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,

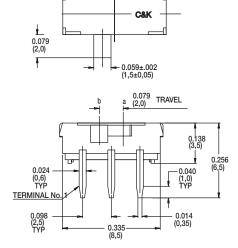
Materials

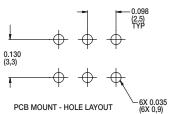
HOUSING: 4/6 nylon (UL94V-2), black.

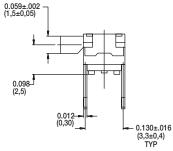
ACTUATOR: 4/6 nylon (UL94V-2), black (some options white).

CONTACTS: Copper alloy, silver plated. TERMINALS: Brass, silver plated

RIGHT ANGLE, PC THRU-HOLE



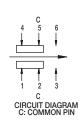






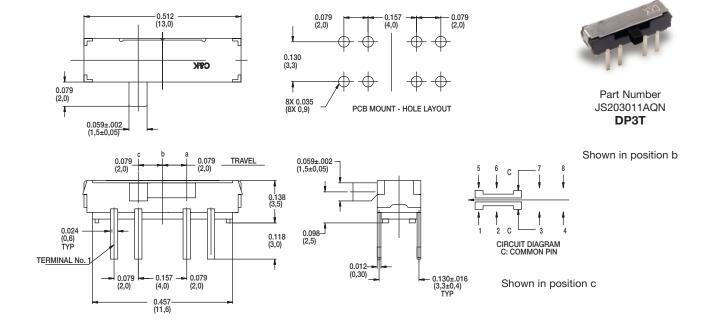
Part Number JS202011AQN **DPDT**

Shown in position b

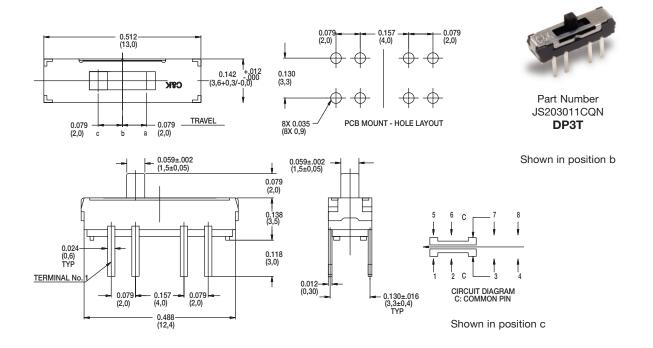


Shown in position b





PC THRU-HOLE





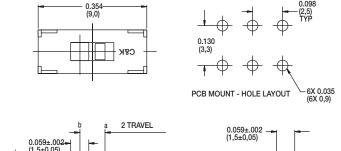
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

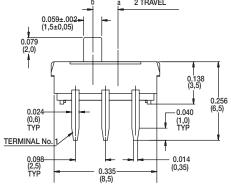


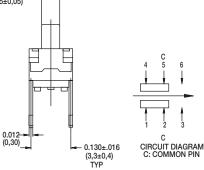


Shown in position a

DPDT







Shown in position b

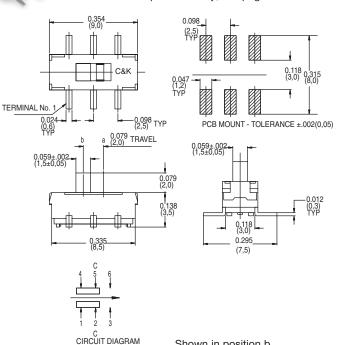
SURFACE MOUNT

Part number JS202011SCQN

DPDT

78 29 jun 16

Shown in position b. Quantity per reel 1000 Available in tape & reel only, see page I-58



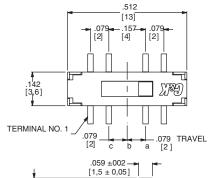
Shown in position b

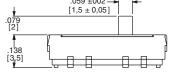
Part number JS203011SCQN

DP3T

Quantity per reel 900

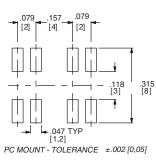
Available in tape & reel only, see page I-60

