EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

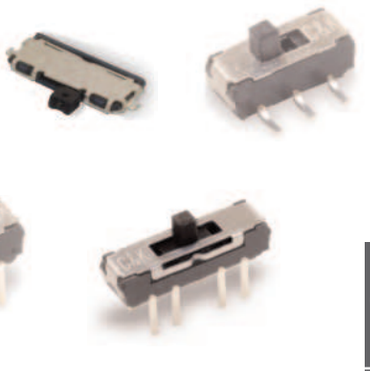
JS Series
Sub-Miniature Slide Switches

Features/Benefits

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

Typical Applications

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



Specifications

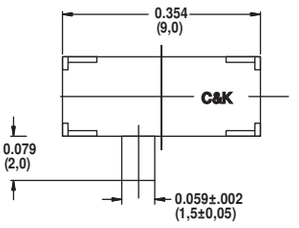
CONTACT RATING: 6 VDC @0.3A
ELECTRICAL LIFE: 5,000 make-and-break cycles
CONTACT RESISTANCE: 70 m Ω max.
INSULATION RESISTANCE: 100 M Ω min. @500V.
DIELECTRIC STRENGTH: 500 VAC min. @sea level.
OPERATING TEMPERATURE: -40ºC to +85ºC
STORAGE TEMPERATURE: -40ºC to +85ºC

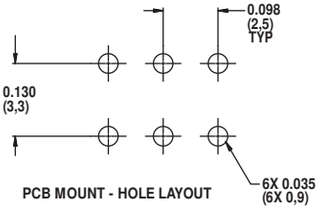
NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

