2.2mm-travel Medium-sized Vertical Type SPPH4 Series

Part number			**SPPH430200**
Changeover timing			Non shorting
Travel			2.2mm
Total travel			3mm
Operating force			2±1N
Mounting method			PC board
Poles			2
Operation			Momentary
Terminal type			Snap-in
Location lug			With
Operating temperature range			-10℃ to +60℃
Rating (max.)/(min.) (Resistive load)			0.1A 30V DC/50µA 3V DC
Electrical performance	Contact resistance (Initial performance/After lifetime)		100mΩ max. (Initial performance)
	Insulation resistance		100MΩ min. 500V DC
	Voltage proof		500V AC for 1 minute
Mechanical performance	Terminal strength		5N for 1 minute
	Actuator strength	Operating direction	30N
		Pulling direction	10N
Durability	Operating life without load		10,000 cycles 100mΩ max.
	Operating life with load (at max. rated load)		10,000 cycles 100mΩ max.
Environmental performance	Cold		-20±2℃ for 96h
	Dry heat		85±2℃ for 96h
	Damp heat		40±2℃, 90 to 95%RH for 96h

Minimum order unit (pcs.)	Japan	100
	Export	6,000

Dimensions

Unit: mm

6.5
4
3.3
2.5

11 2
(9.5)
18
8.5
0.8
3.5

0.3
ø1
5.4

PC board mounting surface

Location lug

(0.2)
8.5
4
3.3
2.5

Terminal No.③
Terminal No.②
(common)

0.5
2.5
2.5
3

Terminal No.①

2.2(Travel)
3(Total travel)

Above dimensions indicate "with location lug" version.
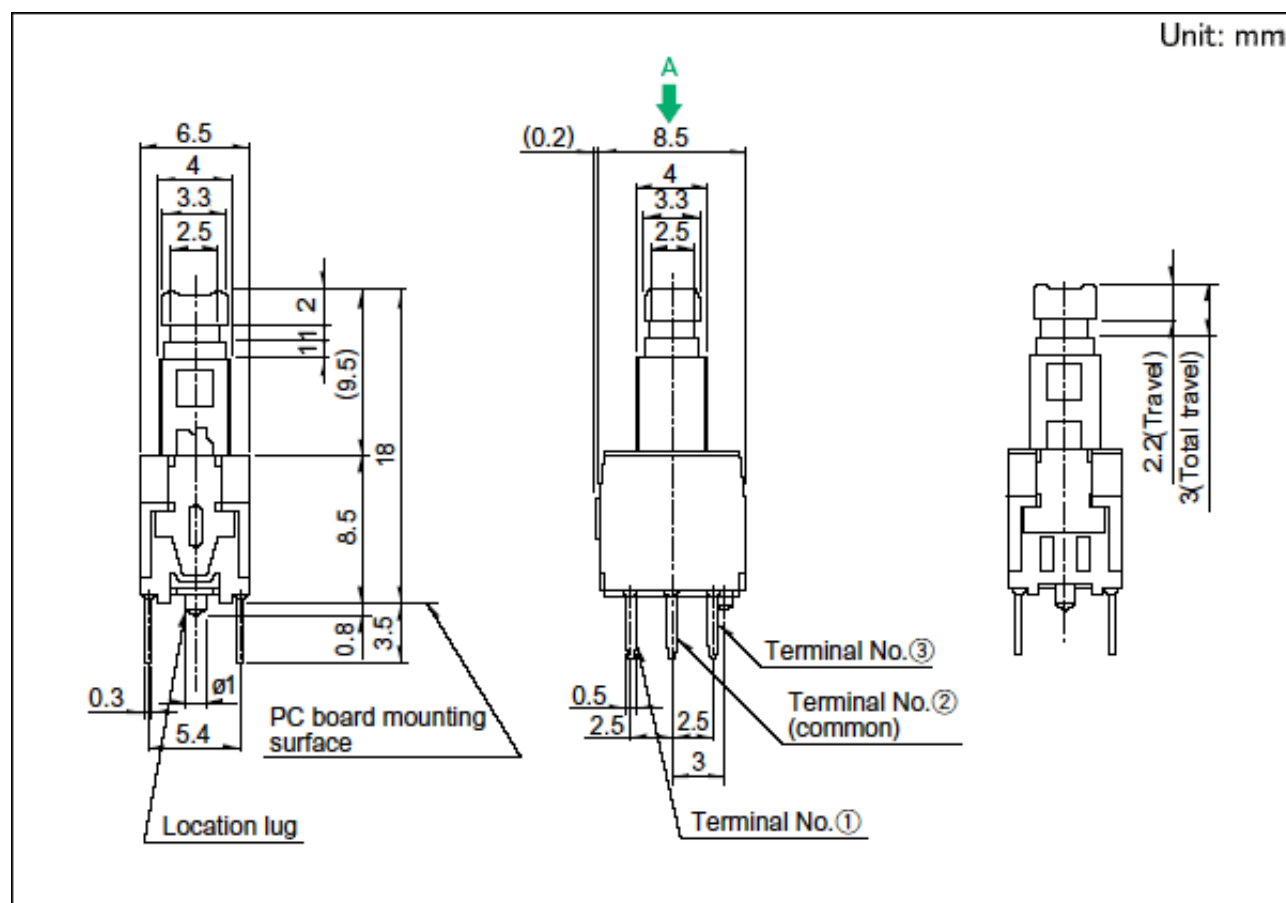
Mounting Hole Dimensions

