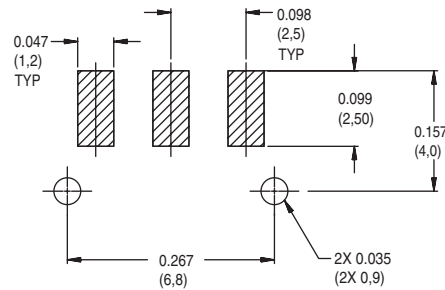
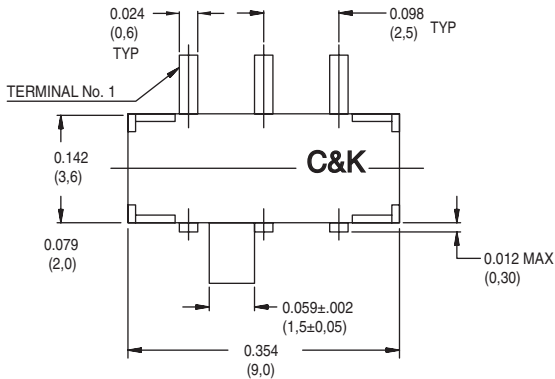


Shown in position b

Shown in position c

JS Series Sub-Miniature Slide Switches

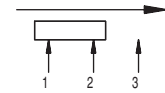
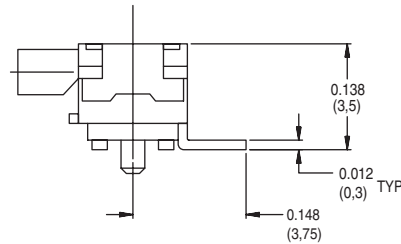
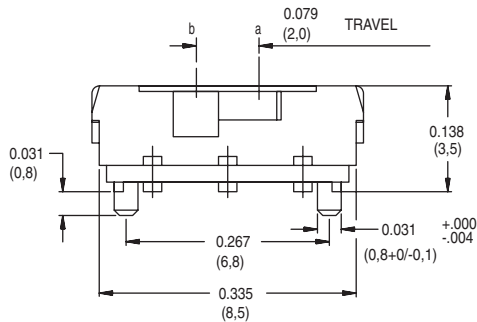
RIGHT ANGLE SURFACE MOUNT



Part Number
JS102011SAQN
SPDT

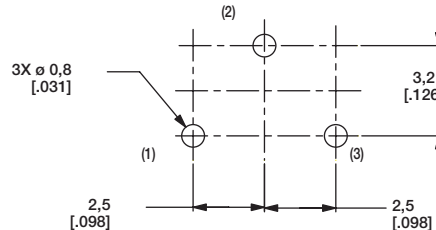
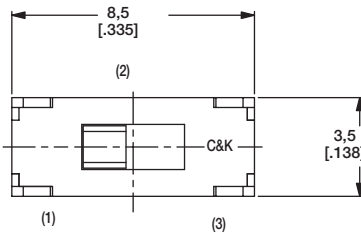
Shown in position a

Available in tape & reel only, see page I-59



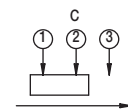
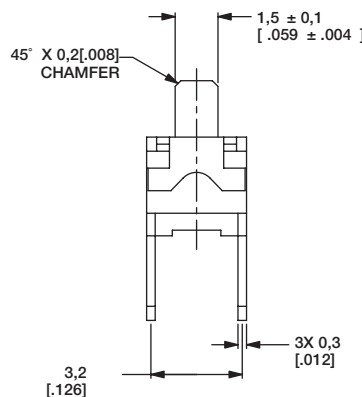
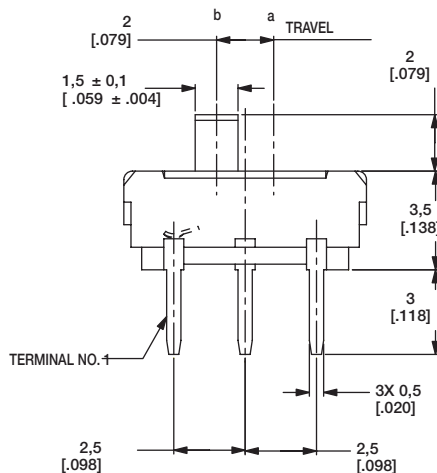
Shown in position b