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

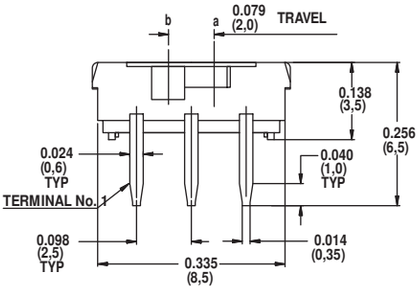


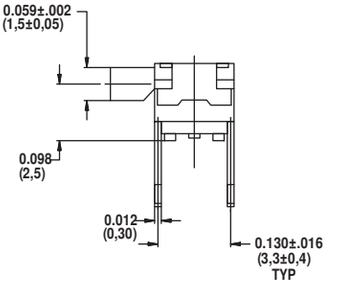


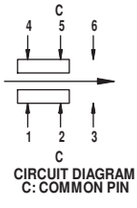


Part Number
JS202011AQN
DPDT

Shown in position b



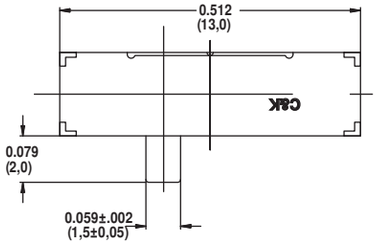


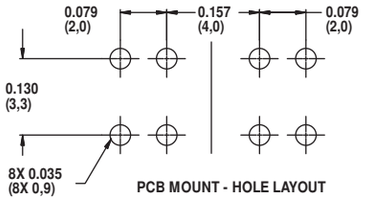


Shown in position b

JS Series
Sub-Miniature Slide Switches

RIGHT ANGLE, PC THRU-HOLE

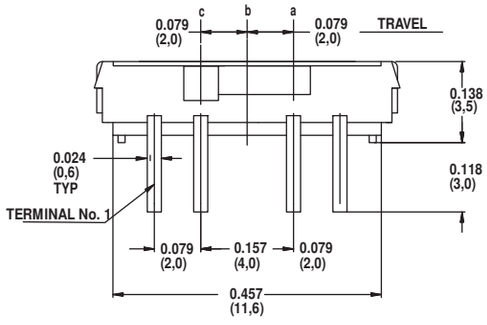


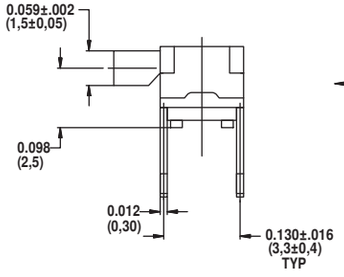


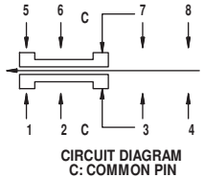


Part Number
JS203011AQN
DP3T

Shown in position b

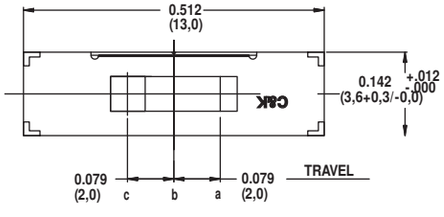


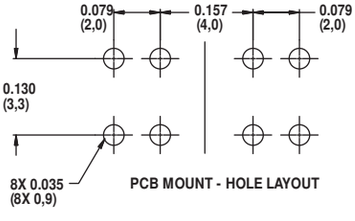


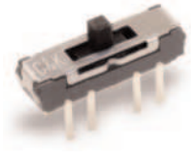


Shown in position c

PC THRU-HOLE

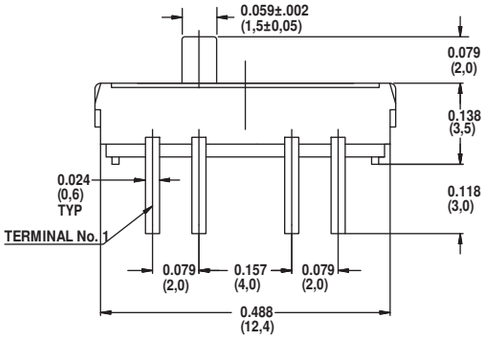


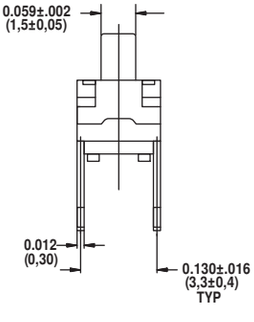


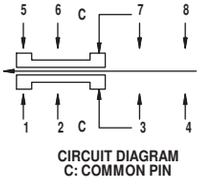


Part Number
JS203011CQN
DP3T

Shown in position b





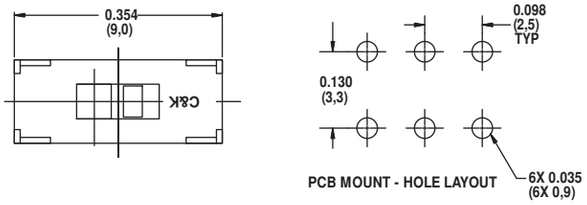


Shown in position c

Third Angle Projection

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

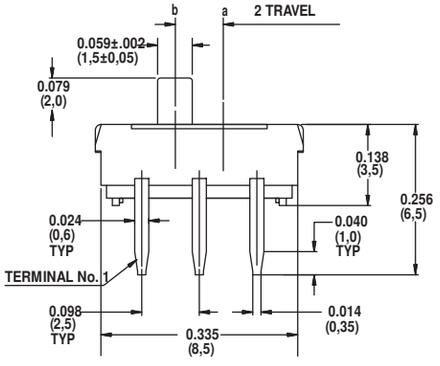
PC THRU-HOLE

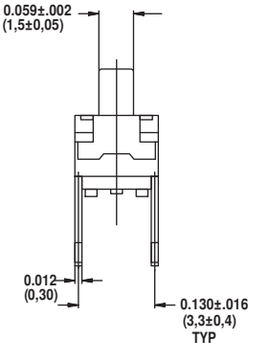


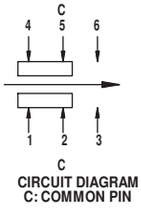


Part Number
JS202011CQN
DPDT

Shown in position a







Shown in position b

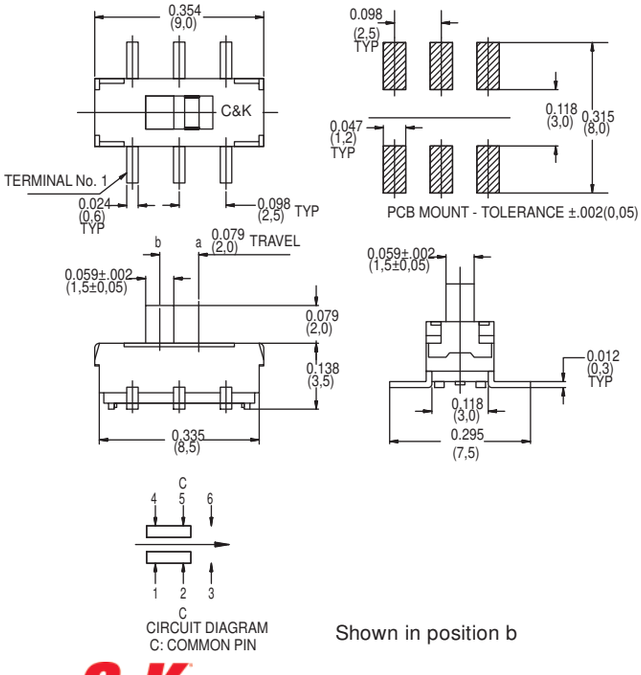
SURFACE MOUNT



Part number
JS202011SCQN
DPDT

Shown in position b. Quantity per reel 1000

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



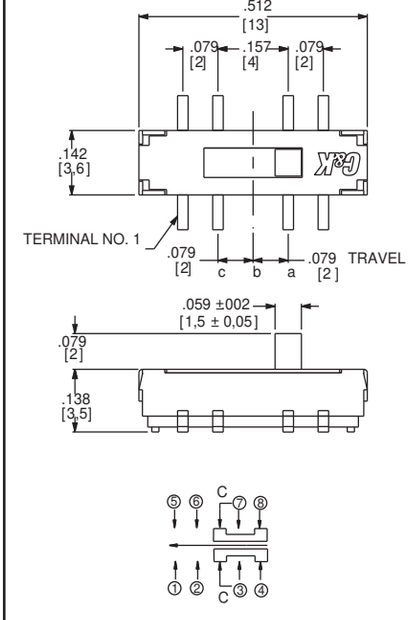
Shown in position b

Part number
JS203011SCQN
DP3T

Quantity per reel 900

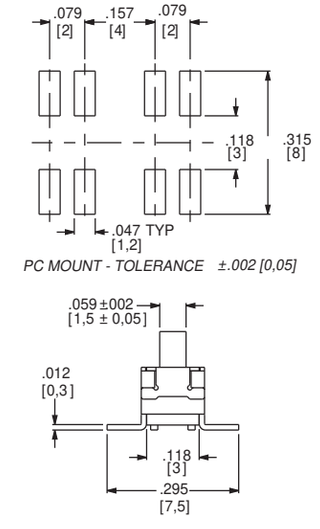
Available in tape & reel only, see page I-60





