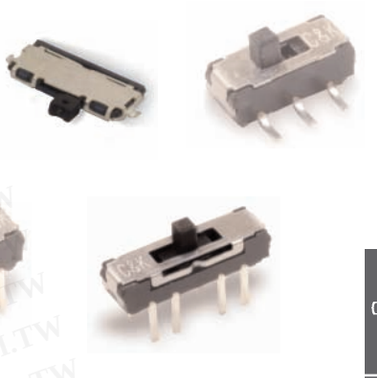
勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

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

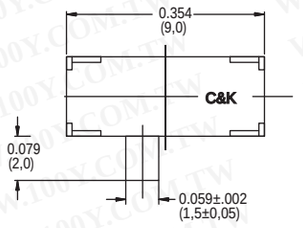
CONTACT RATING: 6 VDC @ 0.3A
ELECTRICAL LIFE: 5,000 make-and-break cycles
CONTACT RESISTANCE: 70 m Ω max.
INSULATION RESISTANCE: 100 M Ω min. @ 500V.
DIELECTRIC STRENGTH: 500 VAC min. @ sea level.
OPERATING TEMPERATURE: -40ºC to +85ºC
STORAGE TEMPERATURE: -40ºC to +85ºC

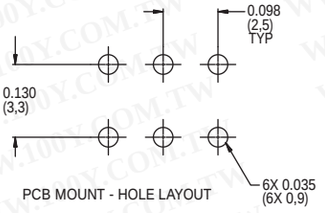
NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

