

## 2.2mm-travel Medium-sized Vertical Type SPPH4 Series

Part number	<b>SPPH430200</b>		
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°C to +60°C		
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°C for 96h
	Dry heat		85±2°C for 96h

Damp heat

40±2°C, 90 to 95%RH for 96h

Minimum order unit (pcs.)

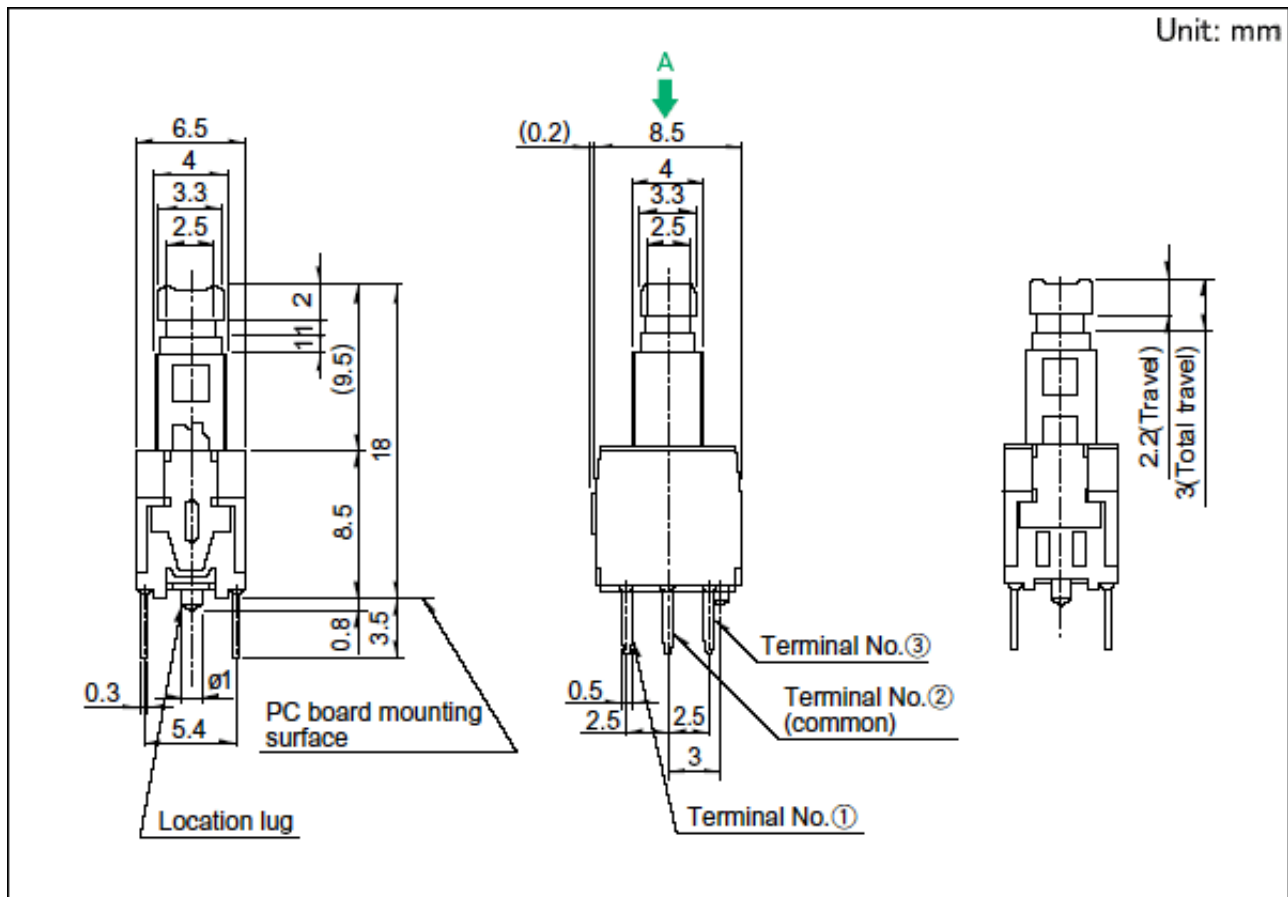
Japan

100

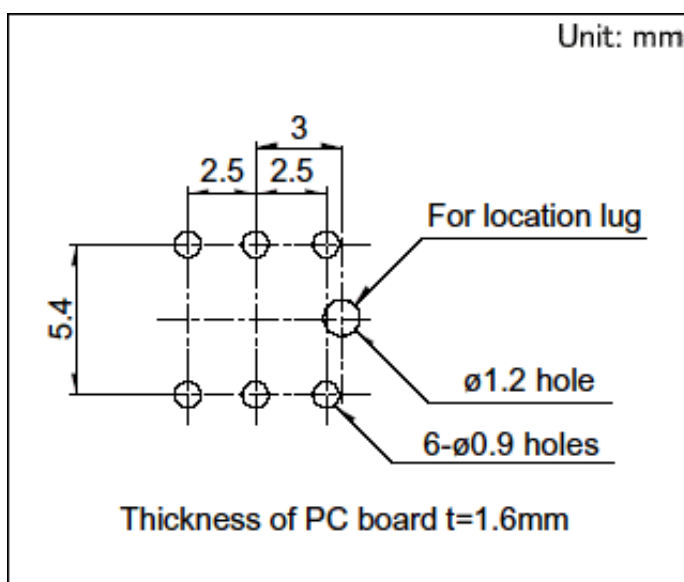
Export

6,000

## Dimensions

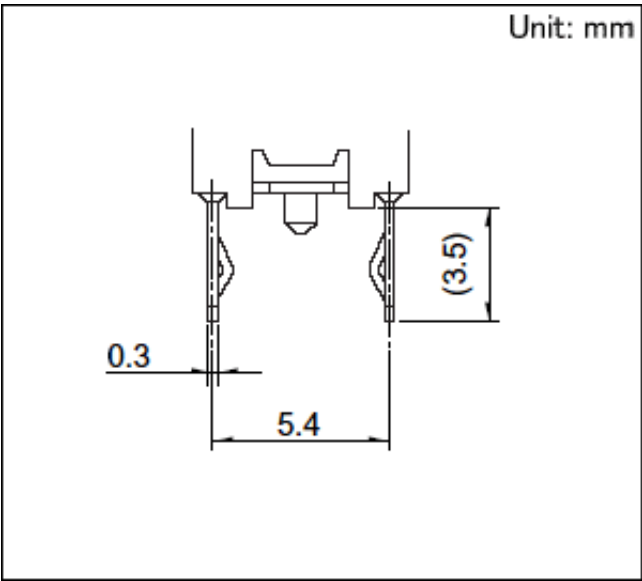


## Mounting Hole Dimensions

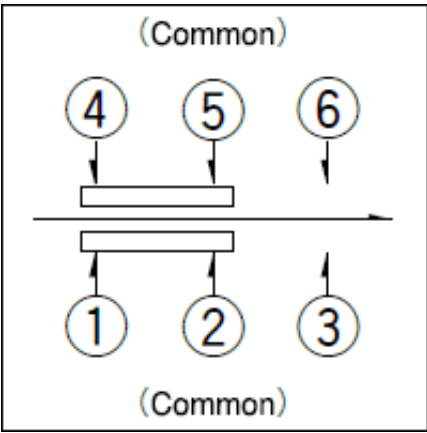


Viewed from direction A in the dimensions.

## 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℃
	Duration of immersion	5±1s
Reference for Hand Soldering		
Soldering temperature		350±5℃

## Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain 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.