CIRCUIT DIAGRAM
C: COMMON PIN

Shown in position a

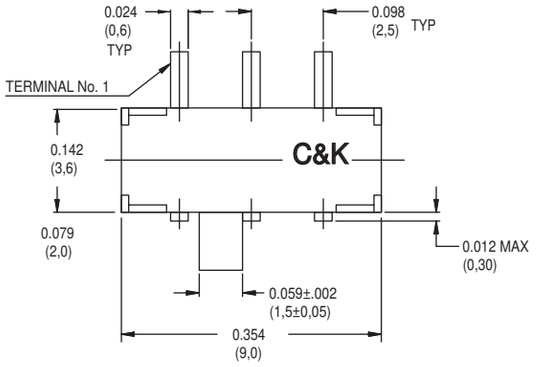


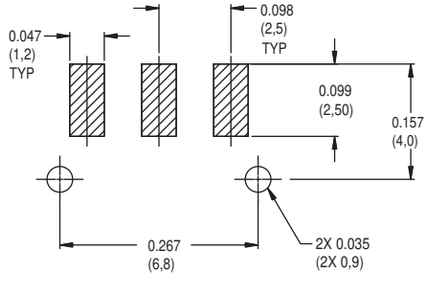
Third Angle Projection

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

JS Series
Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT





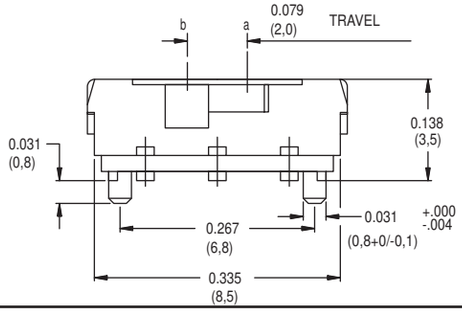
PCB MOUNT - HOLE LAYOUT

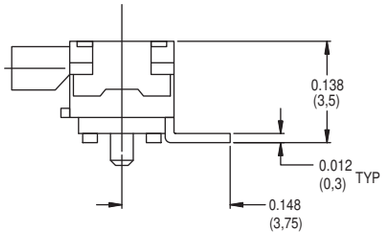


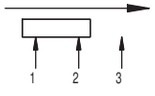
Part Number
JS102011SAQN
SPDT

Shown in position a

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



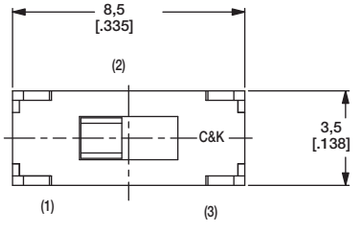


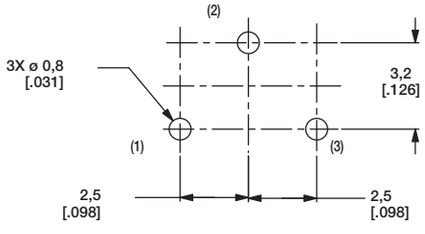


C
CIRCUIT DIAGRAM
C: COMMON PIN

Shown in position b

PC THRU-HOLE



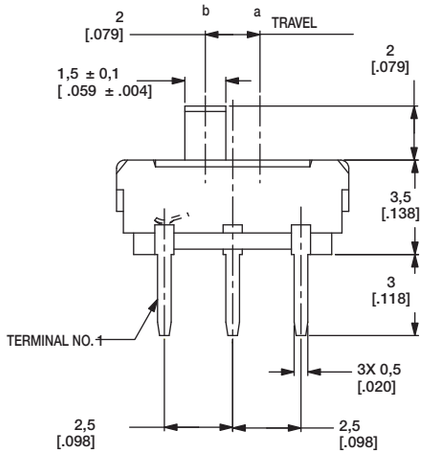


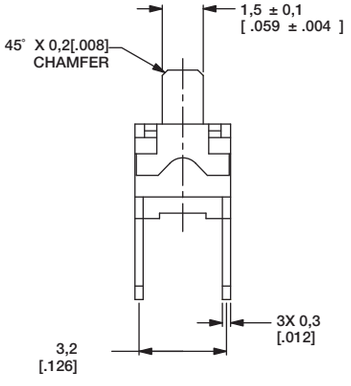
PCB LAYOUT RECOMMENDED

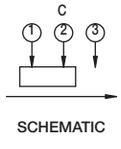


Part Number
JS102011CQN
SPDT

Shown in position a







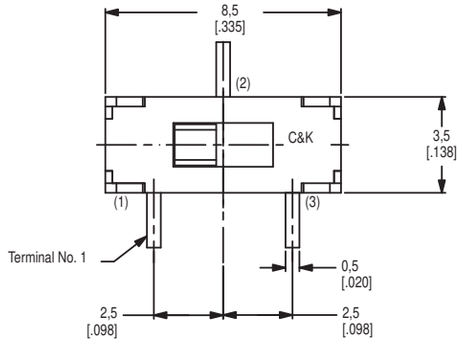
SCHEMATIC

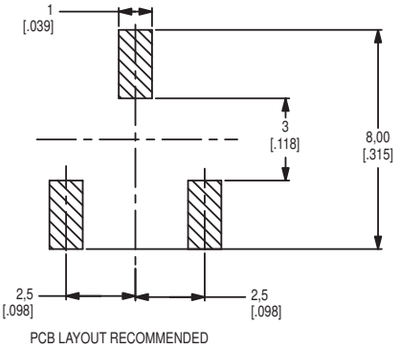
Shown in position b

Third Angle Projection

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

SURFACE MOUNT





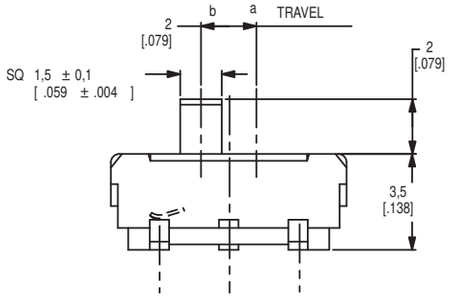
PCB LAYOUT RECOMMENDED

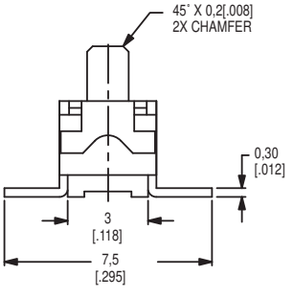


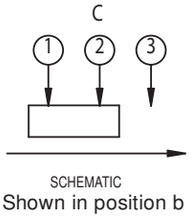
Part Number
JS102011SCQN
SPDT

Shown in position a

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



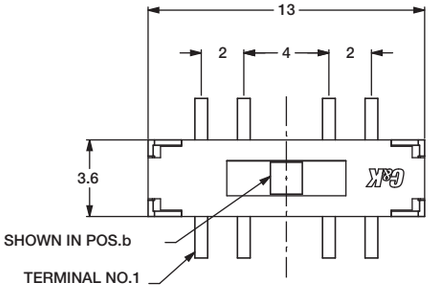


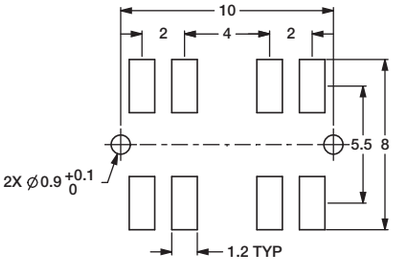


SCHEMATIC
Shown in position b

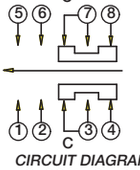
SURFACE MOUNT

NEW



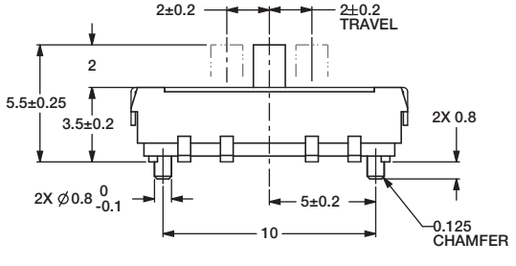


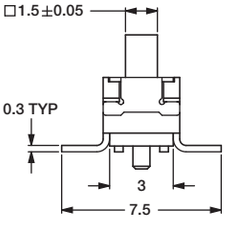
PC MOUNT - TOLERANCE ±.05



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

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







Part Number
JS207011SCQNR
DP3T

Shown in position b

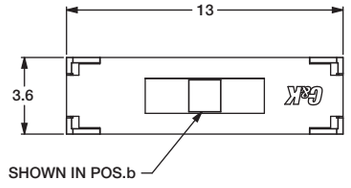
Available in tape & reel only, see page I-58

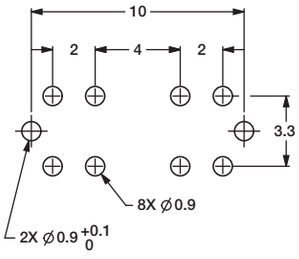
Third Angle Projection

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

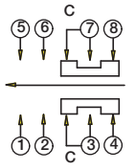
JS Series
Sub-Miniature Slide Switches

PC THRU-HOLE





PC MOUNT - TOLERANCE ±.05



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

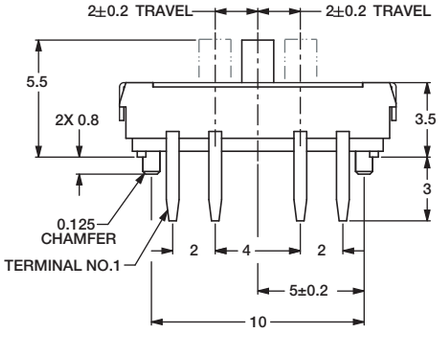
SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K	C&K	C&K
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8