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

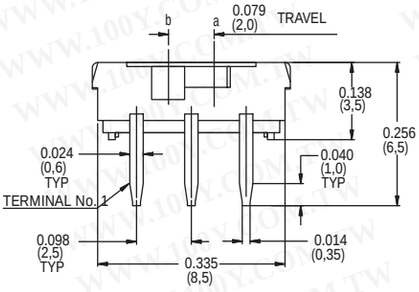
RIGHT ANGLE, PC THRU-HOLE

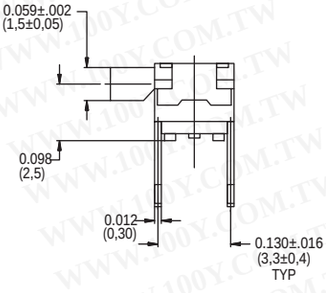


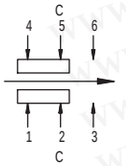


Part Number
JS202011AQN
DPDT

Shown in position b



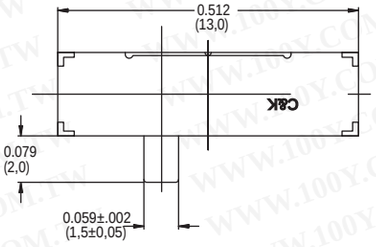


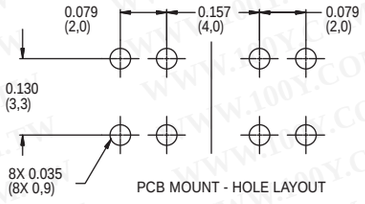


Shown in position b

JS Series
Sub-Miniature Slide Switches

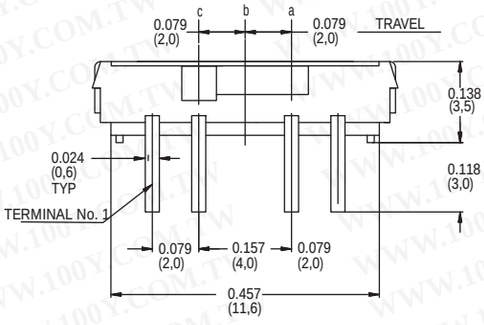
RIGHT ANGLE, PC THRU-HOLE

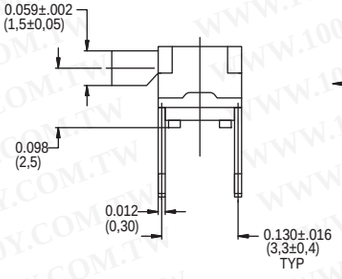


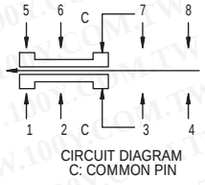


Part Number
JS203011AQN
DP3T

Shown in position b

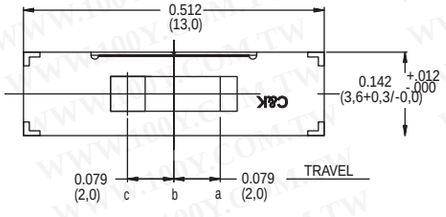


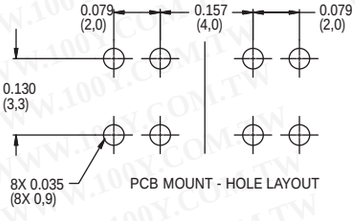


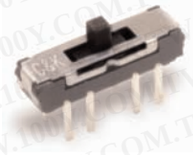


Shown in position c

PC THRU-HOLE

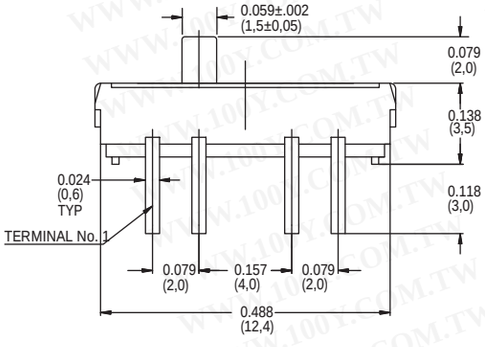


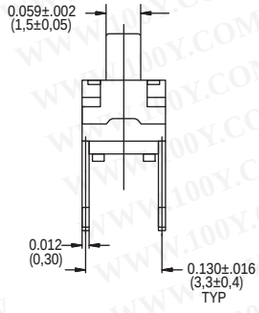


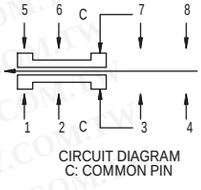


Part Number
JS203011CQN
DP3T

Shown in position b





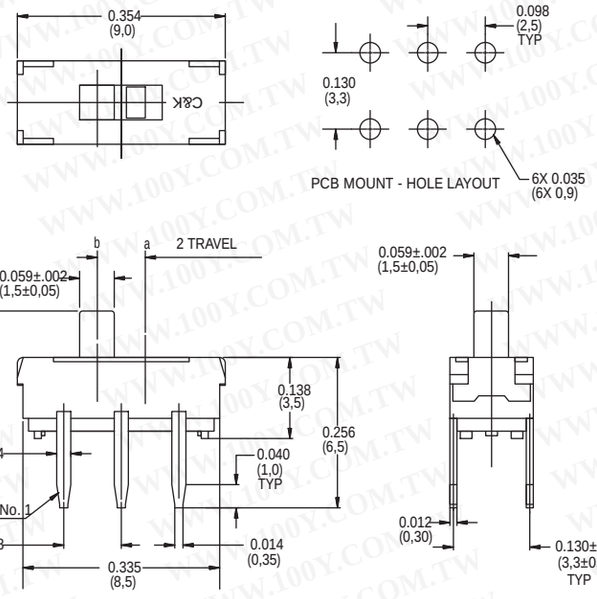


Shown in position c

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

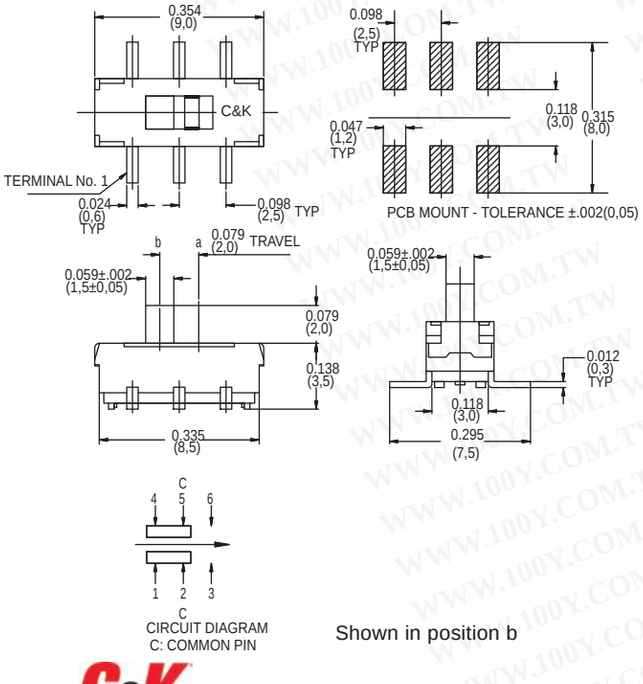
Shown in position b

SURFACE MOUNT

Part number
JS202011SCQN
DPDT

Shown in position b. Quantity per reel 1000

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

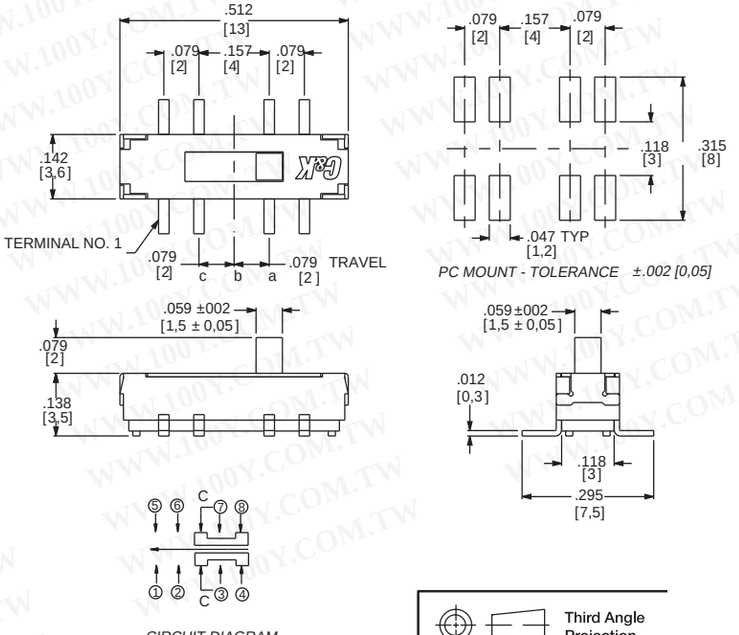


Shown in position b

Part number
JS203011SCQN
DP3T

Quantity per reel 900

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



CIRCUIT DIAGRAM
C: COMMON PIN

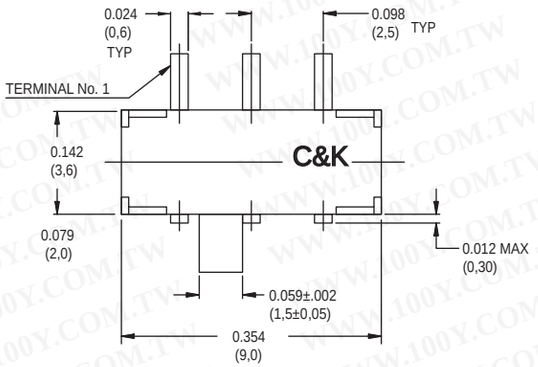
Shown in position a

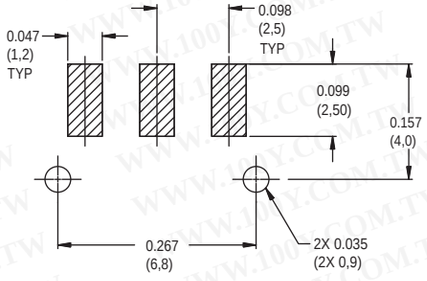
Third Angle Projection

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

JS Series
Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT



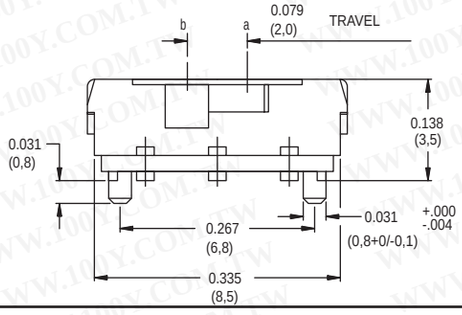


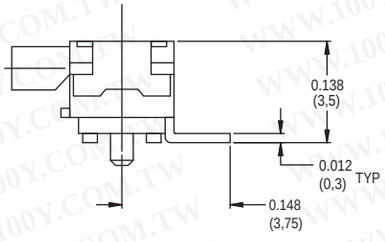
PCB MOUNT - HOLE LAYOUT

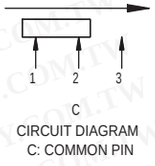
Part Number
JS102011SAQN
SPDT

Shown in position a