PC THRU-HOLE



Part Number
JS102011CQN
SPDT

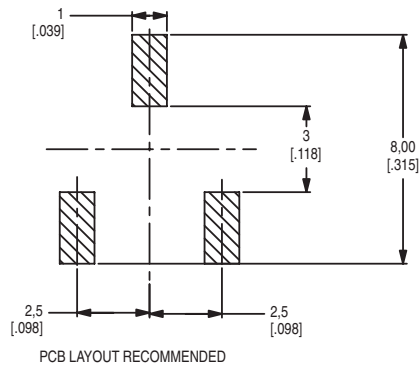
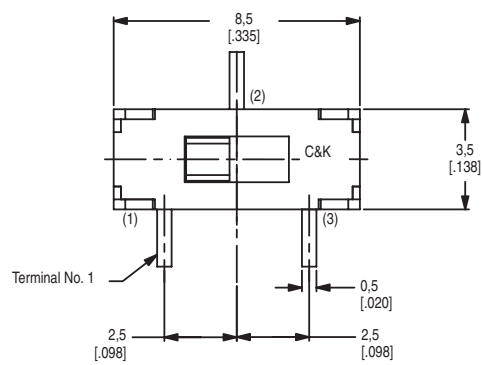
Shown in position a



Shown in position b

JS Series Sub-Miniature Slide Switches

SURFACE MOUNT



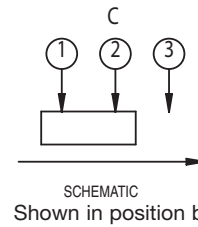
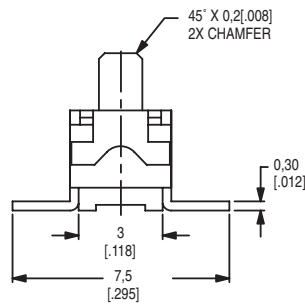
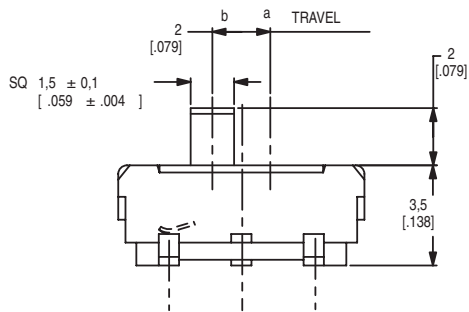
Part Number
JS102011SCQN
SPDT

Shown in position a

Available in tape & reel
only, see page I-59

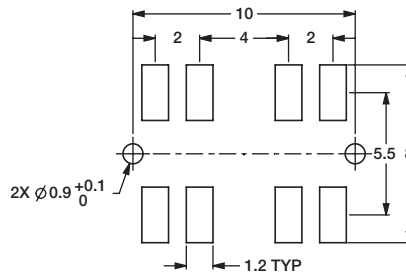
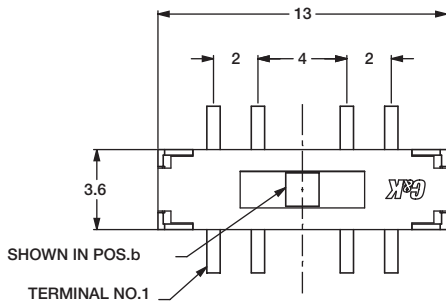


Slide

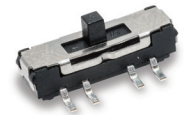
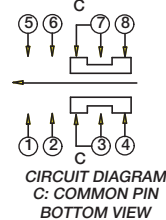


SURFACE MOUNT

NEW



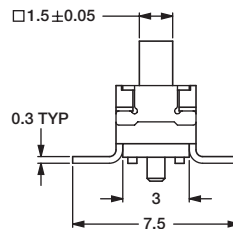
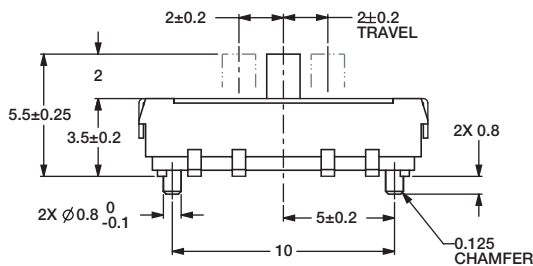
PC MOUNT - TOLERANCE ±.05



Part Number
JS207011SCQNR
DP3T

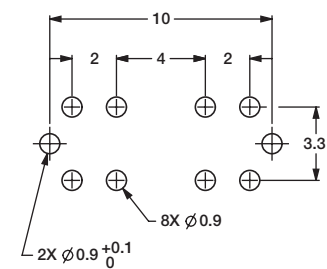
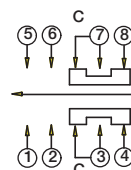
Shown in position b

Available in tape & reel
only, see page I-58



SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K (MOM)	C&K ON	C&K ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8