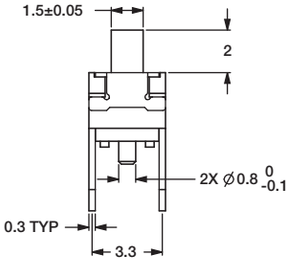
NEW



Part Number
JS207011CQNR
DP3T

Shown in position b





RIGHT ANGLE SURFACE MOUNT

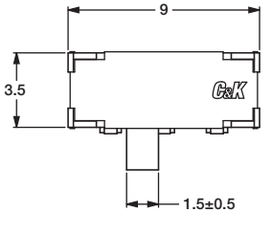
NEW

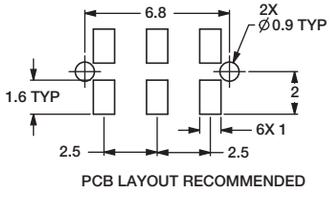


Part Number
JS102011JAQN
SPDT

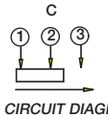
Shown in position

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

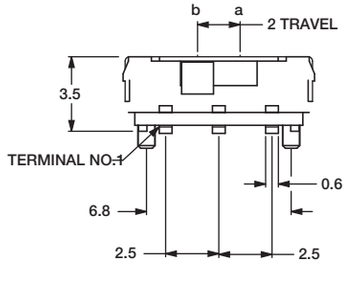


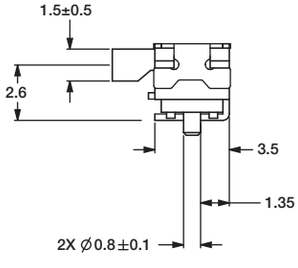


PCB LAYOUT RECOMMENDED



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

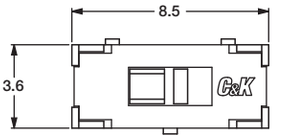


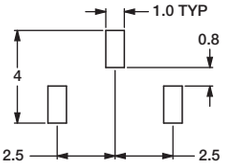


Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

VERTICAL MOUNT SMT - J BEND





PCB LAYOUT RECOMMENDED



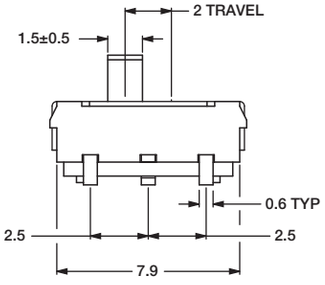
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

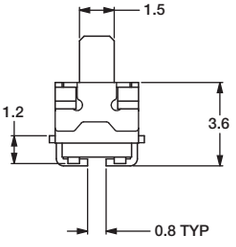
NEW



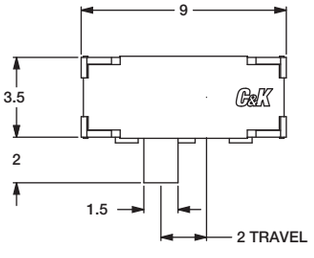
Part Number
JS102011JCQN
SPDT

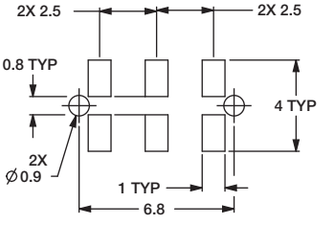
Available in tape & reel
only, see page I-59



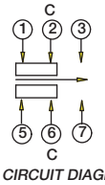


RIGHT ANGLE SURFACE MOUNT





PCB LAYOUT RECOMMENDED



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

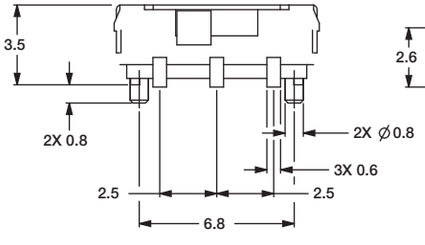
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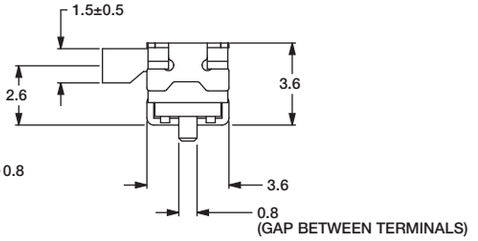


Part Number
JS202011JAQN
DPDT

Shown in position

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



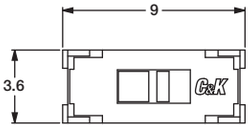


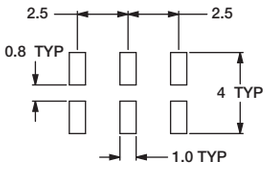
Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

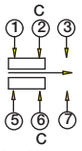
JS Series
Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND





PCB LAYOUT RECOMMENDED



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

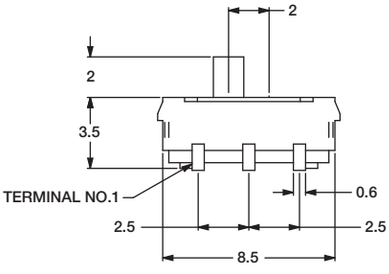
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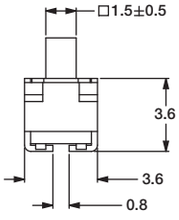


Part Number
JS202011JCQN
DPDT

Shown in position

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





RIGHT ANGLE MOUNT SMT - J BEND

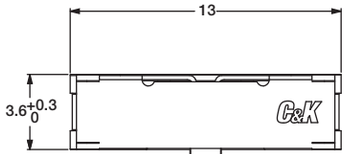
NEW

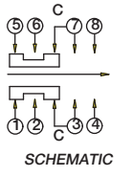


Part Number
JS203011JAQN
DP3T

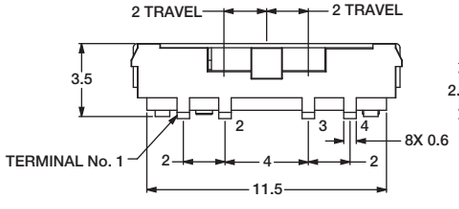
Shown in position

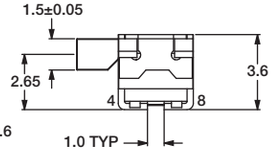
Available in tape & reel
only, see page I-60