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

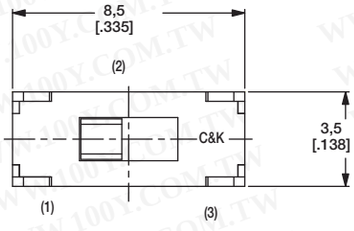


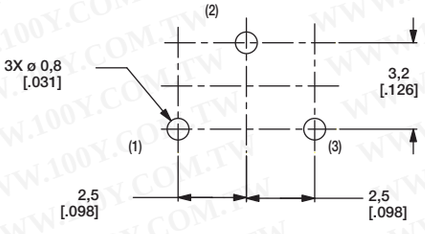




Shown in position b

PC THRU-HOLE

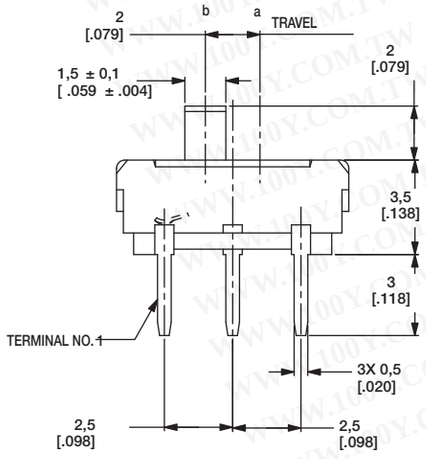


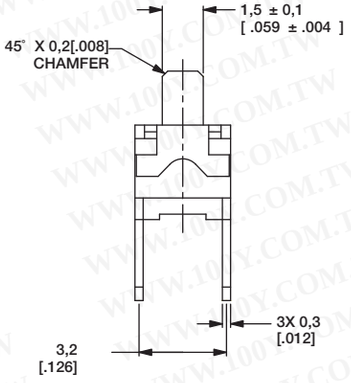


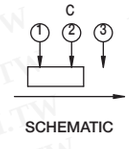
PCB LAYOUT RECOMMENDED

Part Number
JS102011CQN
SPDT

Shown in position a





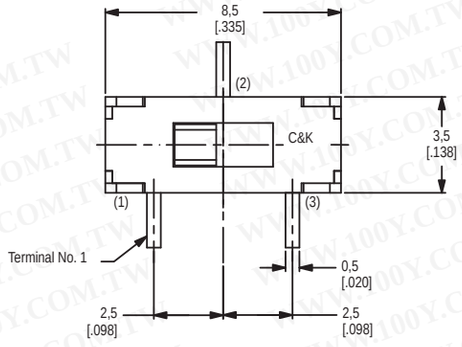


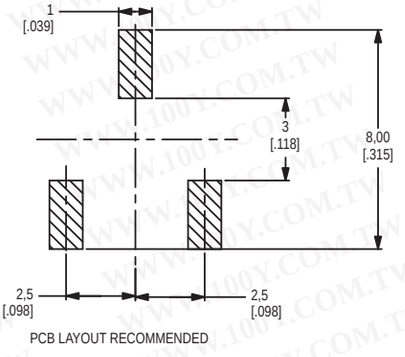
Shown in position b

Third Angle Projection

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

SURFACE MOUNT



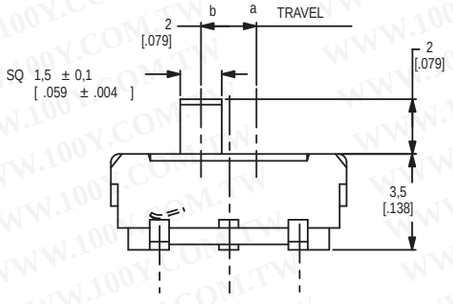


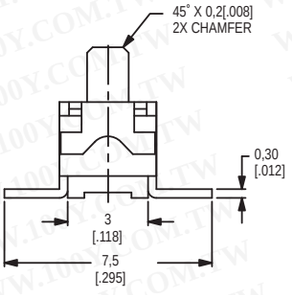
PCB LAYOUT RECOMMENDED

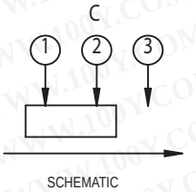
Part Number
JS102011SCQN
SPDT

Shown in position a

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



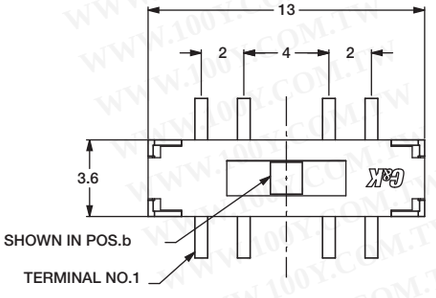


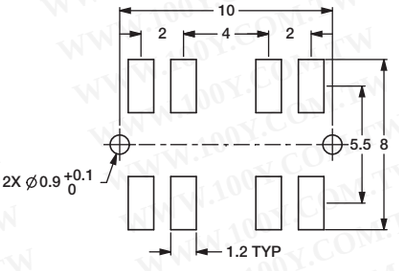


SCHEMATIC
Shown in position b

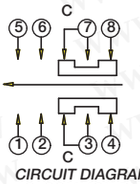
SURFACE MOUNT

NEW





PC MOUNT - TOLERANCE ±.05



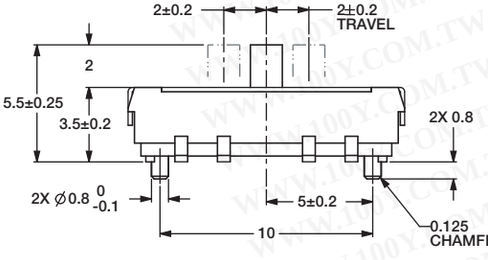
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

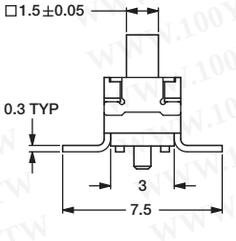
SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K	C&K	C&K
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8

Part Number
JS207011SCQNR
DP3T

Shown in position b

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



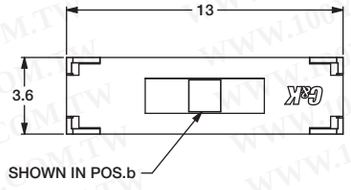


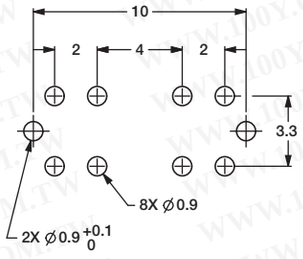
Third Angle Projection

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

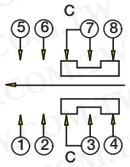
JS Series
Sub-Miniature Slide Switches

PC THRU-HOLE





PC MOUNT - TOLERANCE ±.05



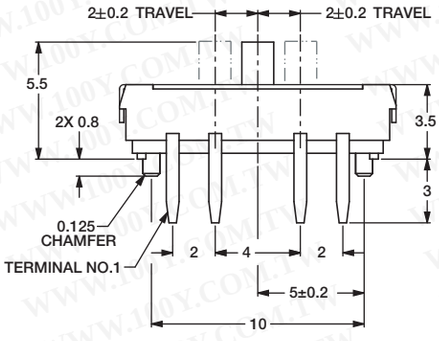
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

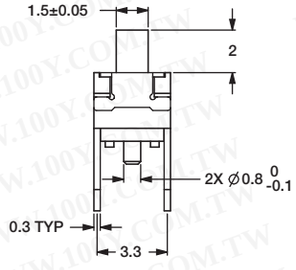
SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K	C&K	C&K
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8

