Wide product variety supporting various digital devices.





- Rating(max.)/(min.)(Resistive load): 0.1A 30V DC/50µA 3V DC
- Contact resistance(Initial/After operating life): 1Ω max./ 2Ω max.
- Operating life without load: 50,000 cycles
- Operating life with load Rating(max.)(Resistive load):

50,000 cycles 2Ω max.

Applications: Healthcare: Healthcare equipment

Home: Major home appliances

Audio_TV: Audio

Automotive: Navigation/audio systems, HVAC

■ Product List

| Products No. | Poles | Positions | Operating force | Operation part shape | Terminal type | Dimensions (W×D×H) (mm) | Water-proof | Dust-proof | Automotive | Drawing No. |
|--------------|-------|-----------|-----------------|----------------------|--------------------------|-------------------------------|-------------|------------|------------|----------------|
| SPPB110300 | 1 | 1 | 0.35N max. | Push | For Lead | 9.7×3.75×5.1 | _ | _ | • | 1 |
| SPPB120200 | 1 | 1 | 0.35N max. | Push | For Lead | 9.7×3.75×5.1 | _ | _ | • | 2 |
| SPPB310400 | 1 | 1 | 0.35N max. | Push | For Lead | 8.8×3.5×5.1 | _ | _ | • | 3 |
| SPPB320100 | 1 | 1 | 0.35N max. | Push | For Lead | 8.8×3.5×5.1 | _ | _ | • | 4 |
| SPPB1A0100 | 1 | 1 | 0.35N max. | Actuator A | For Lead | 9.75×3.75×5.7 | _ | _ | • | 5 |
| SPPB1A0101 | 1 | 1 | 0.35N max. | Actuator A | For Lead | 9.75×3.75×5.7 | _ | _ | • | 6 |
| SPPB2A0100 | 1 | 1 | 0.35N max. | Actuator C | For Lead | 9.75×3.75×5.7 | _ | _ | • | 7 |
| SPPB2A0101 | 1 | 1 | 0.35N max. | Actuator C | For Lead | 9.75×3.75×5.7 | _ | _ | • | 8 |
| SPPB512300 | 1 | 1 | 0.35N max. | Push | For PC board (Dip) | 6.3×3.0×4.9 | _ | _ | • | 9 |
| SPPB610400 | 1 | 1 | 0.35N max. | Push | For PC board (Dip) | 6.3×5.1×3.7 | _ | _ | • | 10 |
| SPPB620300 | 1 | 1 | 0.35N max. | Push | For PC board (Dip) | 6.3×5.1×3.7 | _ | _ | • | 11 |
| SPPB5A0100 | 1 | 1 | 0.35N max. | Actuator A | For PC board (Dip) | 9.15×3.75×5.5 | _ | _ | • | 12 |
| SPPB6A0100 | 1 | 1 | 0.35N max. | Actuator A | For PC board (Dip) | 10.0×6.1×5.25 | _ | _ | • | 13 |
| SPPB6A0400 | 1 | 1 | 0.35N max. | Actuator A | For PC board (Dip) | 10.0×6.1×5.25 | _ | _ | • | 14 |
| SPPB530701 | 1 | 1 | 0.35N max. | Push | For PC board (Reflow) | 6.5×3.1×4.9 | _ | _ | • | 15 |
| SPPB530601 | 1 | 1 | 0.35N max. | Push | For PC board (Reflow) | 6.4×3.0×4.9 | _ | _ | • | 16 |
| SPPB630101 | 1 | 1 | 0.35N max. | Push | For PC board (Reflow) | 6.3×6.1×4.25 | _ | _ | • | 17 |
| SPPB640201 | 1 | 1 | 0.35N max. | Push | For PC board (Reflow) | 6.3×6.1×4.25 | _ | _ | • | 18 |

⚠Note

- 1. This 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. Please place purchase orders for taping products per minimum order unit (1 reel or a case).
- 4. This products can be used in vehicles.

Although these products are designed to perform over a wide operating temperature range, please ensure that you receive and read the formal delivery specifications before use.