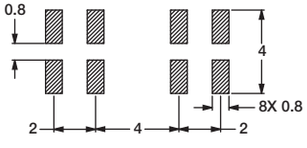




SCHEMATIC
C: COMMON PIN







PCB LAYOUT RECOMMENDED

Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

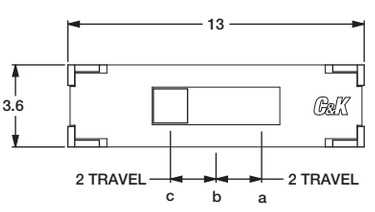
VERTICAL MOUNT SMT - J BEND

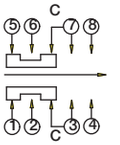
NEW



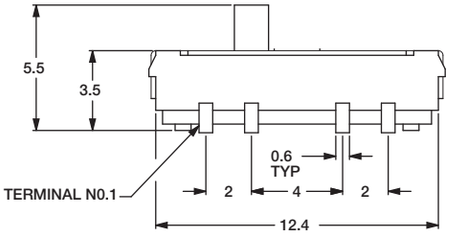
Part Number
JS203011JCQN
DP3T

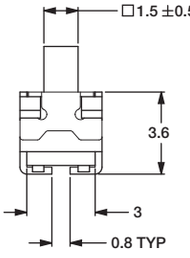
Available in tape & reel
only, see page I-60

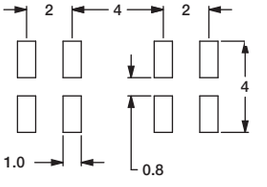




SCHEMATIC
C: COMMON PIN







PCB LAYOUT RECOMMENDED

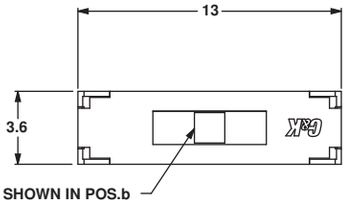
SURFACE MOUNT - J BEND

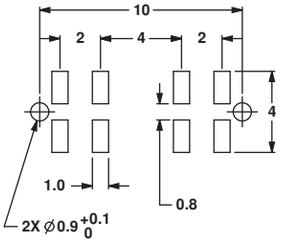
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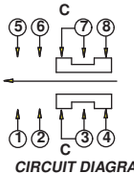