NEW

Part Number
JS207011CQNR
DP3T

Shown in position b





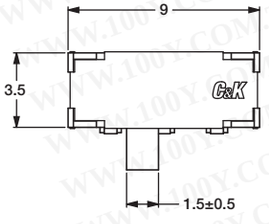
RIGHT ANGLE SURFACE MOUNT

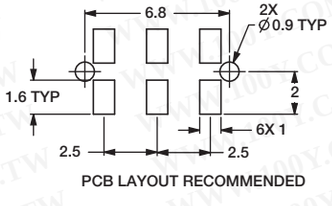
NEW

Part Number
JS102011JAQN
SPDT

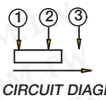
Shown in position

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

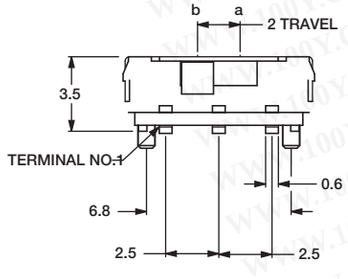


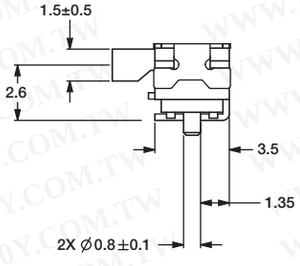


PCB LAYOUT RECOMMENDED



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

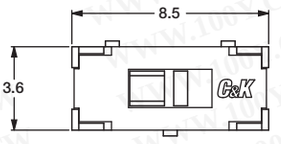


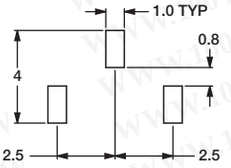


Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

VERTICAL MOUNT SMT - J BEND





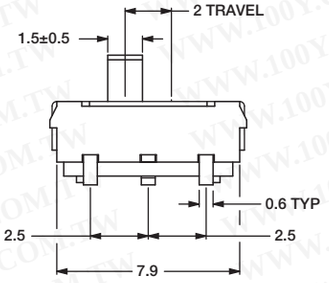
PCB LAYOUT RECOMMENDED

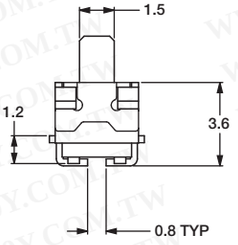
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

NEW

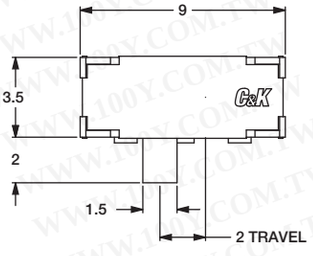
Part Number
JS102011JCQN
SPDT

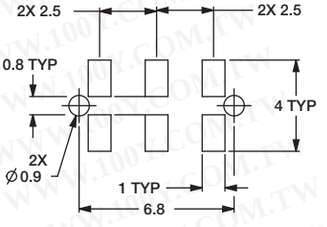
Available in tape & reel
only, see page I-59



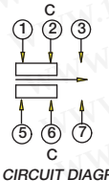


RIGHT ANGLE SURFACE MOUNT





PCB LAYOUT RECOMMENDED



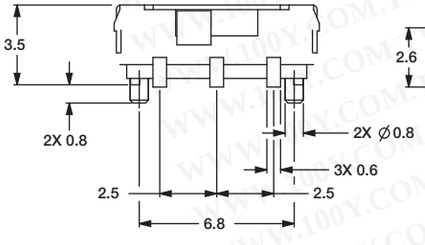
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

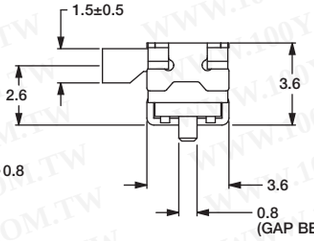
NEW

Part Number
JS202011JAQN
DPDT

Shown in position

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

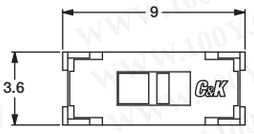


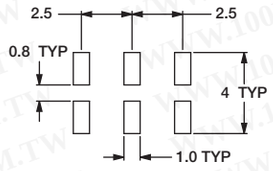


Third Angle Projection

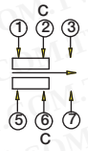
Dimensions are shown: mm
Specifications and dimensions subject to change

VERTICAL MOUNT SMT - J BEND





PCB LAYOUT RECOMMENDED



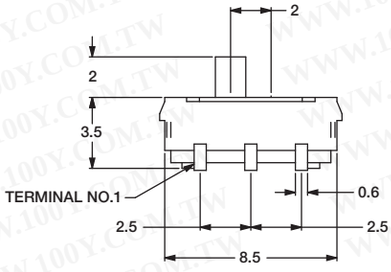
CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

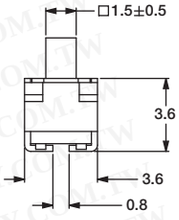
NEW

Part Number
JS202011JCQN
DPDT

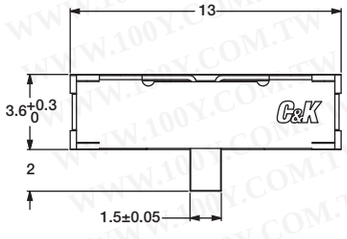
Shown in position

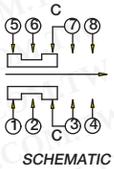
Available in tape & reel
only, see page I-61





RIGHT ANGLE MOUNT SMT - J BEND





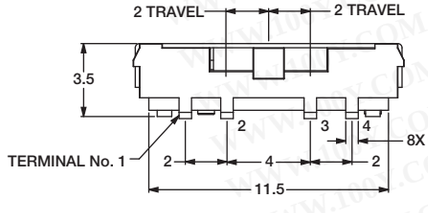
SCHEMATIC
C: COMMON PIN

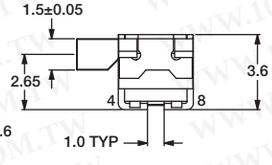
NEW

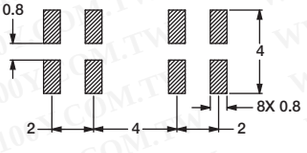
Part Number
JS203011JAQN
DP3T

Shown in position

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







PCB LAYOUT RECOMMENDED

Third Angle Projection

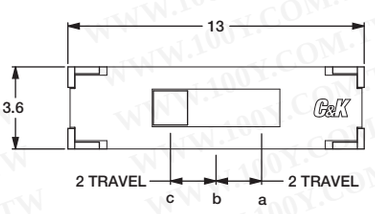
Dimensions are shown: mm
Specifications and dimensions subject to change

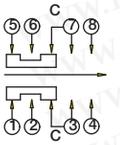
VERTICAL MOUNT SMT - J BEND

NEW

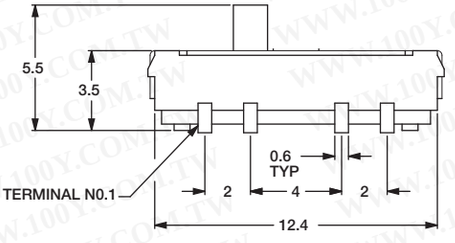
Part Number
JS203011JCQN
DP3T

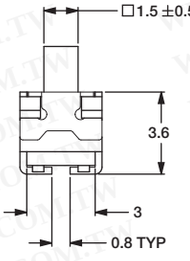
Available in tape & reel
only, see page I-60