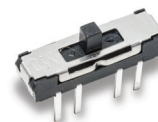
Slide

PC MOUNT - TOLERANCE $\pm .05$ 

**CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW**

SWITCH FUNCTION		
POS.c	POS.b	POS.a
		
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3-5-7	2-3-6-7	3-4-7-8

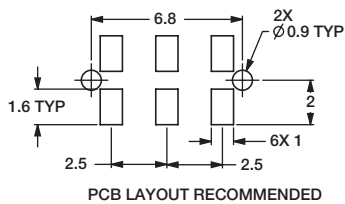
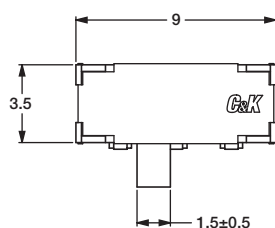
NEW



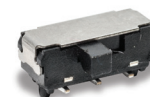
Part Number
JS207011CQNR
DP3T

Shown in position b

NEW



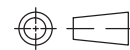
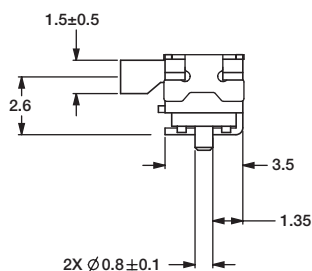
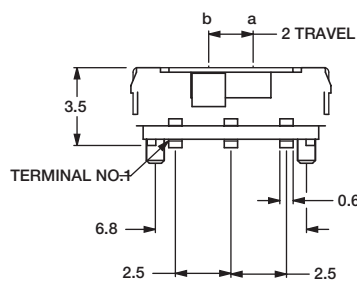
**CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW**



Part Number
JS102011JAQN
SPDT

Shown in position

Available in tape & reel
only, see page I-59

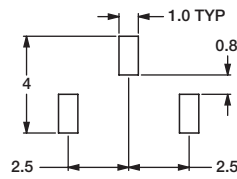
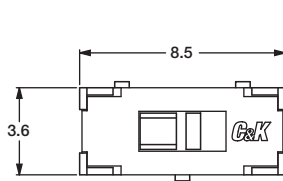


Third Angle Projection

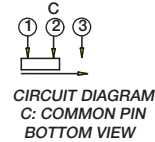
Dimensions are shown: mm
Specifications and dimensions subject to change

JS Series Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND

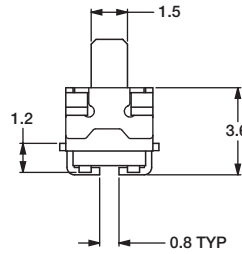
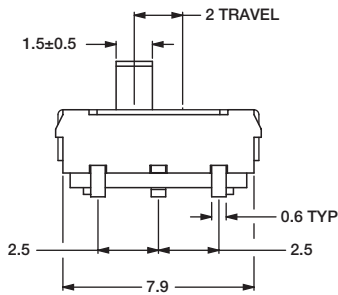


PCB LAYOUT RECOMMENDED

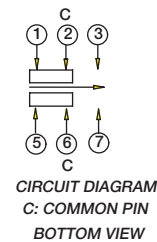
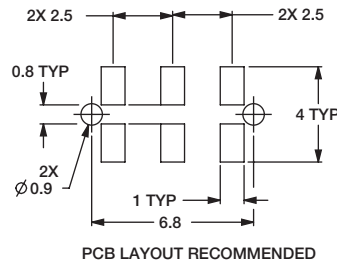
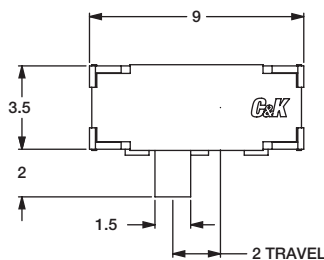


Part Number
JS102011JCQN
SPDT

Available in tape & reel
only, see page I-59



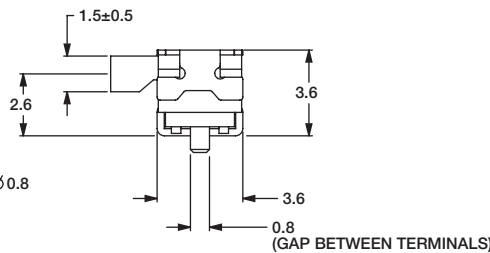
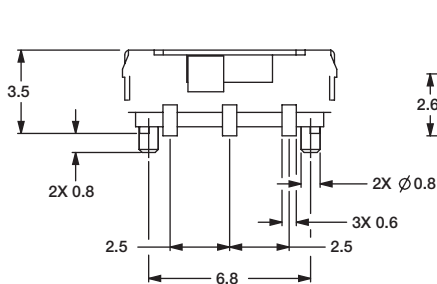
RIGHT ANGLE SURFACE MOUNT



Part Number
JS202011JAQN
DPDT

Shown in position

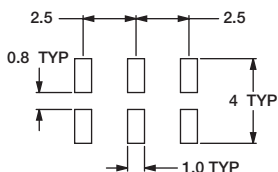
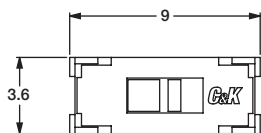
Available in tape & reel
only, see page I-61