Part Number
JS207011JCQNR
SP3T

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



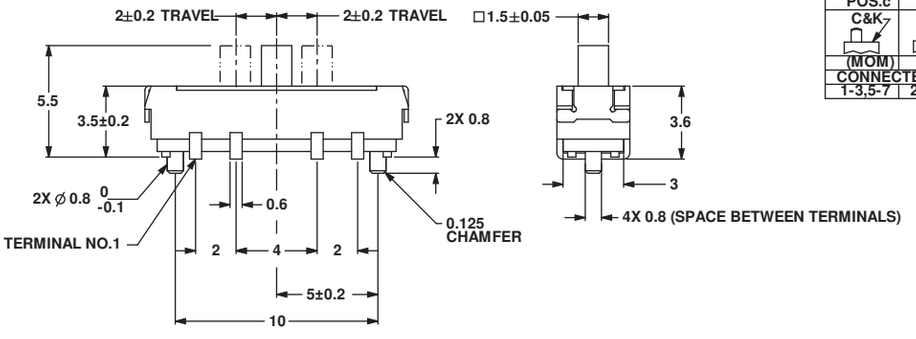




CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

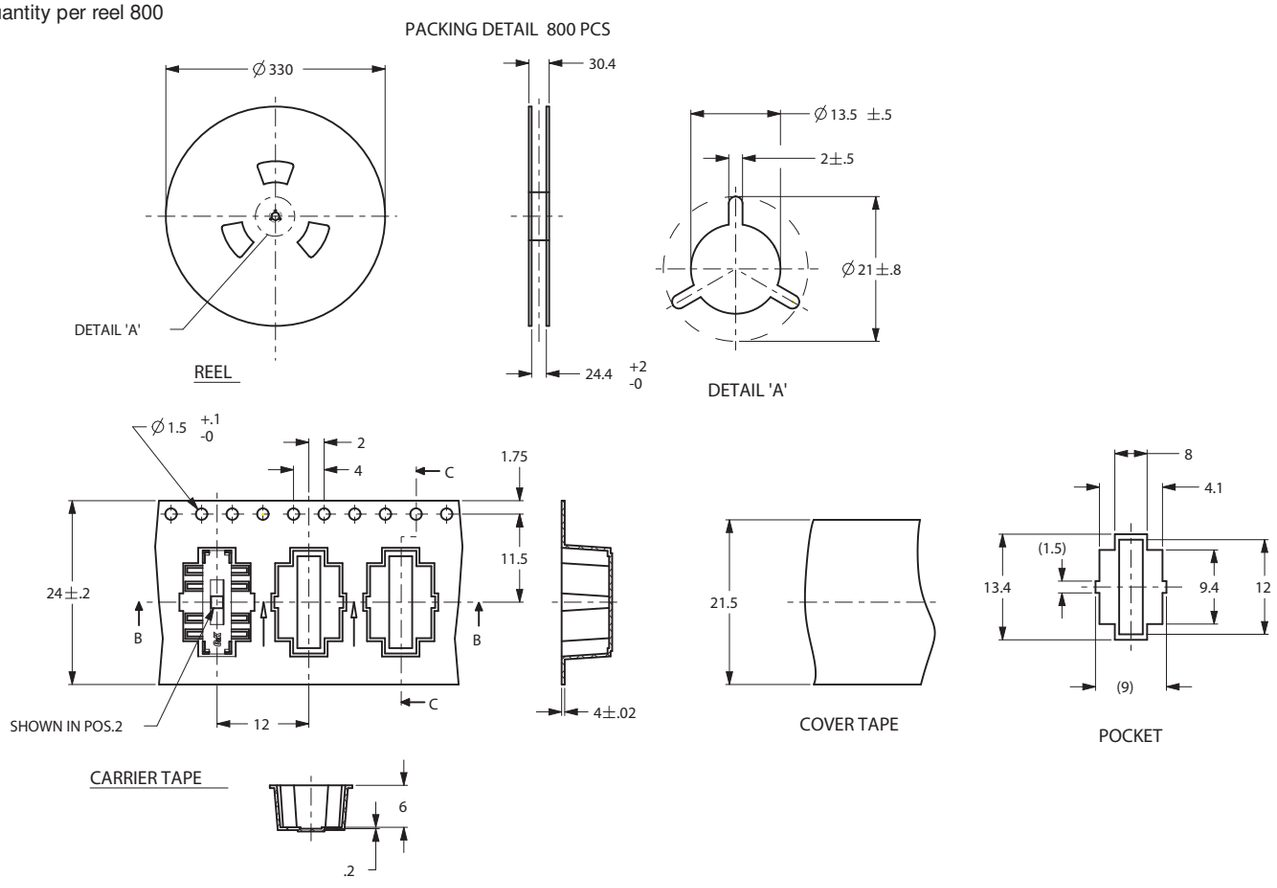
PC MOUNT - TOLERANCE ±.05

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



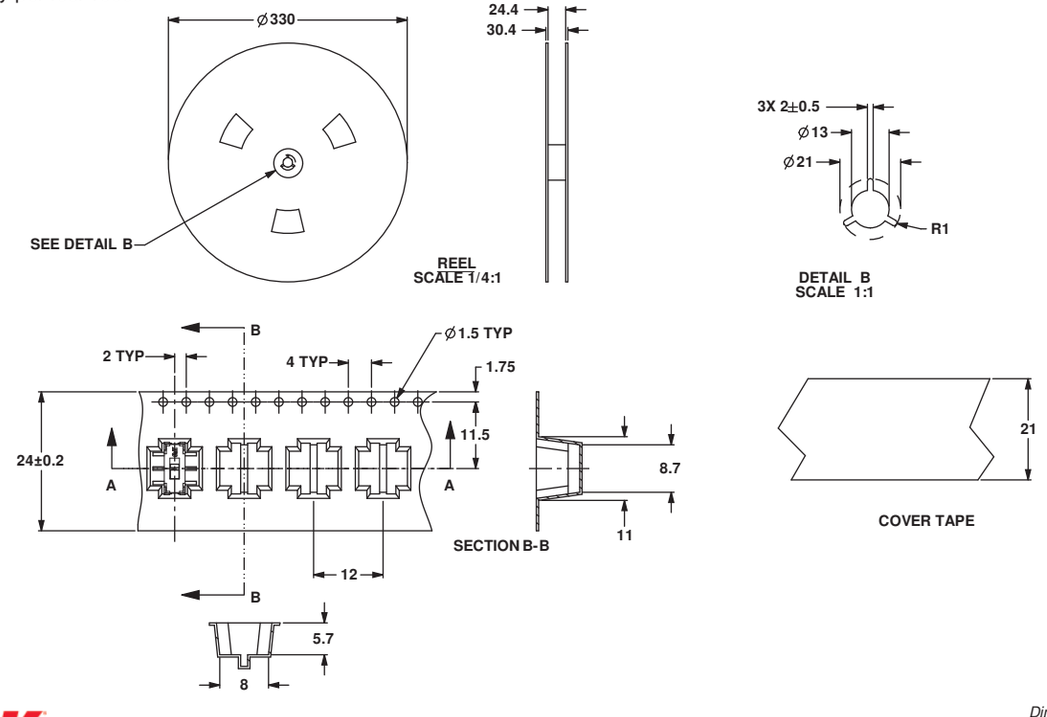
TAPE AND REEL FOR PART NUMBER JS207011SCQNR, JS207011JCQNR

Quantity per reel 800



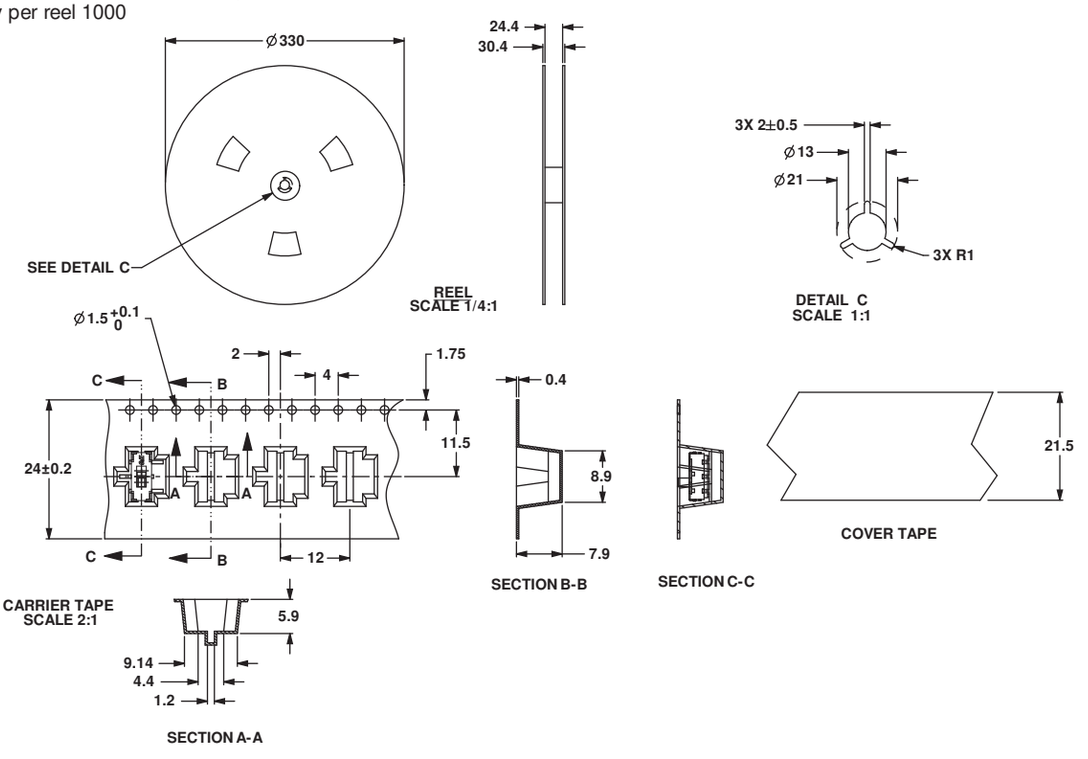
TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000