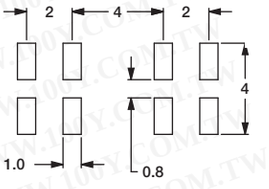




SCHEMATIC
C: COMMON PIN







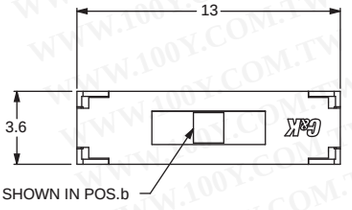
PCB LAYOUT RECOMMENDED

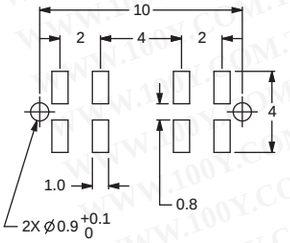
SURFACE MOUNT - J BEND

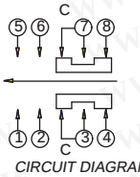
NEW

Part Number
JS207011JCQNR
SP3T

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



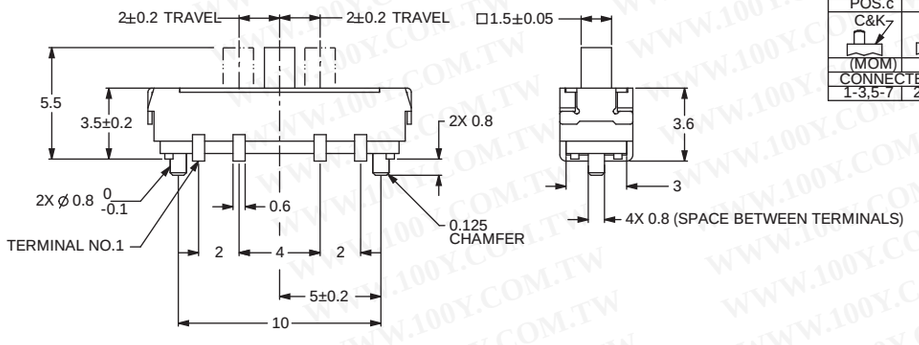




CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

PC MOUNT - TOLERANCE ±.05

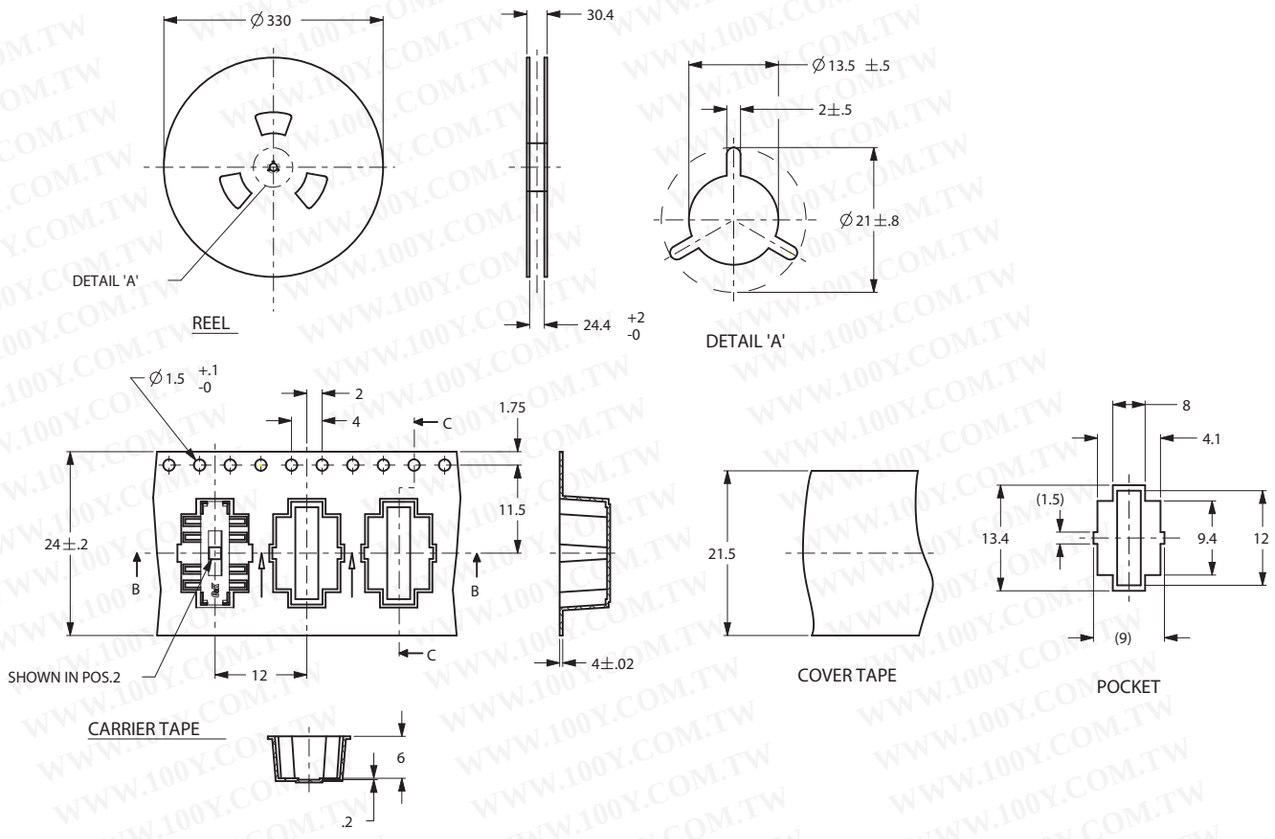
SWITCH FUNCTION		
POS.c	POS.b	POS.a
C&K	C&K	C&K
(MOM)	ON	ON
CONNECTED TERMINALS		
1-3,5-7	2-3,6-7	3-4,7-8