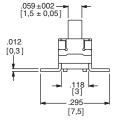






CIRCUIT DIAGRAM C: COMMON PIN Shown in position a

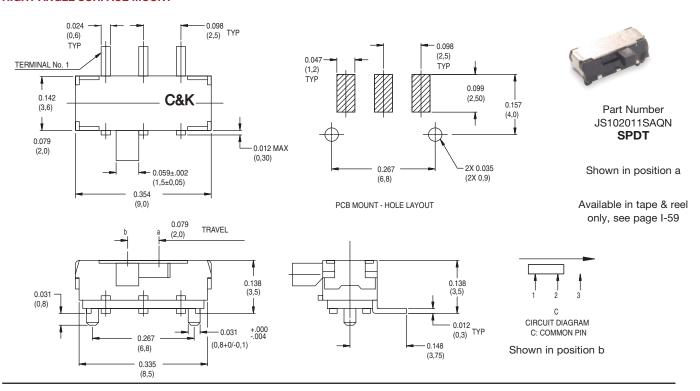




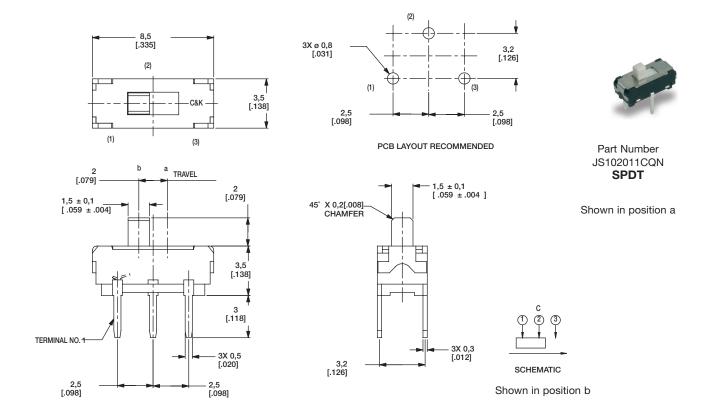


Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

RIGHT ANGLE SURFACE MOUNT



PC THRU-HOLE

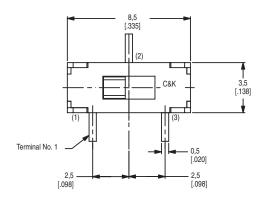


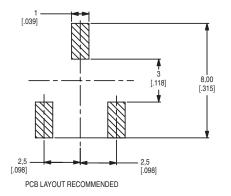


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



SURFACE MOUNT



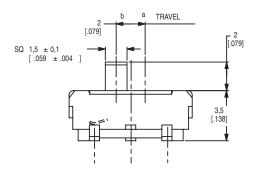


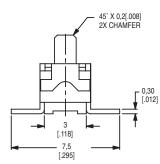


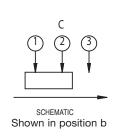
Part Number JS102011SCQN **SPDT**

Shown in position a

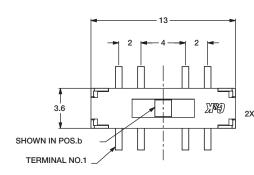
Available in tape & reel only, see page I-59

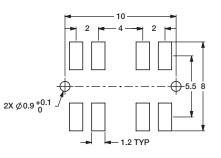






SURFACE MOUNT





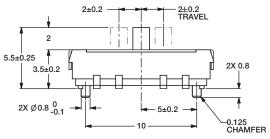


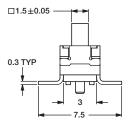
Part Number JS207011SCQNR DP3T

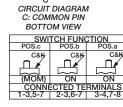
Shown in position b

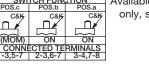
Available in tape & reel only, see page I-58