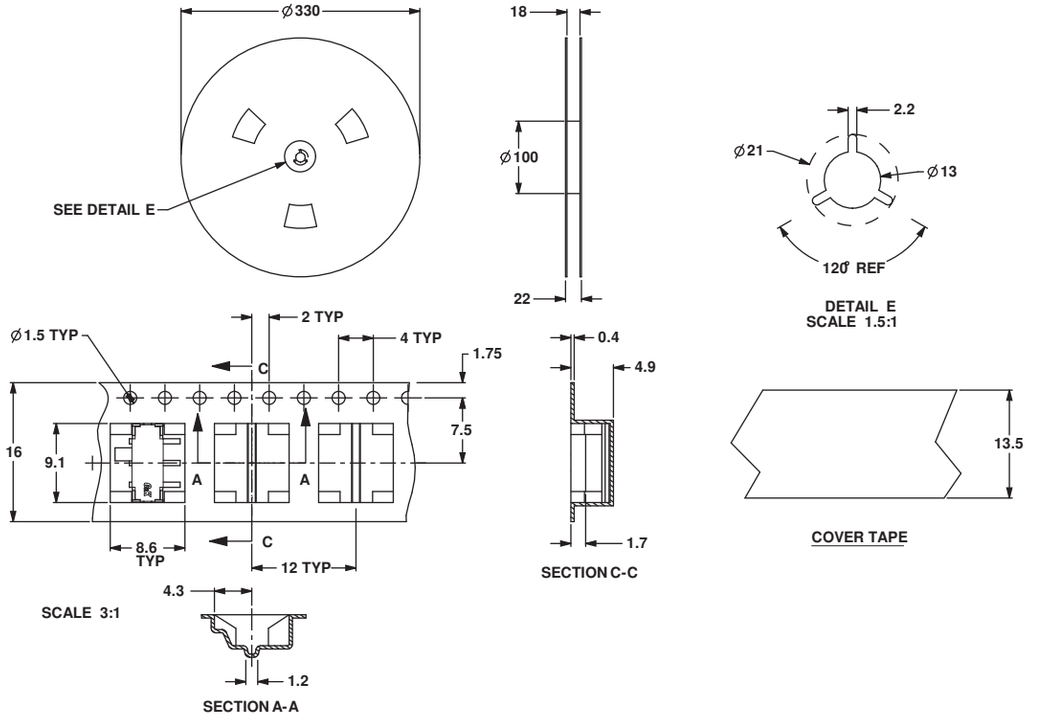
TAPE AND REEL FOR
PART NUMBER JS102011SCQN, JS102011JCQN

Quantity per reel 1000



TAPE AND REEL FOR PART NUMBER JS102011SAQN, JS102011JAQN

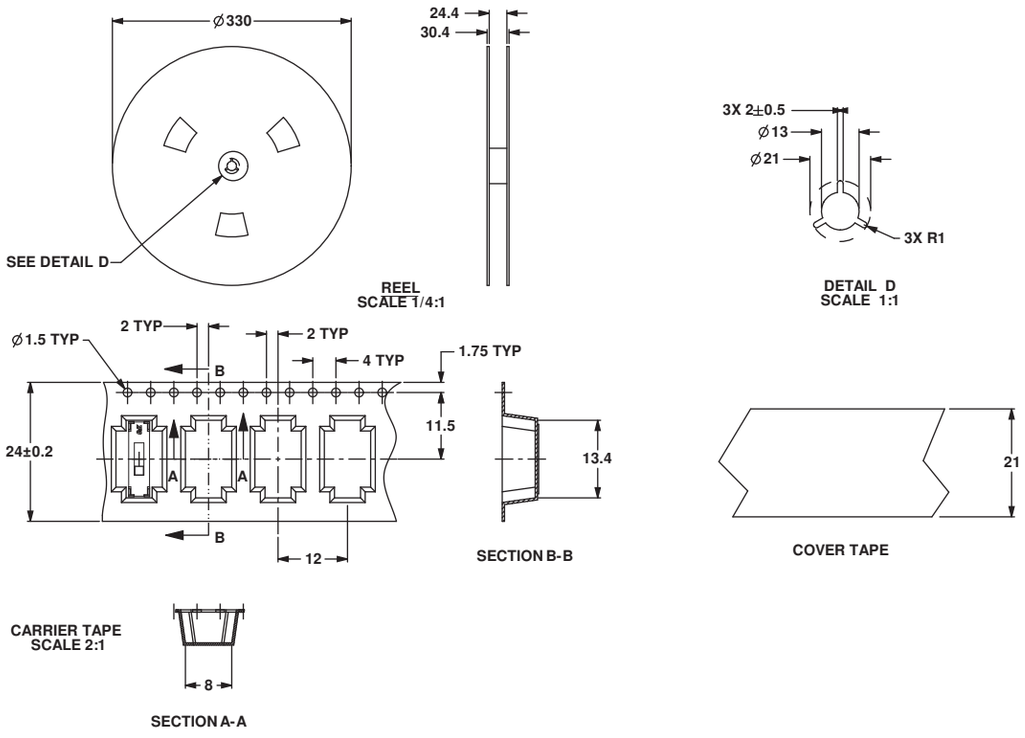
Quantity per reel 1000



Third Angle Projection

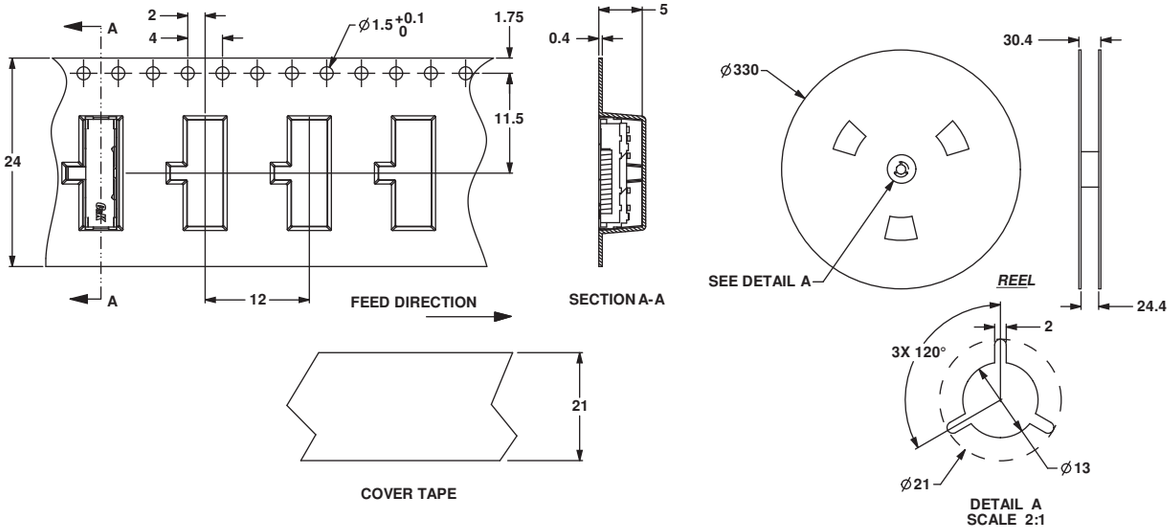
Dimensions are shown: mm
Specifications and dimensions subject to change