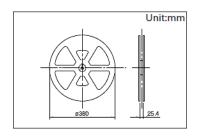
■ Packing Specifications

Bulk

| Products No. | Number of pa | ackages(pcs.) | Export package measurements (mm) | |
|--|----------------|-------------------------|--|--|
| Products No. | 1 case / Japan | 1 case / export packing | | |
| SPPB110300 SPPB120200 SPPB310400 SPPB320100 SPPB610400 SPPB620300 | 2,000 | 10,000 | 400 x 270 x 290 | |
| SPPB1A0100 SPPB1A0101 SPPB2A0100 SPPB2A0101 SPPB5A0100 SPPB6A0100 SPPB6A0400 | 1,000 | 5,000 | 400 x 270 x 290 | |
| SPPB512300 | 4,000 | 20,000 | 400 x 270 x 290 | |

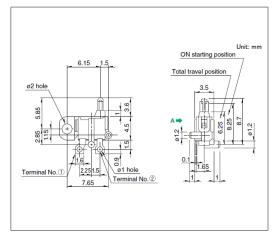
Taping

| | Numt | per of packages | (pcs.) | Tape width | Export package | |
|--------------------------|--------|-------------------------------|--------|------------|----------------------|--|
| Products No. | 1 reel | 1 case / Japan export packing | | (mm) | measurements (mm) | |
| SPPB530701 | 1,500 | 3,000 | 6,000 | 24 | 406×406×160 | |
| SPPB530601 | 600 | 1,200 | 2,400 | 24 | 406×406×160 | |
| SPPB630101 SPPB640201 | 1,300 | 2,600 | 5,200 | 24 | 406×406×160 | |

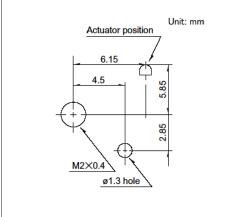


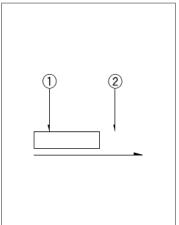
Drawing No.1

Dimensions



■ Mounting Hole Dimensions





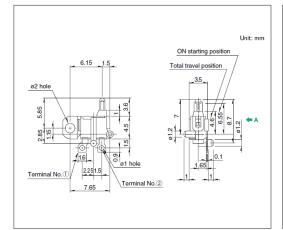
Viewed from direction A in the dimensions.

General-purpose Type

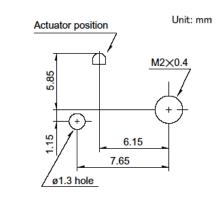
SPPB Series

Drawing No.2

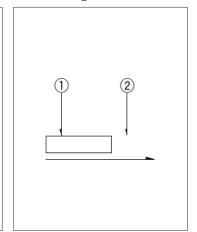
■ Dimensions



■ Mounting Hole Dimensions



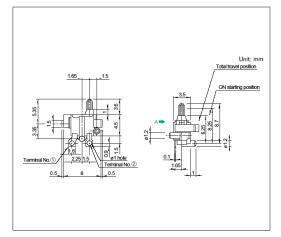
■ Circuit Diagram



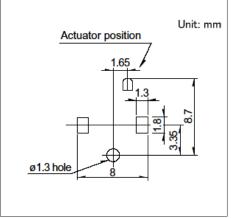
Viewed from direction A in the dimensions.

Drawing No.3

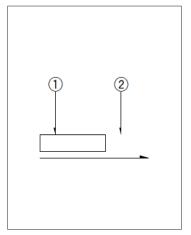
■ Dimensions



■ Mounting Hole Dimensions



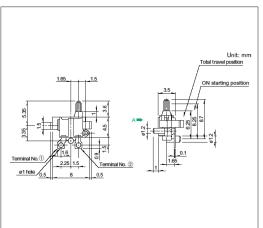
■ Circuit Diagram



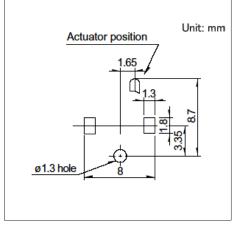
Viewed from direction A in the dimensions.

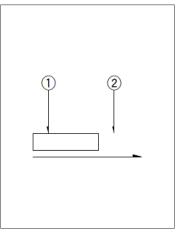
Drawing No.4

■ Dimensions



■ Mounting Hole Dimensions

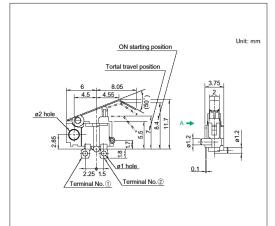




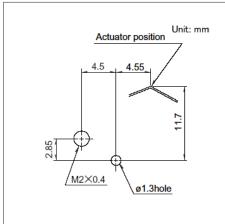
Viewed from direction A in the dimensions.

Drawing No.5

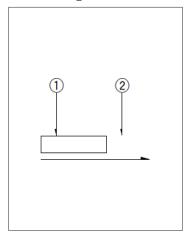
■ Dimensions



■ Mounting Hole Dimensions



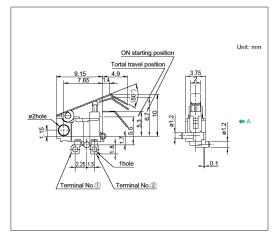
■ Circuit Diagram



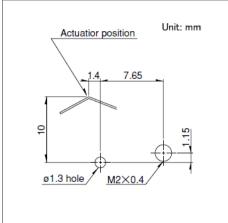
Viewed from direction A in the dimensions.