Unit: mm

3
2.5 2.5

For location lug

5.4

ø1.2 hole

6-ø0.9 holes

Thickness of PC board t=1.6mm
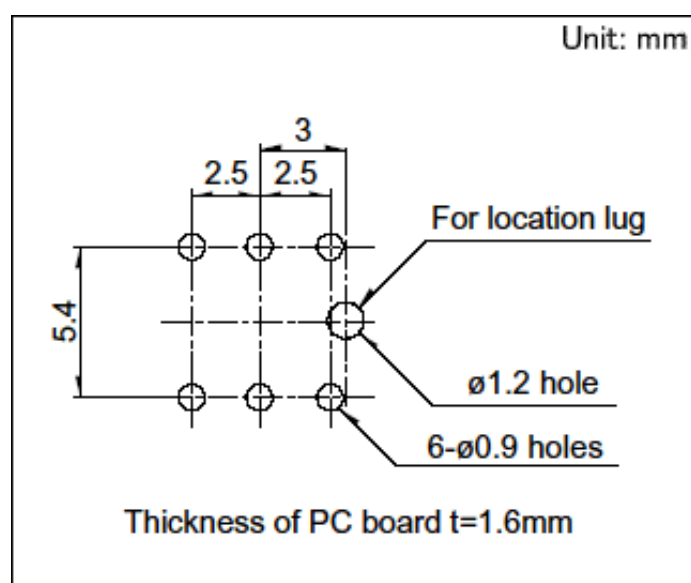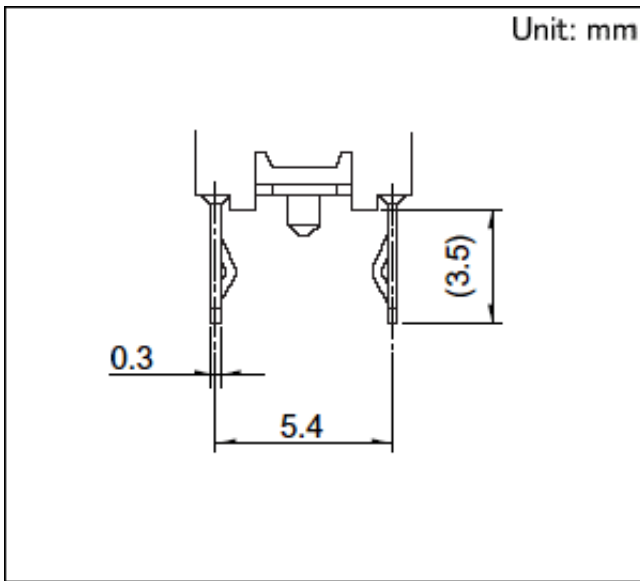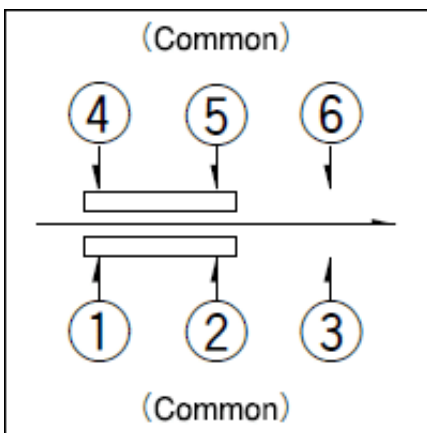
Viewed from direction A in the dimensions.

Terminal Configuration

Circuit Diagram

Packing Specifications

Bulk

Number of packages (pcs.)	1 case / Japan	1,200
	1 case / export packing	6,000
Export package measurements (mm)		400×270×290

Soldering Conditions

Reference for Dip Soldering

Items	Preheating temperature	-
	Preheating time	-
Dip soldering	Soldering temperature	260±5°C
	Duration of immersion	5±1s

Reference for Hand Soldering

Soldering temperature	350±5°C

Notes are common to this series/models.

▲ Page top

1. This site catalog shows only outline specifications. When using the product, please read formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).
3. Products other than those listed in the above chart are also available. Please contact us for details.

▲ Page top