TAPE AND REEL FOR PART NUMBER JS203011SCQN, JS203011JCQN
Quantity per reel 900

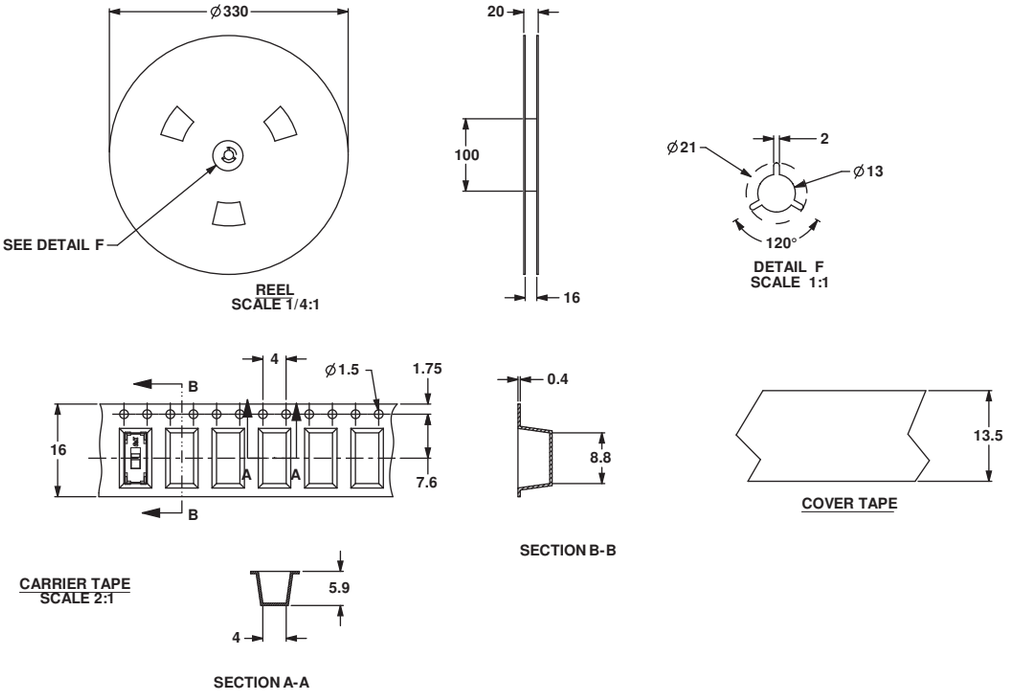


TAPE AND REEL FOR PART NUMBER JS203011JAQN

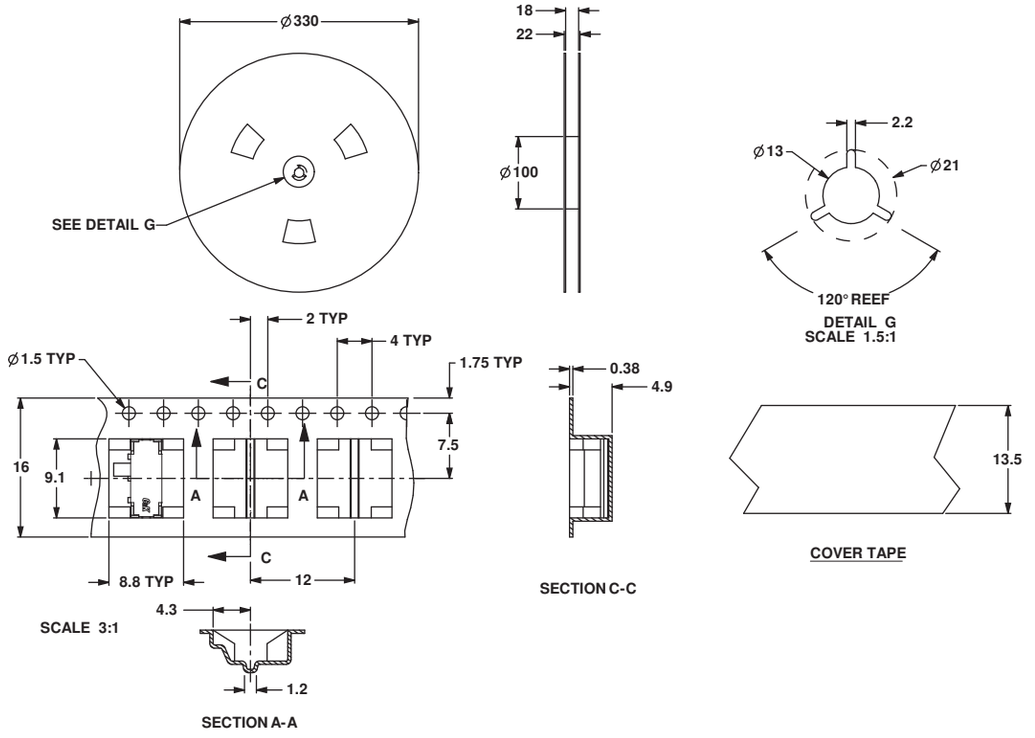
Quantity per reel 1000



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

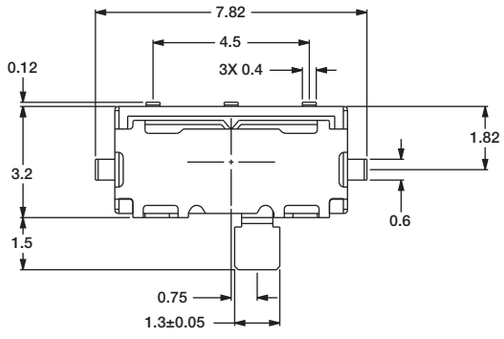
LOW PROFILE .028±.004 (0.7±0.1) HIGH

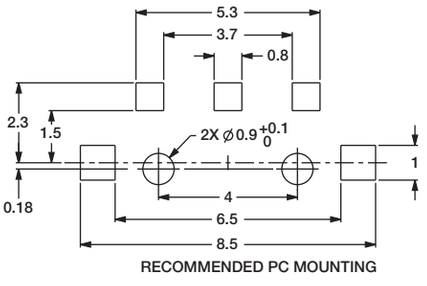


Part Number
JS102000SAQN
SPDT

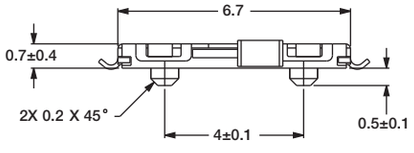
Specifications

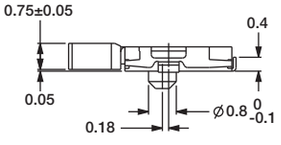
CONTACT RATING: 5 VDC @1MA
ELECTRICAL LIFE: 15,000 cycles.
CONTACT RESISTANCE: <100 m ohms (initial) <200 m ohms (after processing).
INSULATION RESISTANCE: 100 m ohms @500 VDC.
DIELECTRIC STRENGTH: 250 VAC.
OPERATING TEMPERATURE: -40ºC to +85ºC





RECOMMENDED PC MOUNTING







SCHEMATIC

TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000