TAPE AND REEL FOR PART NUMBER JS207011SCQNR, JS207011JCQNR

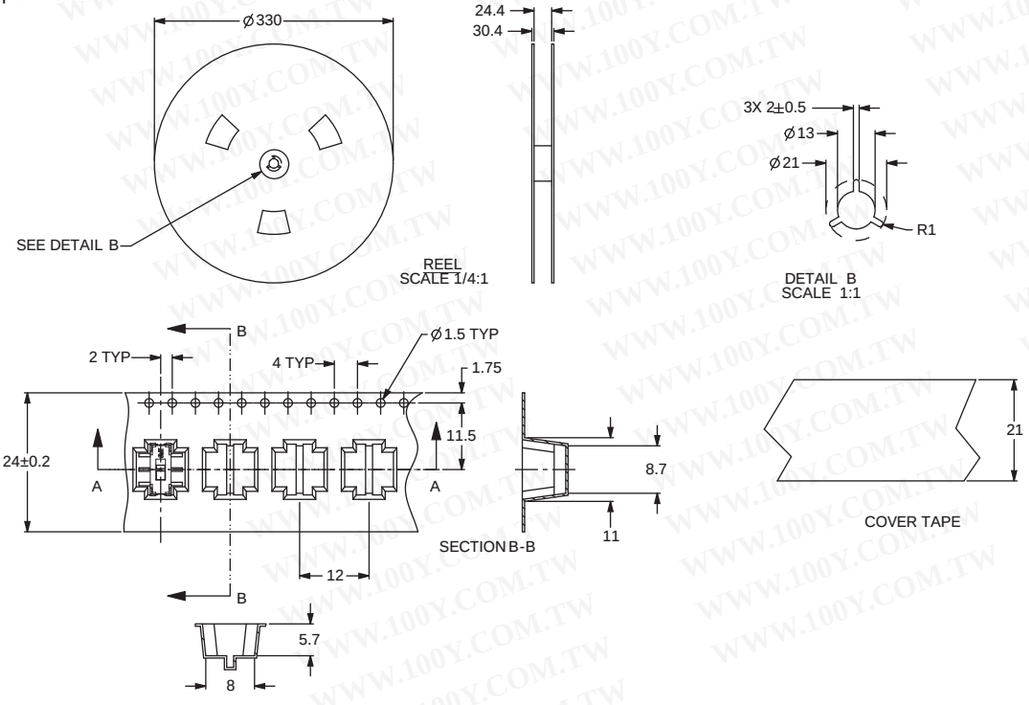
Quantity per reel 800

PACKING DETAIL 800 PCS

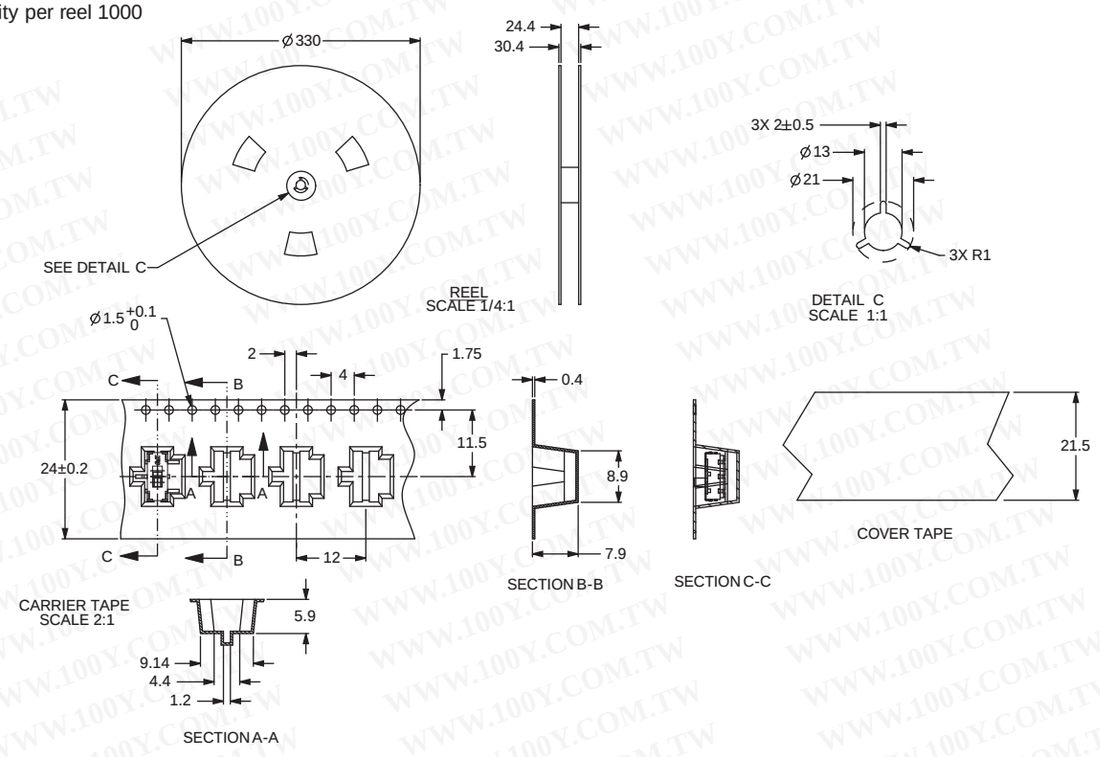


TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000

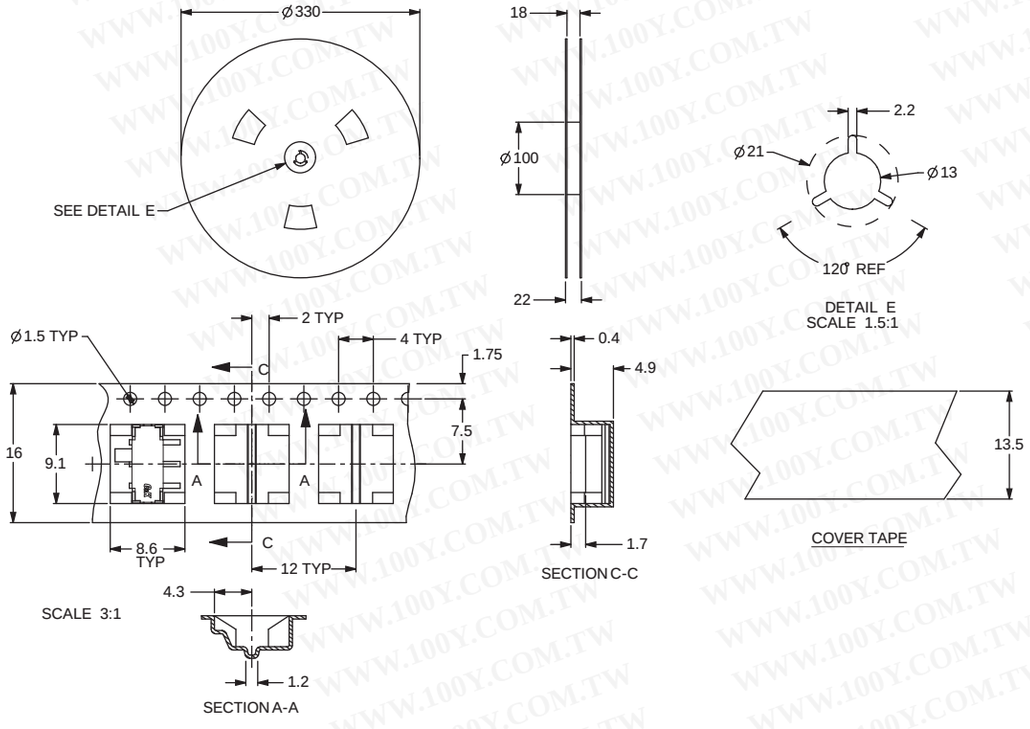


TAPE AND REEL FOR