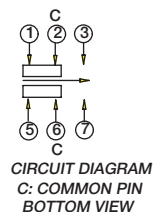
Dimensions are shown: mm
Specifications and dimensions subject to change

JS Series Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND



PCB LAYOUT RECOMMENDED



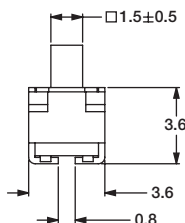
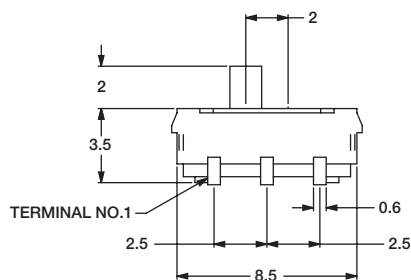
Part Number
JS202011JCQN

DPDT

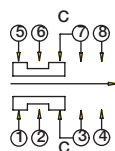
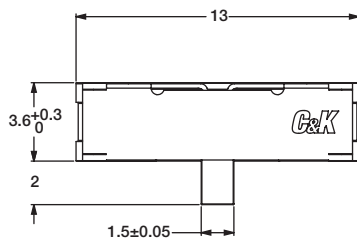
Shown in position

Available in tape & reel
only, see page I-61

NEW



RIGHT ANGLE MOUNT SMT - J BEND

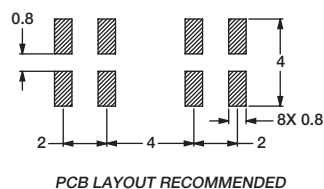
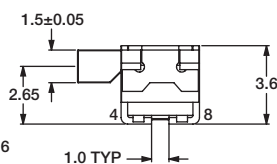
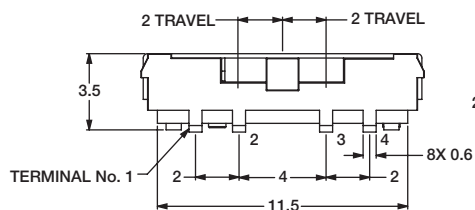


Part Number
JS203011JAQN
DP3T

Shown in position

Available in tape & reel
only, see page I-60

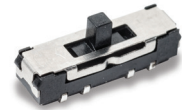
NEW



JS Series Sub-Miniature Slide Switches

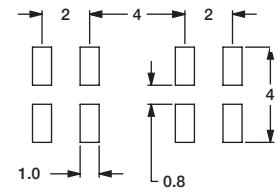
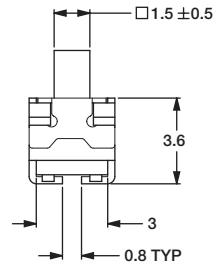
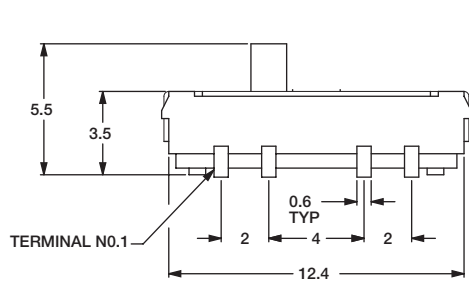
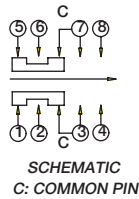
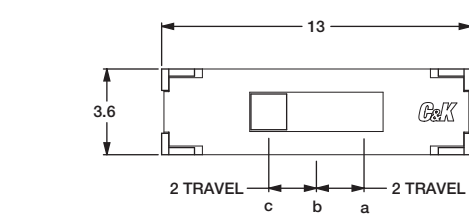
VERTICAL MOUNT SMT - J BEND

NEW



Part Number
JS203011JCQN
DP3T

Available in tape & reel
only, see page I-60



PCB LAYOUT RECOMMENDED



Slide

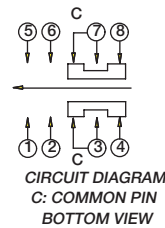
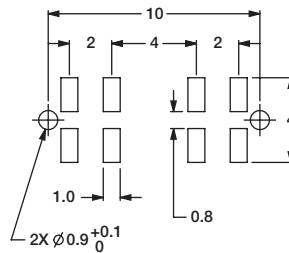
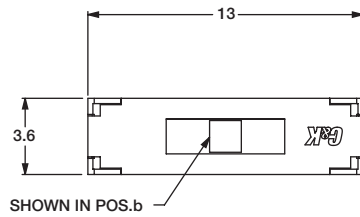
SURFACE MOUNT - J BEND