PC MOUNT - TOLERANCE $\pm .05$

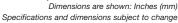




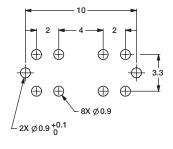












BOTTOM VIEW

С

CIRCUIT DIAGRAM

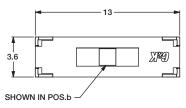
C: COMMON PIN **BOTTOM VIEW**

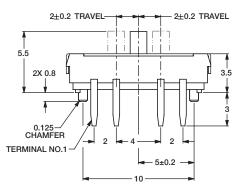
SWITCH FUNCTION

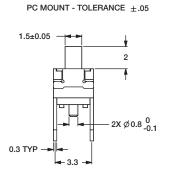


Part Number JS207011CQNR DP3T

Shown in position b







RIGHT ANGLE SURFACE MOUNT

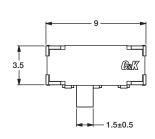
NEW

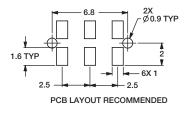


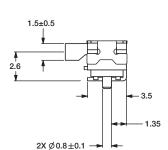
Part Number JS102011JAQN **SPDT**

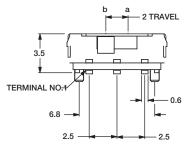
Shown in position

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









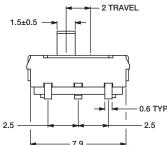


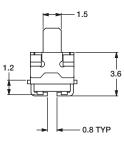
CIRCUIT DIAGRAM C: COMMON PIN

BOTTOM VIEW







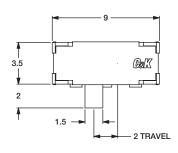


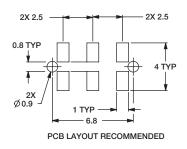
- 1.0 TYP 0.8

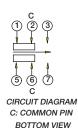
PCB LAYOUT RECOMMENDED



RIGHT ANGLE SURFACE MOUNT



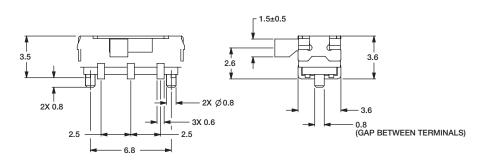




Part Number JS202011JAQN **DPDT**

Shown in position

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





Dimensions are shown: mm Specifications and dimensions subject to change



VERTICAL MOUNT SMT - J BEND



0.8 TYP

PCB LAYOUT RECOMMENDED

C CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

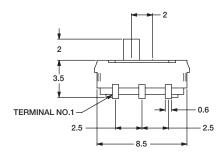


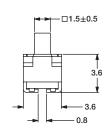
Part Number JS202011JCQN **DPDT**

Shown in position

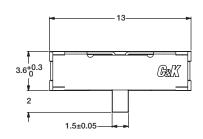
Available in tape & reel only, see page I-61

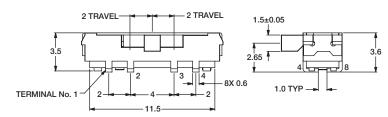






RIGHT ANGLE MOUNT SMT - J BEND



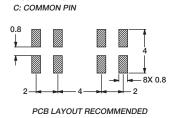




Part Number JS203011JAQN DP3T

Shown in position

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

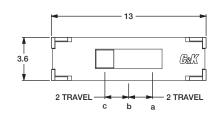


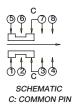
SCHEMATIC



Dimensions are shown: mm Specifications and dimensions subject to change

VERTICAL MOUNT SMT - J BEND

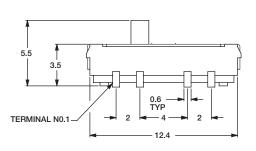


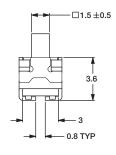


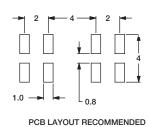


Part Number JS203011JCQN **DP3T**

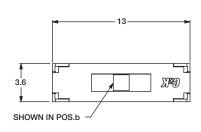
Available in tape & reel only, see page I-60