PART NUMBER JS102011SCQN, JS102011JCQN
Quantity per reel 1000



TAPE AND REEL FOR PART NUMBER JS102011SAQN, JS102011JAQN

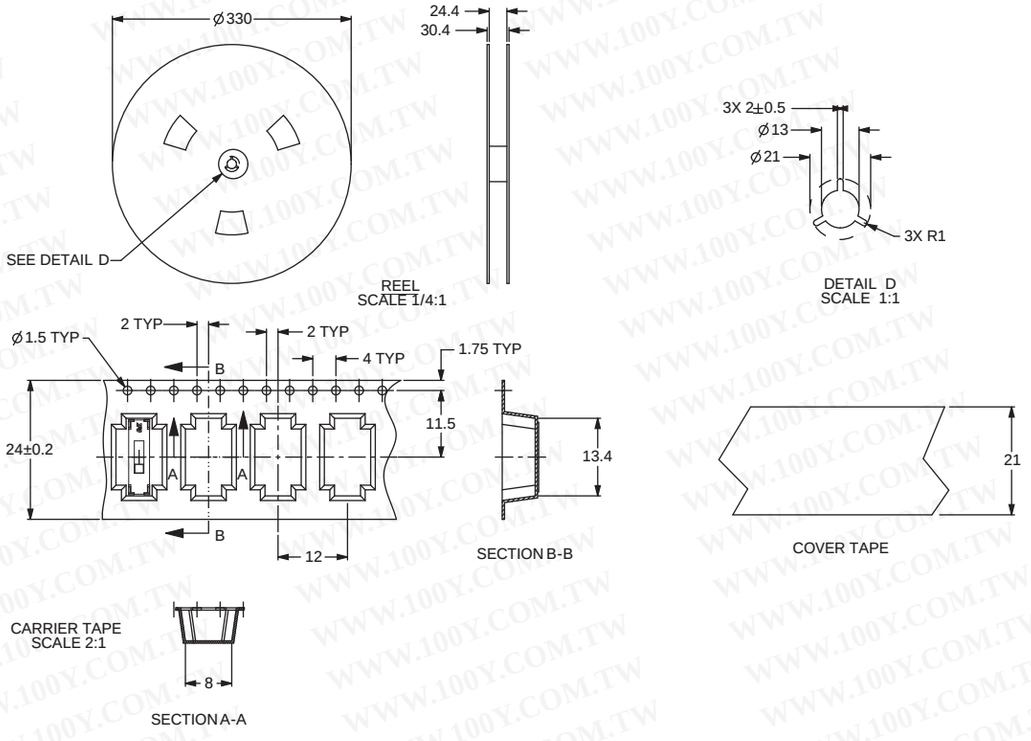
Quantity per reel 1000



Third Angle Projection

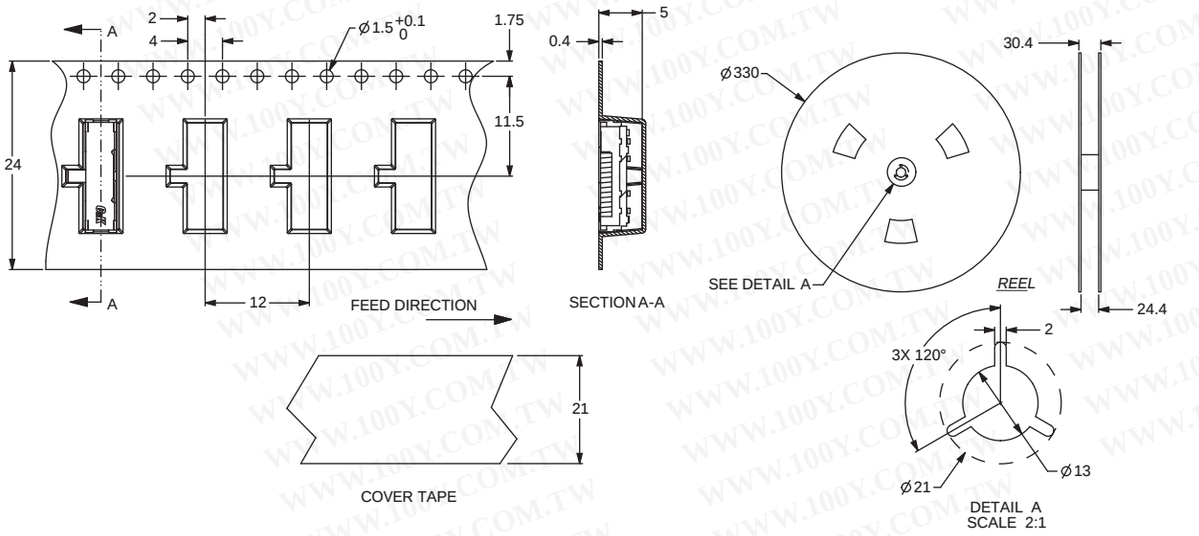
Dimensions are shown: mm
Specifications and dimensions subject to change