NEW

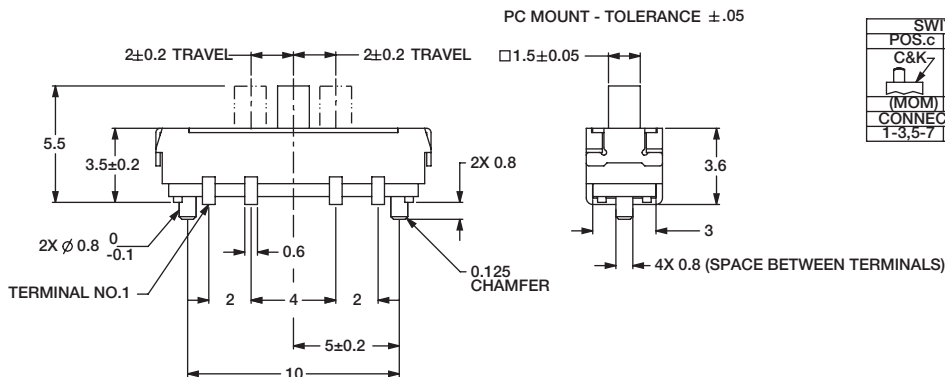


Part Number
JS207011JCQNR
SP3T

Available in tape & reel
only, see page I-58



PC MOUNT - TOLERANCE ±.05



SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K	C&K	C&K
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8

Slide

Quantity per reel 800

DETAIL 'A'

Technical drawing of a carrier tape showing top, side, and cross-sectional views with dimensions.

Top View Dimensions:

- Overall width: 24 ± 2
- Overall length: 12
- Pin diameter: $\varnothing 1.5$ with a tolerance of $+0.1$ over -0
- Pin pitch (center-to-center): 2
- Pin width: 4
- Distance from pin center to tape edge: C
- Distance from pin center to carrier body edge: B
- Carrier body width: 11.5
- Carrier body thickness: 1.75
- Carrier body depth: 4 ± 0.02

Side View Dimensions:

- Carrier body width: 11.5
- Carrier body thickness: 1.75
- Carrier body depth: 4 ± 0.02

Cross-sectional View Dimensions:

- Carrier body width: 11.5
- Carrier body thickness: 1.75
- Carrier body depth: 4 ± 0.02

Other Labels:

- SHOWN IN POS.2
- CARRIER TAPE

COVER TAPE

POCKET

Quantity per reel 1000

Technical drawing of a circular component. The drawing shows a circle with a diameter of 330. Inside the circle, there is a central hole with a diameter of 24.4. The distance from the center of the hole to the edge of the circle is 30.4. There are four trapezoidal features arranged around the central hole. A callout points to the central hole with the text "SEE DETAIL B". The drawing is labeled "REEL SCALE 1/4:1".

