Features/Benefits
• Positive detent
• Low profile
• IR reflow to 260° solder profile
• Surface and thru hole mounting
• SPDT, DPDT, DP3T models
• RoHS compliant

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

Typical Applications
• Telecommunication products
• Computer peripherals
• Thermostat select switch
• Instrumentation
• Medical

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
JS Series
Sub-Miniature Slide Switches

RIGHT ANGLE, PC THRU-HOLE

PC THRU-HOLE

Specifications and dimensions subject to change
Dimensions are shown: mm
JS Series
Sub-Miniature Slide Switches

PC THRU-HOLE

SURFACE MOUNT

Part number
JS202011SCQN
DPDT
Shown in position b. Quantity per reel 1000
Available in tape & reel only, see page I-58

Part number
JS203011SCQN
DP3T
Quantity per reel 900
Available in tape & reel only, see page I-60

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com
JS Series
Sub-Miniature Slide Switches

RIGHT ANGLE SURFACE MOUNT

TERMINAL No. 1

PCB MOUNT - HOLE LAYOUT

CIRCUIT DIAGRAM
C: COMMON PIN

PCB LAYOUT RECOMMENDED

Part Number
JS102011SAQN
SPDT

Shown in position a

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

PC THRU-HOLE

3X ø 0.8

PCB LAYOUT RECOMMENDED

Part Number
JS102011CQN
SPDT

Shown in position a

Specifications and dimensions subject to change

Dimensions are shown: mm

8 Oct 21

www.ckswitches.com
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

Part Number
JS207011SCQNR
DP3T

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

Specifications and dimensions subject to change
JS Series
Sub-Miniature Slide Switches

PC THRU-HOLES

RIGHT ANGLE SURFACE MOUNT

Part Number
JS207011CQNR
DP3T
Shown in position b

Part Number
JS102011JAQN
SPDT
Shown in position
Available in tape & reel only, see page I-59
JS Series
Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND

CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

NEW

Part Number
JS102011JCON
SPDT

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

RIGHT ANGLE SURFACE MOUNT

CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

NEW

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

www.ckswitches.com
JS Series
Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND

PCB LAYOUT RECOMMENDED

CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW

TERMINAL NO.1

0.6
2.5
8.5
2.5

PART NUMBER
JS202011JCQN
DPDT

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

RIGHT ANGLE MOUNT SMT - J BEND

PCB LAYOUT RECOMMENDED

SCHEMATIC
C: COMMON PIN

TERMINAL No. 1

3.5
2
1.5±0.05

PART NUMBER
JS203011JAQN
DP3T

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

Specifications and dimensions subject to change
Dimensions are shown: mm
www.ckswitches.com
JS Series
Sub-Miniature Slide Switches

VERTICAL MOUNT SMT - J BEND

Part Number
JS203011JCQN
DP3T
Shown in position b
Available in tape & reel only, see page I-60

SURFACE MOUNT - J BEND

Part Number
JS207011JCOINR
DP3T
Available in tape & reel only, see page I-58

Dimensions are shown: mm
Specifications and dimensions subject to change
JS Series
Sub-Miniature Slide Switches

TAPE AND REEL FOR PART NUMBER JS207011SCQNR, JS207011JCQNR

Quantity per reel 800

TAPE AND REEL FOR PART NUMBER JS202011SCQN

Quantity per reel 1000

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com
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
www.ckswitches.com
JS Series
Sub-Miniature Slide Switches

TAPE AND REEL FOR PART NUMBER JS203011SCQN, JS203011JCQN

Quantity per reel 900

TAPE AND REEL FOR PART NUMBER JS203011JAQN

Quantity per reel 1000
JS Series
Sub-Miniature Slide Switches

TAPE AND REEL FOR
PART NUMBER JS202011JCN
Quantity per reel 1000

SEE DETAIL F
REEL
SCALE 1/4:1

CARRIER TAPE
SCALE 2:1
SECTION A-A

SEE DETAIL G
SCALE 3:1
SECTION A-A

TAPE AND REEL FOR PART NUMBER JS202011JQN
Quantity per reel 1000

SEE DETAIL G
SCALE 3:1
SECTION A-A

Dimensions are shown: mm
Specifications and dimensions subject to change
www.ckswitches.com
JS Series
Sub-Miniature Slide Switches

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

Part Number
JS102000SAQN
SPDT

TAPE AND REEL FOR PART NUMBER JS102000SAQN
Quantity per reel 4000

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

www.ckswitches.com