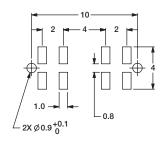


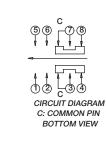




SURFACE MOUNT - J BEND



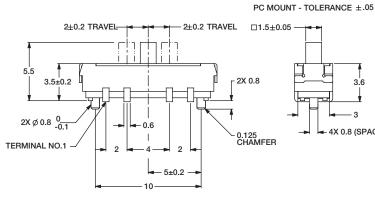


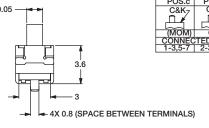




Part Number JS207011JCQNR **SP3T**

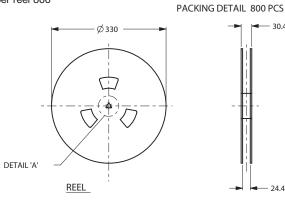
Available in tape & reel only, see page I-58

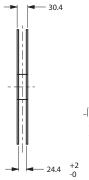


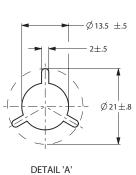


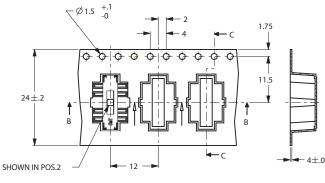
TAPE AND REEL FOR PART NUMBER JS207011SCQNR, JS207011JCQNR