3X 2±0.5

Ø 13

Ø 21

R

DETAIL B

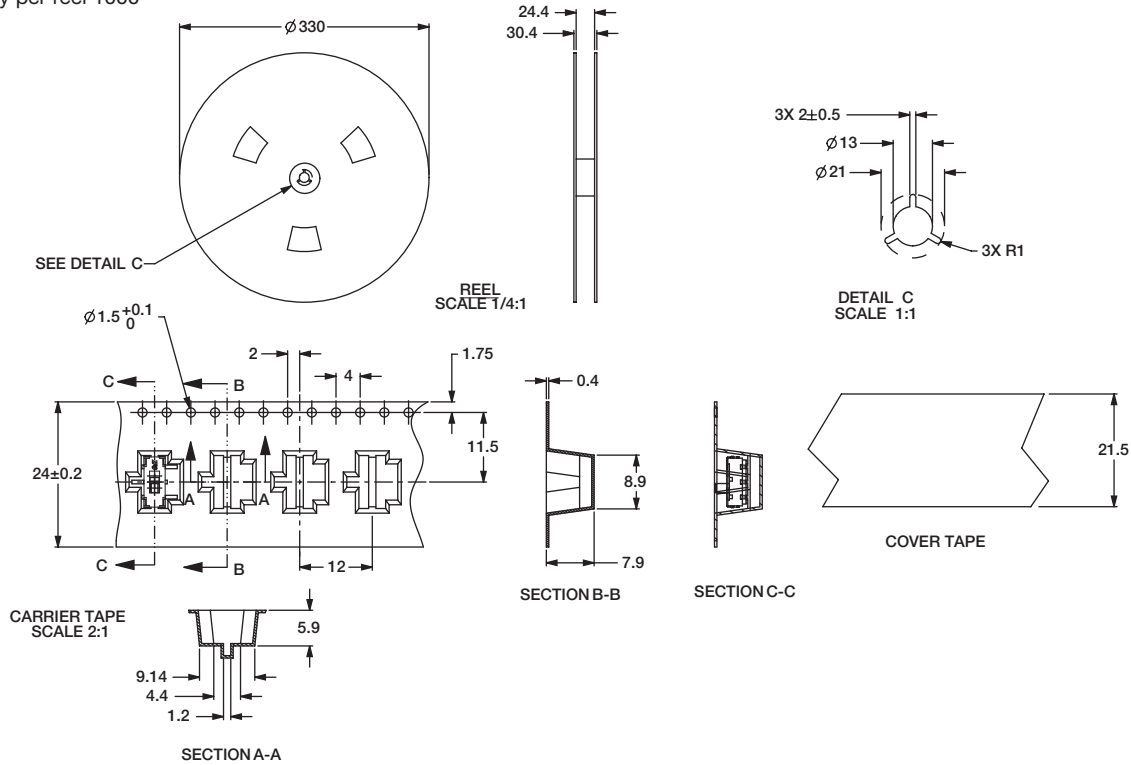
SCALE 1:1

Technical drawing of a 10-hole metal plate. The main view shows a plate with a total width of 24 ± 0.2 and a total length of 12. There are 10 holes in total, with 2 typical (TYP) holes on the left and 4 typical (TYP) holes on the right. The distance between the centerlines of the holes is 1.75. The distance from the centerline of the first hole to the left edge is 11.5. The distance from the centerline of the last hole to the right edge is 12. The section view, labeled SECTION B-B, shows the profile of the plate with a thickness of 8 and a flange height of 5.7. The section view also shows the 10 holes with a diameter of $\phi 1.5$ TYP. The section view is labeled with A and B.

Diagram of a cover tape with a width of 2 units.

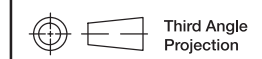
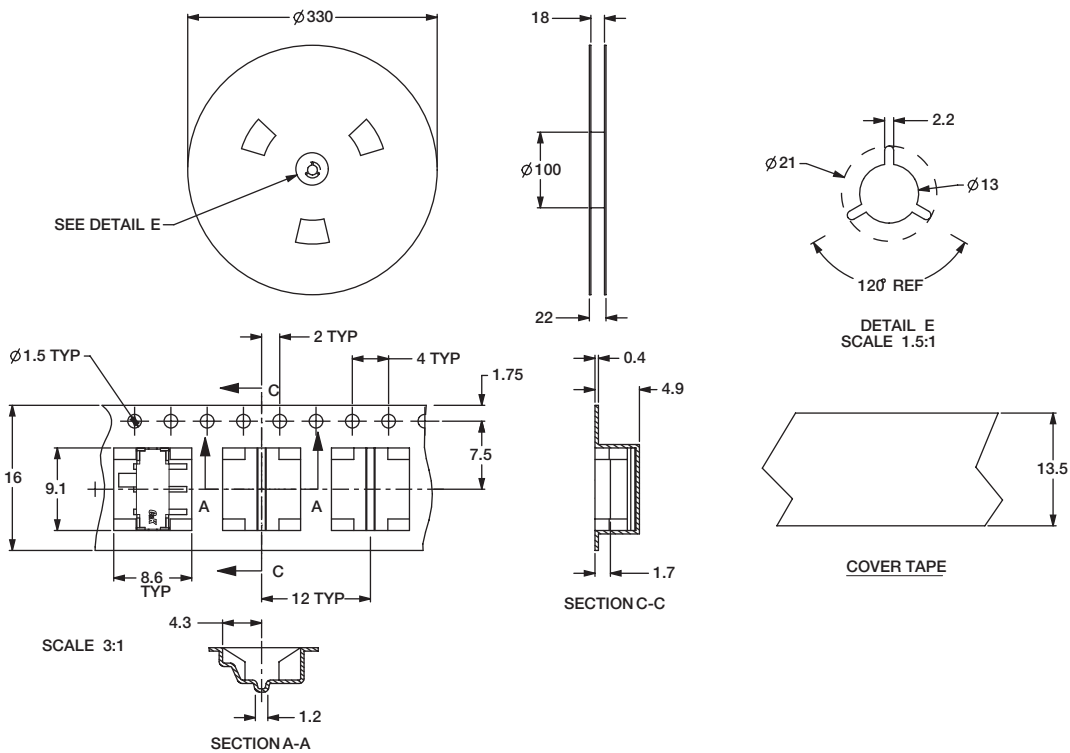
JS Series Sub-Miniature Slide Switches