Drawing No.6

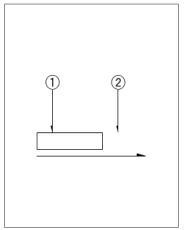
■ Dimensions



■ Mounting Hole Dimensions



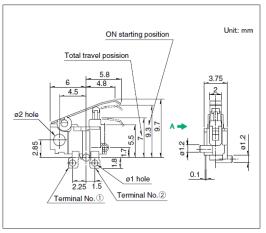
■ Circuit Diagram



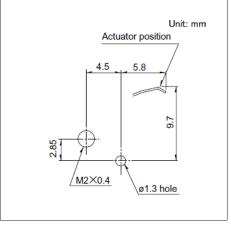
Viewed from direction A in the dimensions.

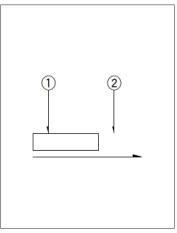
Drawing No.7

■ Dimensions



■ Mounting Hole Dimensions

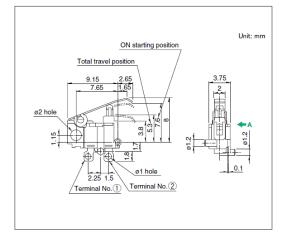




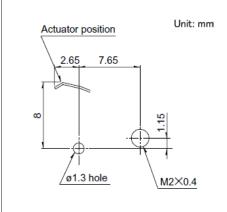
Viewed from direction A in the dimensions.

Drawing No.8

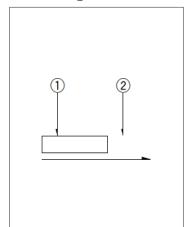
■ Dimensions



■ Mounting Hole Dimensions



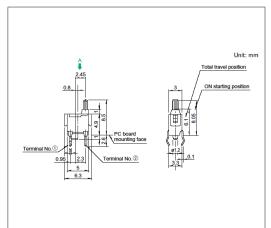
■ Circuit Diagram



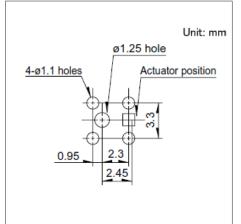
Viewed from direction A in the dimensions.

Drawing No.9

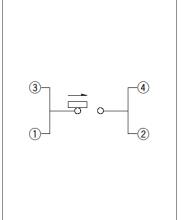
■ Dimensions



■ Mounting Hole Dimensions



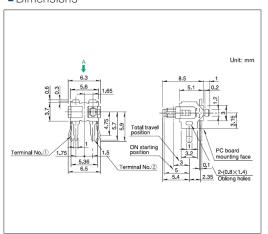
■ Circuit Diagram



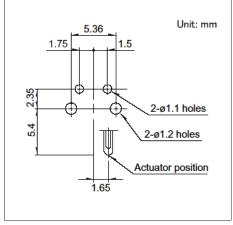
Viewed from direction A in the dimensions.

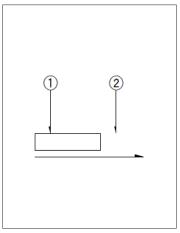
Drawing No.10

■ Dimensions



■ Mounting Hole Dimensions





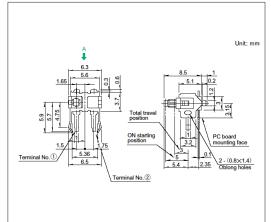
Viewed from direction A in the dimensions.

General-purpose Type

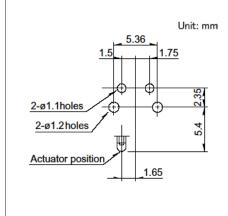
SPPB Series

Drawing No.11

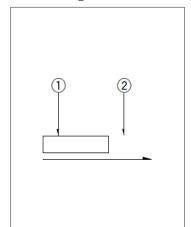
■ Dimensions



■ Mounting Hole Dimensions



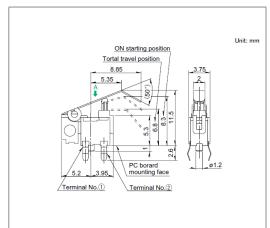
■ Circuit Diagram



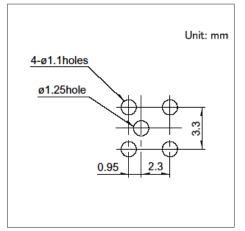
Viewed from direction A in the dimensions.

Drawing No.12

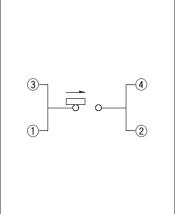
■ Dimensions



■ Mounting Hole Dimensions



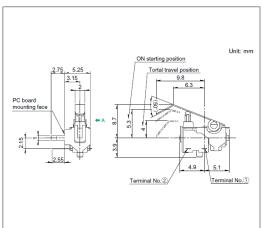
■ Circuit Diagram



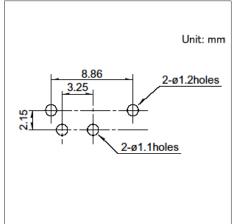
Viewed from direction A in the dimensions.

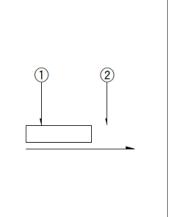
Drawing No.13

■ Dimensions



■ Mounting Hole Dimensions

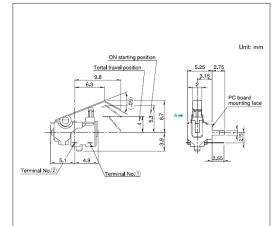




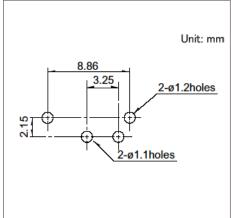
Viewed from direction A in the dimensions.

Drawing No.14

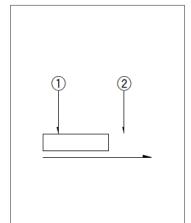
■ Dimensions



■ Mounting Hole Dimensions



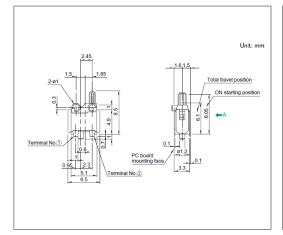
■ Circuit Diagram



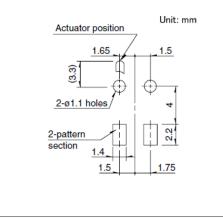
Viewed from direction A in the dimensions.

Drawing No.15

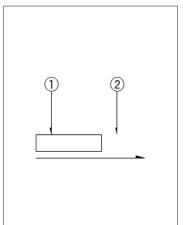
■ Dimensions



■ Land Dimensions



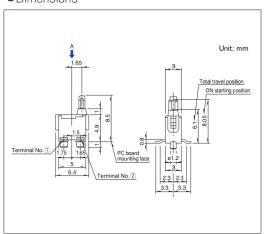
■ Circuit Diagram



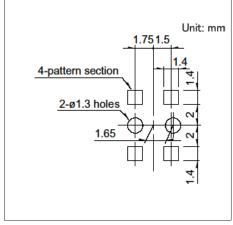
Viewed from direction A in the dimensions.

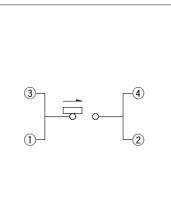
Drawing No.16

■ Dimensions



■ Land Dimensions

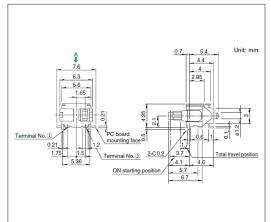




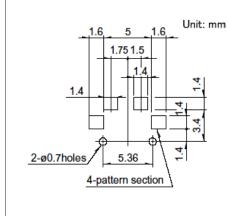
Viewed from direction A in the dimensions.

Drawing No.17

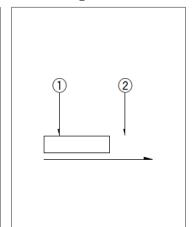
■ Dimensions



■ Land Dimensions



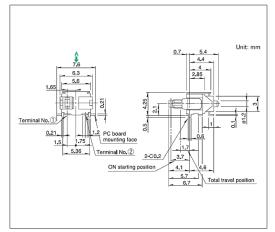
■ Circuit Diagram



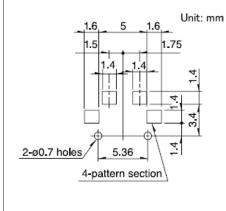
Viewed from direction A in the dimensions.

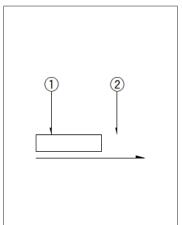
Drawing No.18

■ Dimensions



■ Land Dimensions





Viewed from direction A in the dimensions.