Quantity per reel 800

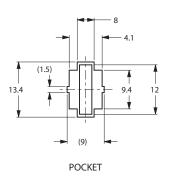








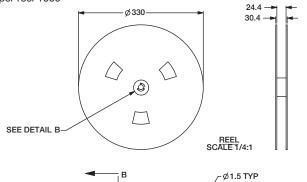


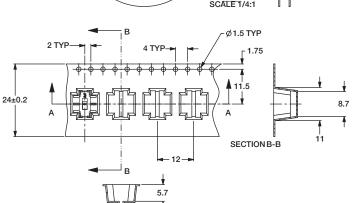


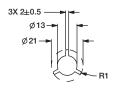


TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000







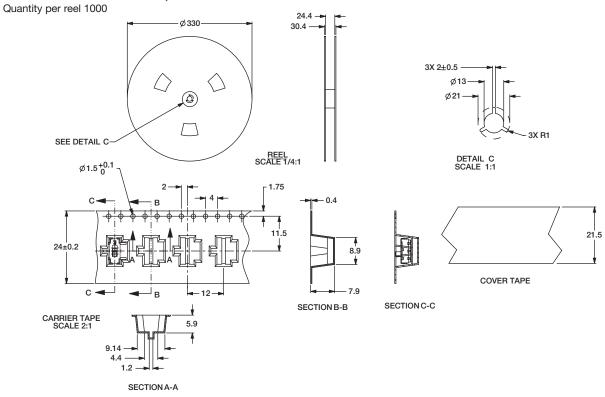
DETAIL B SCALE 1:1



COVER TAPE

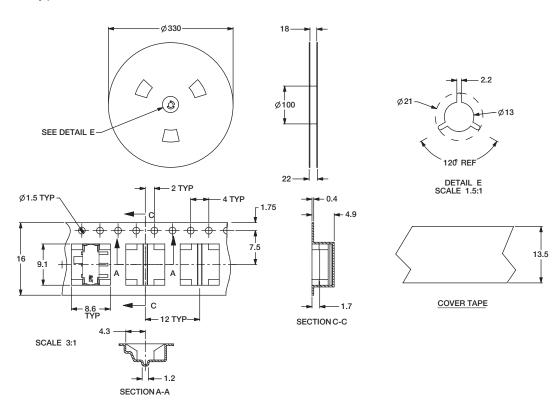


TAPE AND REEL FOR PART NUMBER JS102011SCQN, JS102011JCQN



TAPE AND REEL FOR PART NUMBER JS102011SAQN, JS102011JAQN

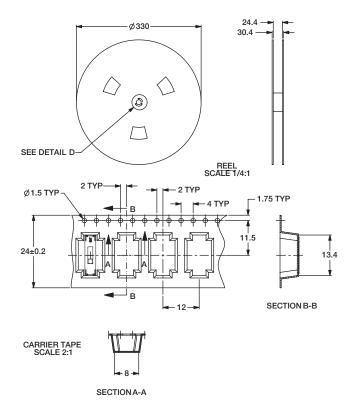
Quantity per reel 1000

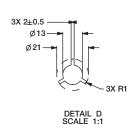


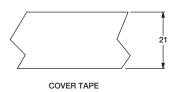




TAPE AND REEL FOR PART NUMBER JS203011SCQN, JS203011JCQN Quantity per reel 900

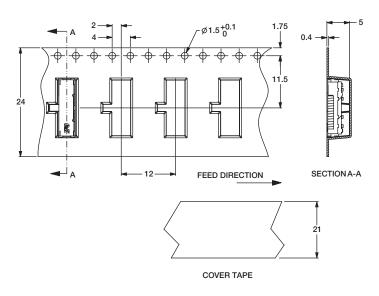


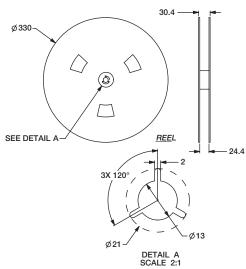




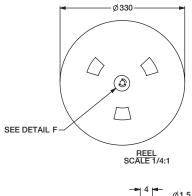
TAPE AND REEL FOR PART NUMBER JS203011JAQN

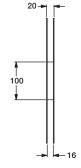
Quantity per reel 1000

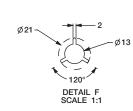


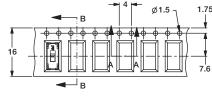


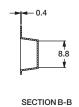


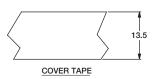












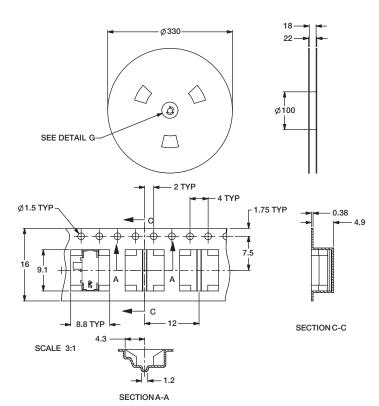
CARRIER TAPE SCALE 2:1

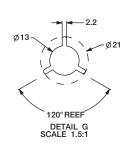


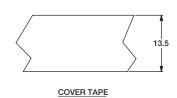
SECTION A-A

TAPE AND REEL FOR PART NUMBER JS202011JAQN

Quantity per reel 1000







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Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

LOW PROFILE .028±.004 (0.7±0.1) HIGH



Part Number JS102000SAQN **SPDT**

Specifications

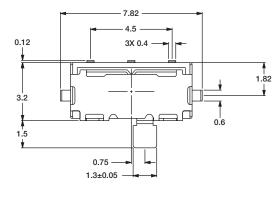
CONTACT RATING: 5 VDC @ 1mA ELECTRICAL LIFE: 15,000 cycles.

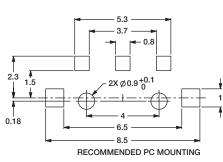
CONTACT RESISTANCE: <100 m ohms (initial) <200 m ohms (after processing).

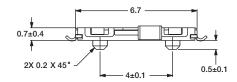
INSULATION RESISTANCE: 100 m ohms @500 VDC.

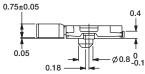
DIELECTRIC STRENGTH: 250 VAC.

OPERATING TEMPERATURE: -40°C to +85°C





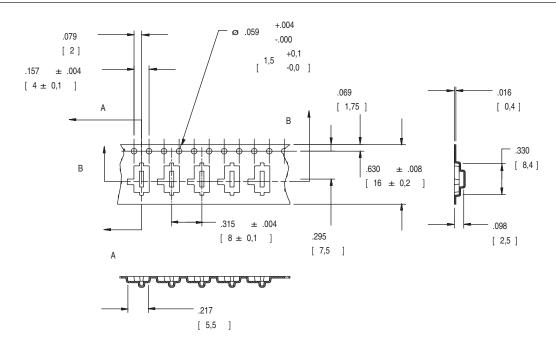






TAPE AND REEL FOR PART NUMBER JS102000SAQN

Quantity per reel 4000





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