TAPE AND REEL FOR
PART NUMBER JS102011SCQN, JS102011JCQN
Quantity per reel 1000



TAPE AND REEL FOR PART NUMBER JS102011SAQN, JS102011JAQN

Quantity per reel 1000



Dimensions are shown: mm
Specifications and dimensions subject to change

Slide



Slide

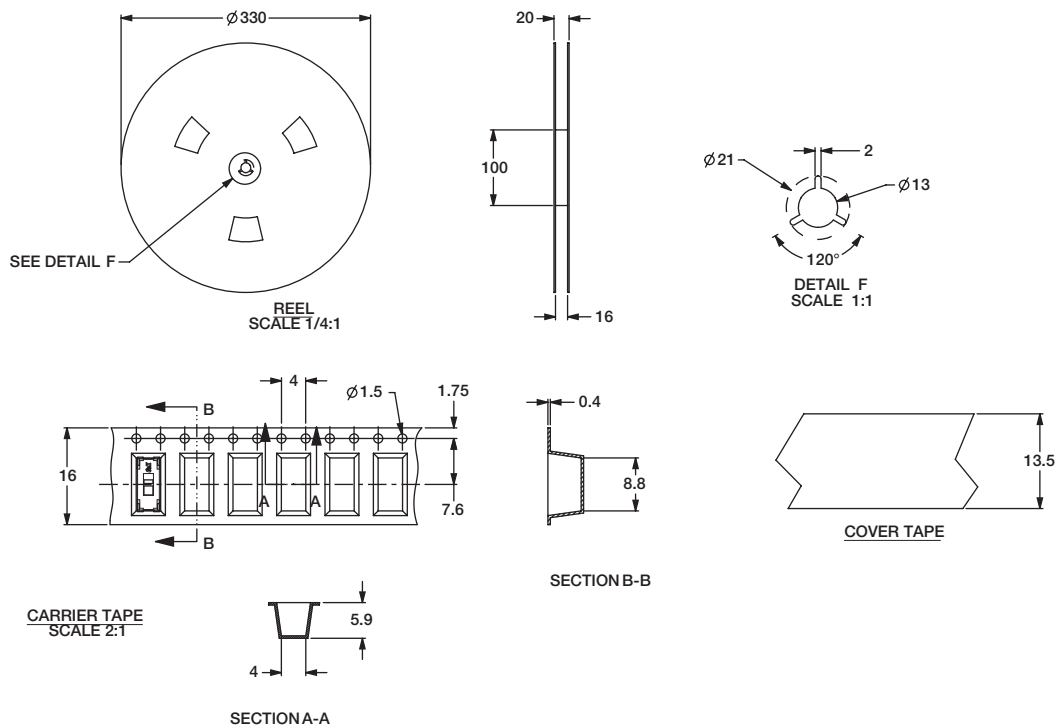
Slide



JS Series Sub-Miniature Slide Switches

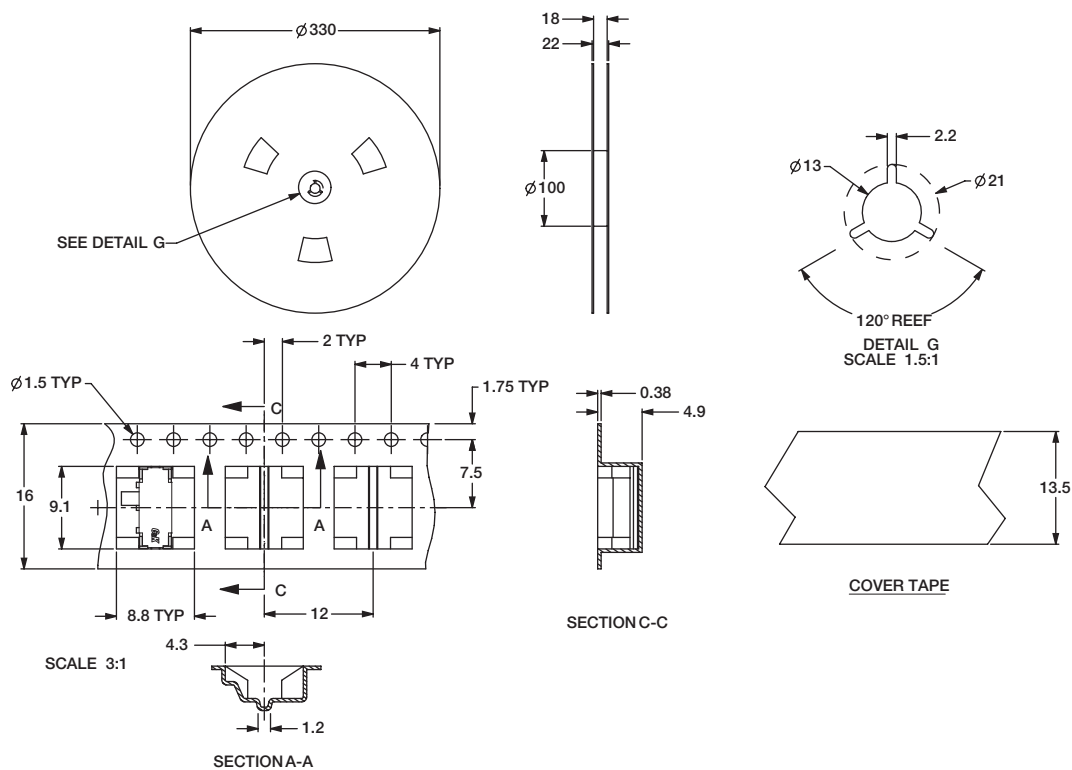
TAPE AND REEL FOR PART NUMBER JS202011JCQN

Quantity per reel 1300



TAPE AND REEL FOR PART NUMBER JS202011JAQN

Quantity per reel 1000



JS Series Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

LOW PROFILE .028±.004 (0.7±0.1) HIGH



Part Number
JS102000SAQN
SPDT

Specifications

CONTACT RATING: 5 VDC @ 1mA

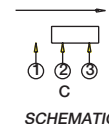
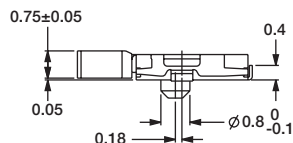
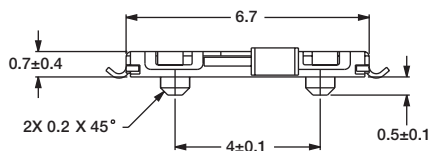
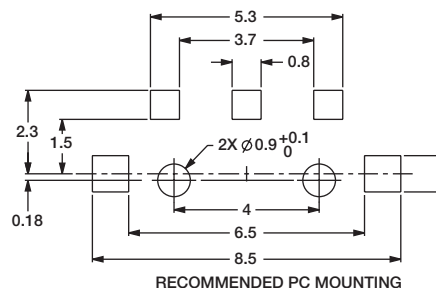
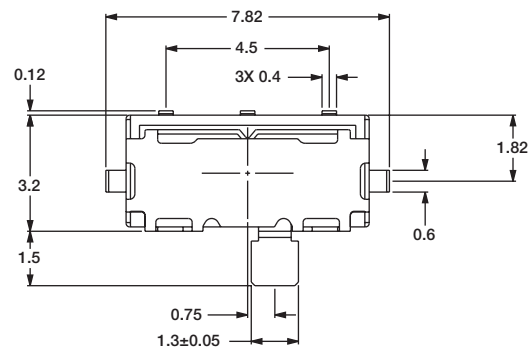
ELECTRICAL LIFE: 15,000 cycles.

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

INSULATION RESISTANCE: 100 m ohms @500 VDC.

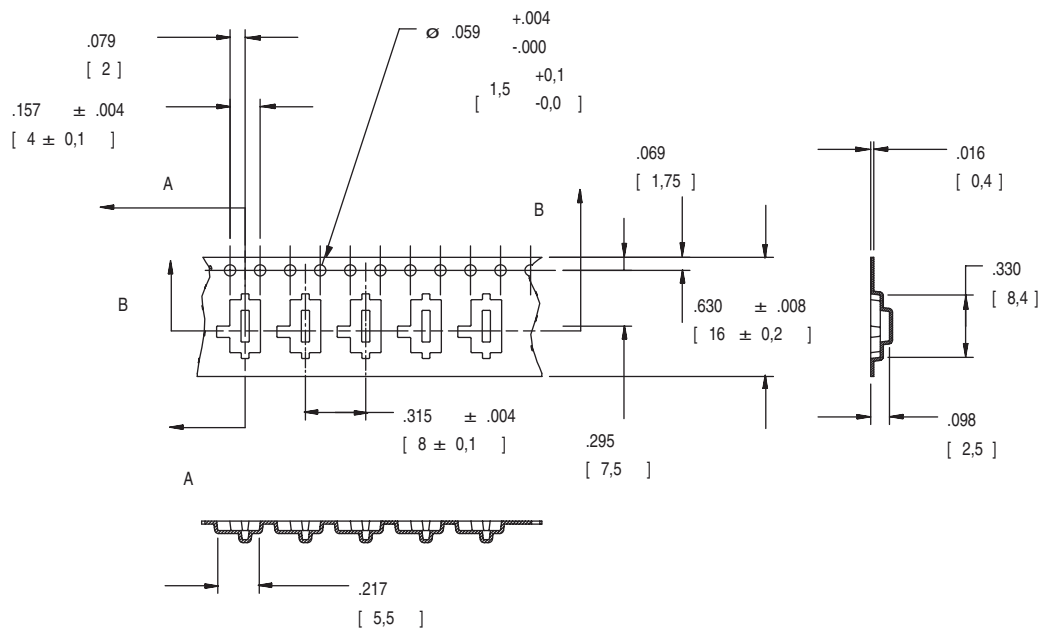
DIELECTRIC STRENGTH: 250 VAC.

OPERATING TEMPERATURE: -40°C to +85°C



TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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