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

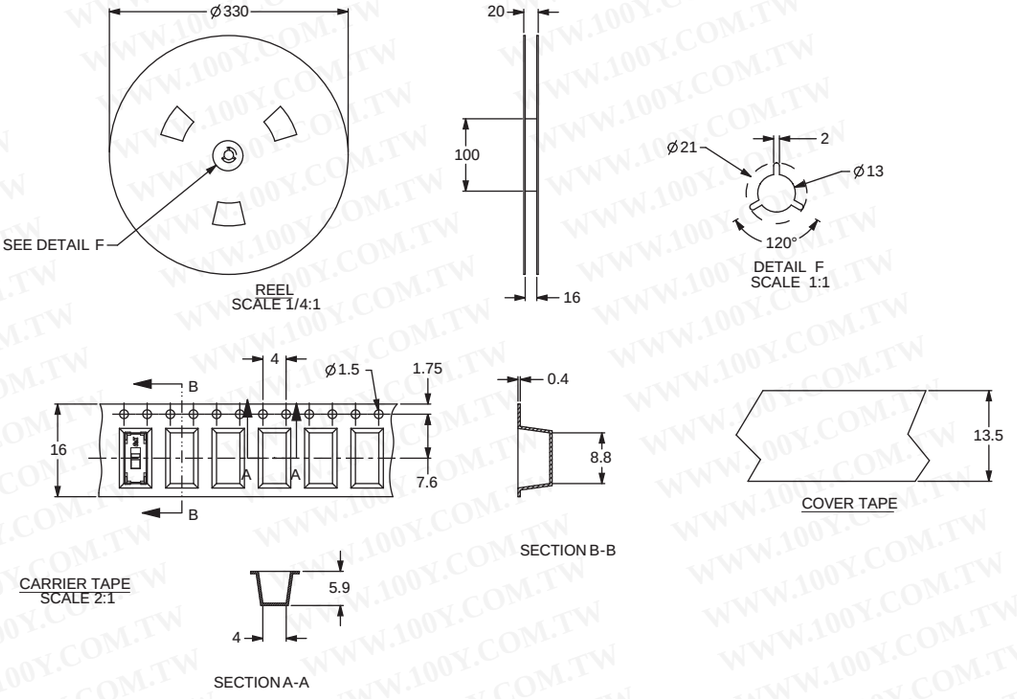


TAPE AND REEL FOR PART NUMBER JS203011JAQN

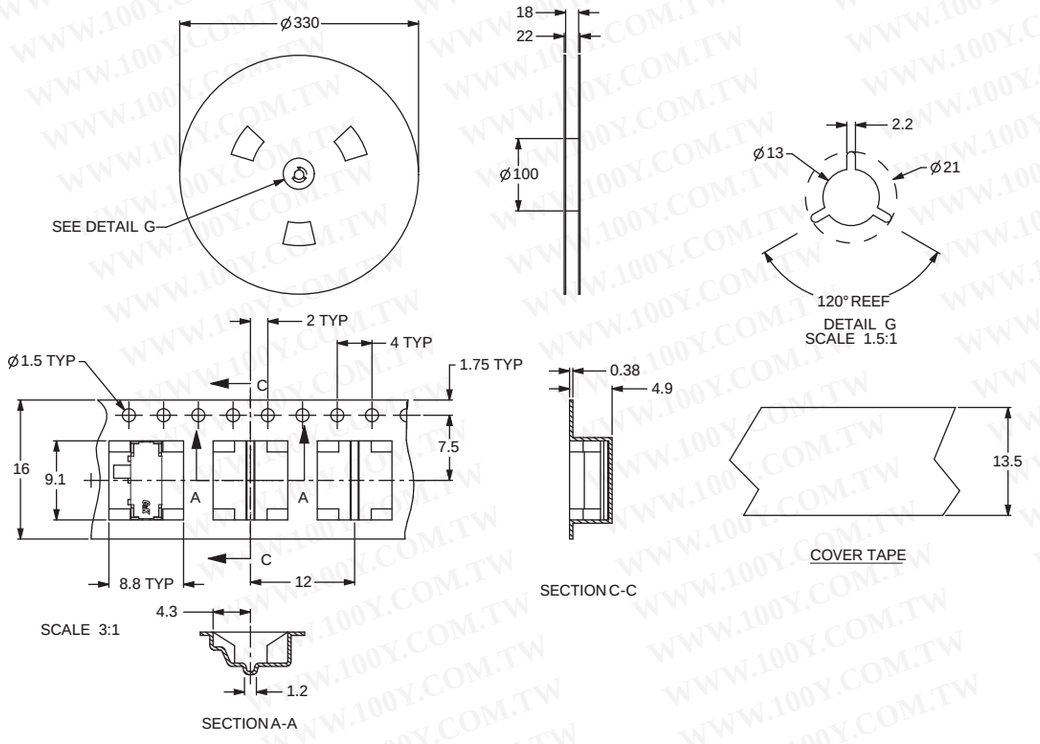
Quantity per reel 1000



TAPE AND REEL FOR
PART NUMBER JS202011JCQN
Quantity per reel 1300



TAPE AND REEL FOR PART NUMBER JS202011JAQN
Quantity per reel 1000

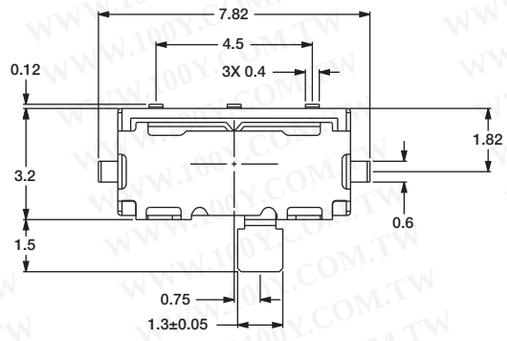


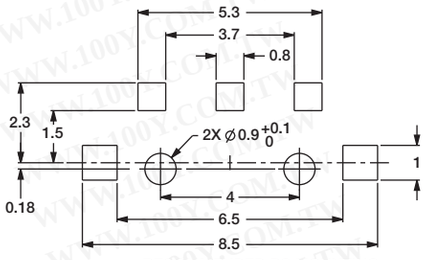
JS Series
Sub-Miniature Slide Switches

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

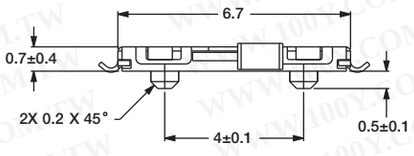
Part Number
JS102000SAQN
SPDT

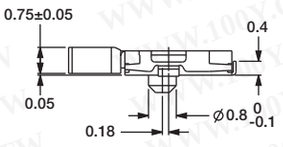
Specifications
CONTACT RATING: 5 VDC @ 1MA
ELECTRICAL LIFE: 15,000 cycles.
CONTACT RESISTANCE: <100 m ohms (initial) <200 m ohms (after processing).
INSULATION RESISTANCE: 100 m ohms @500 VDC.
DIELECTRIC STRENGTH: 250 VAC.
OPERATING TEMPERATURE: -40ºC to +85ºC





RECOMMENDED PC MOUNTING

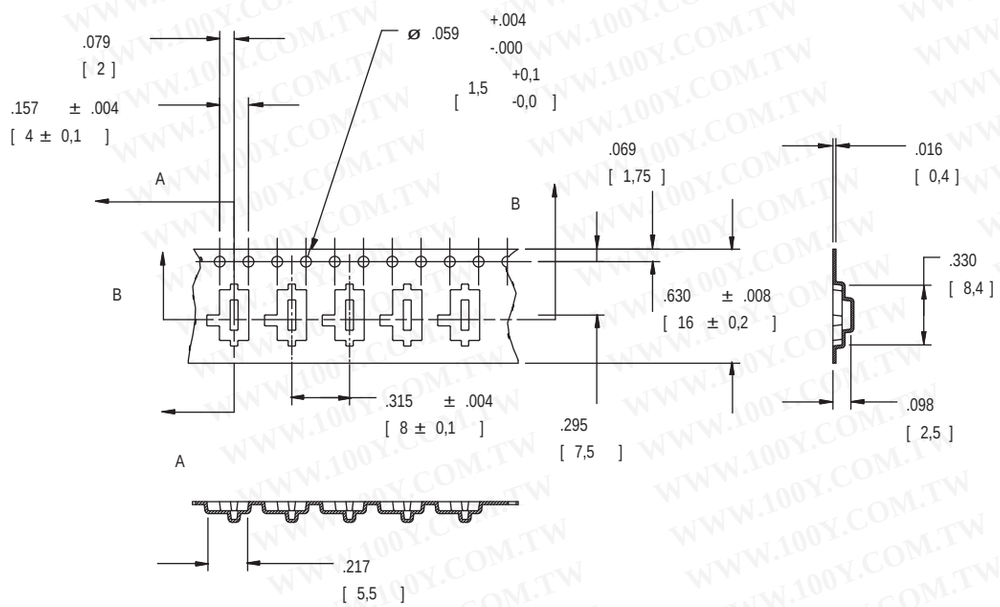




SCHEMATIC

TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000



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胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw