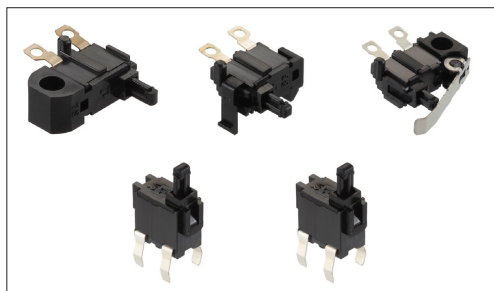


Switches

Detector Switches

General-purpose Type
SPPB Series

Wide product variety supporting various digital devices.



Automotive

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

Switches

Detector Switches

General-purpose Type
SPPB Series

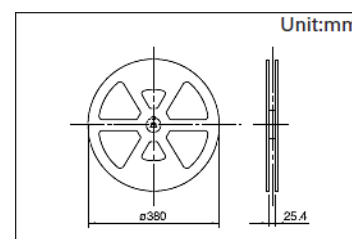
■ Packing Specifications

Bulk

Products No.	Number of packages(pcs.)		Export package measurements (mm)
	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

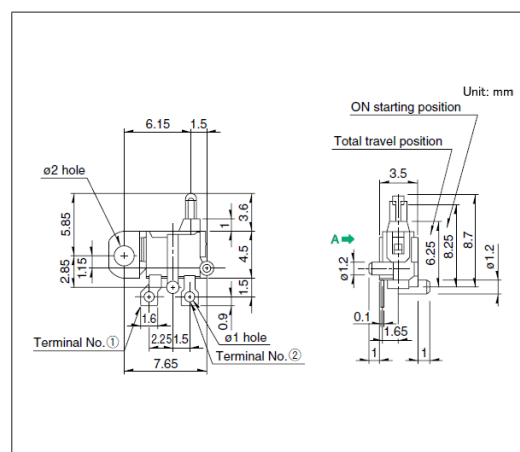
Taping

Products No.	Number of packages(pcs.)			Tape width (mm)	Export package measurements (mm)
	1 reel	1 case / Japan	1 case / export packing		
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

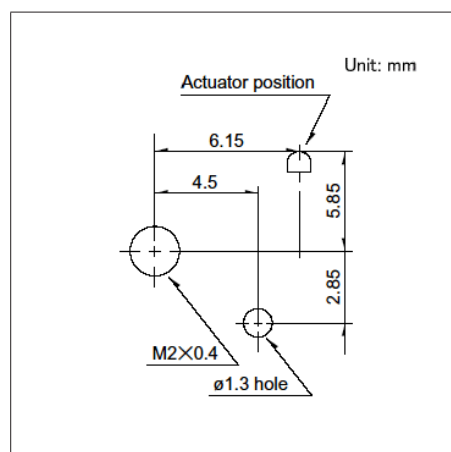


Drawing No.1

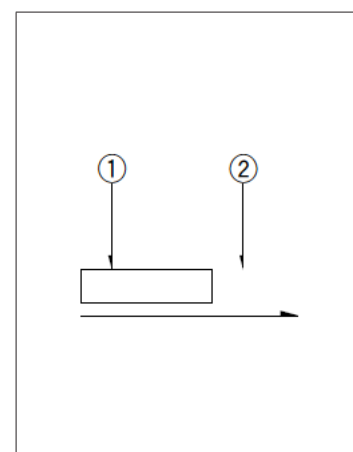
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram



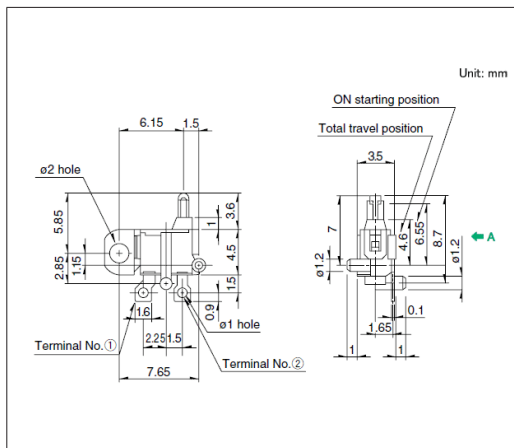
Viewed from direction A in the dimensions.

Switches Detector Switches

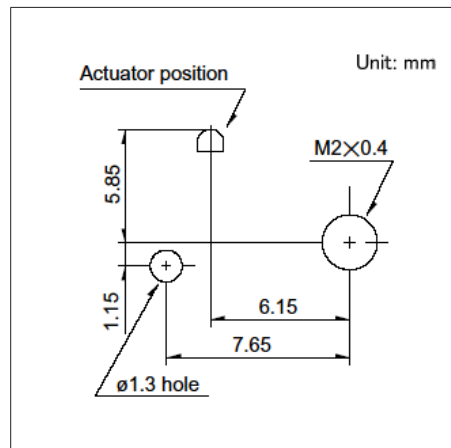
General-purpose Type
SPPB Series

Drawing No.2

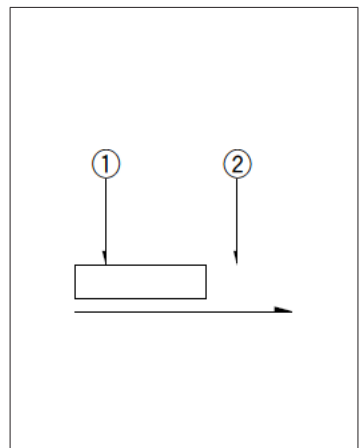
■ Dimensions



■ Mounting Hole Dimensions



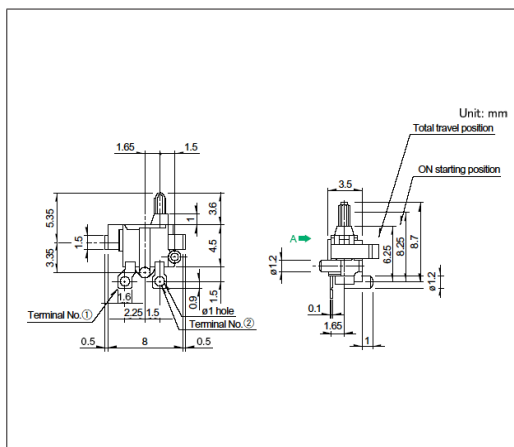
■ Circuit Diagram



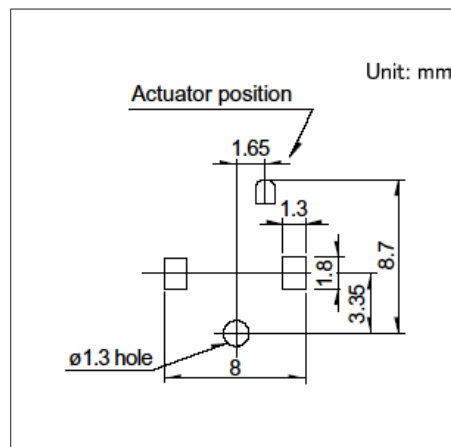
Viewed from direction A in the dimensions.

Drawing No.3

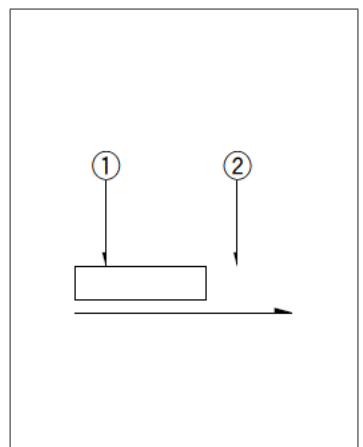
■ Dimensions



■ Mounting Hole Dimensions



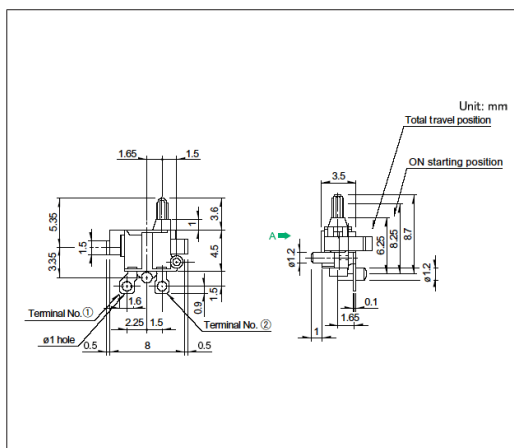
■ Circuit Diagram



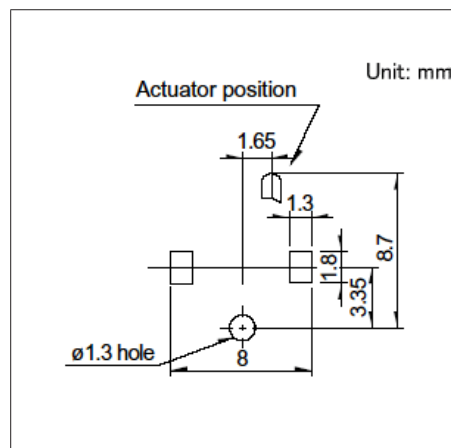
Viewed from direction A in the dimensions.

Drawing No.4

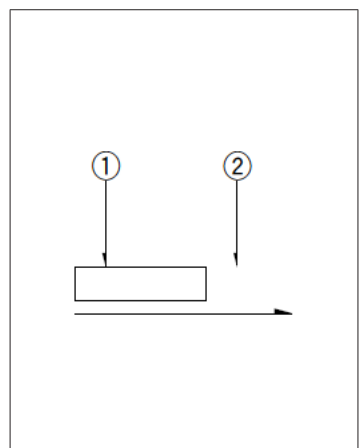
■ Dimensions



■ Mounting Hole Dimensions



■ Circuit Diagram

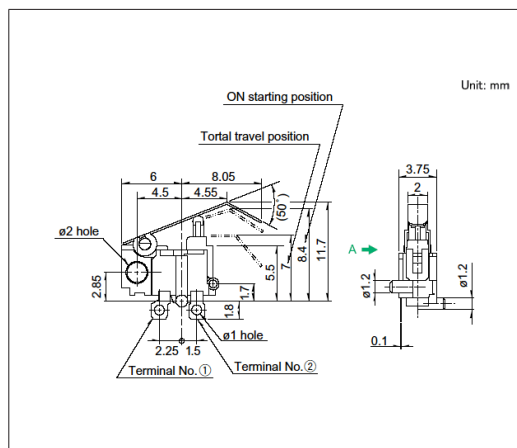


Viewed from direction A in the dimensions.

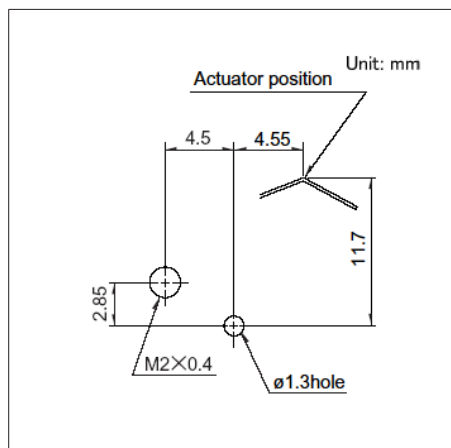
General-purpose Type
SPPB Series

Drawing No.5

■ Dimensions

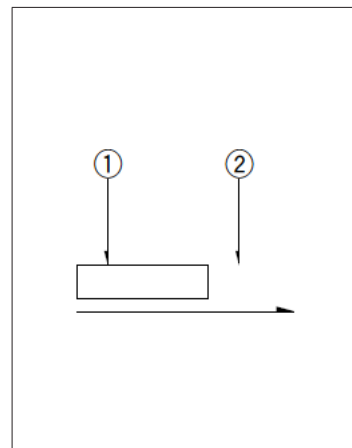


■ Mounting Hole Dimensions



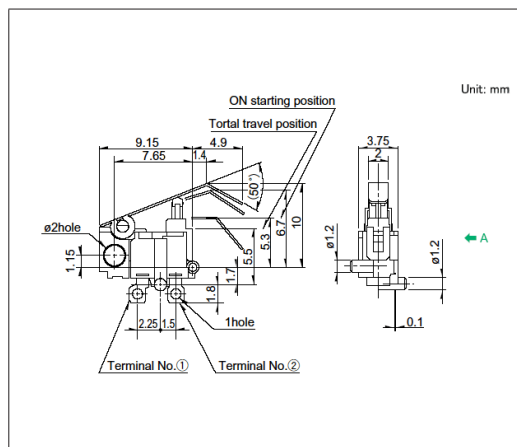
Viewed from direction A in the dimensions.

- Circuit Diagram

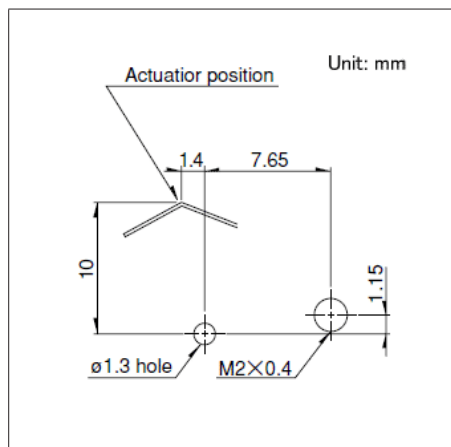


Drawing No.6

■ Dimensions

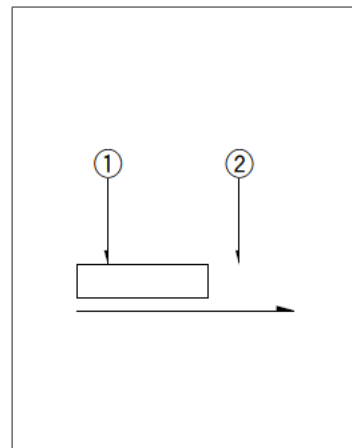


■ Mounting Hole Dimensions



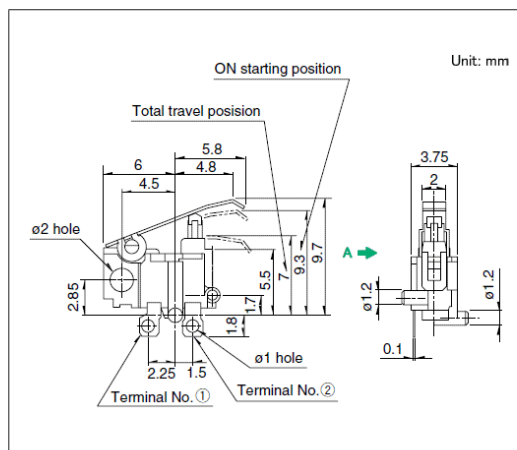
Viewed from direction A in the dimensions.

- Circuit Diagram

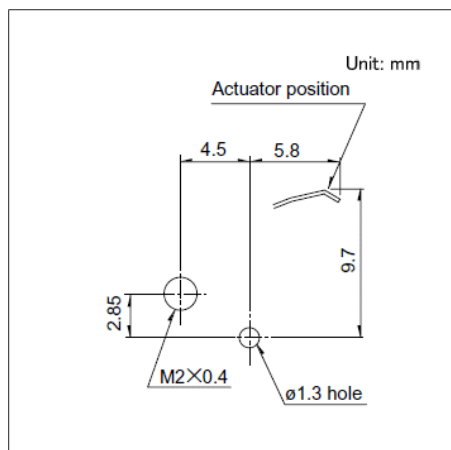


Drawing No.7

■ Dimensions

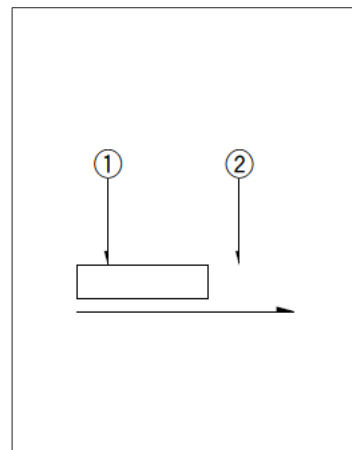


■ Mounting Hole Dimensions



Viewed from direction A in the dimensions.

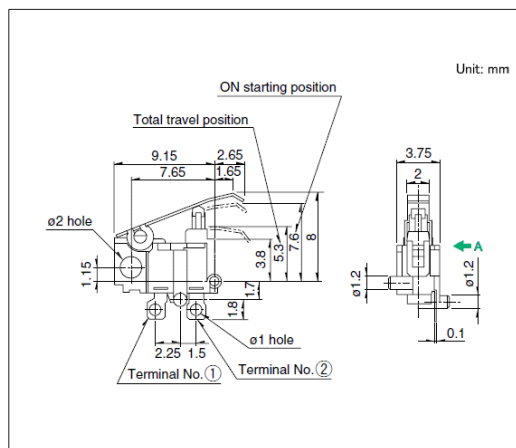
- Circuit Diagram



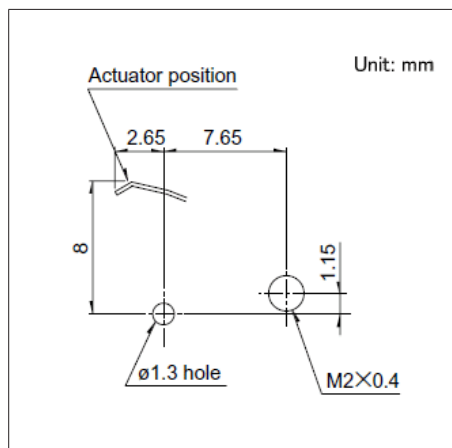
General-purpose Type
SPPB Series

Drawing No.8

■ Dimensions

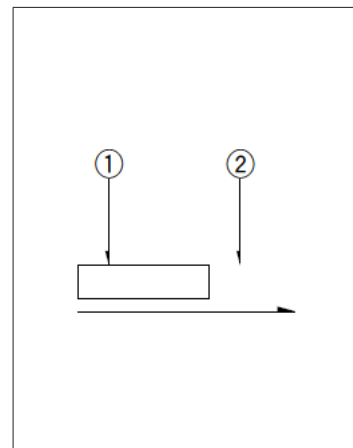


■ Mounting Hole Dimensions



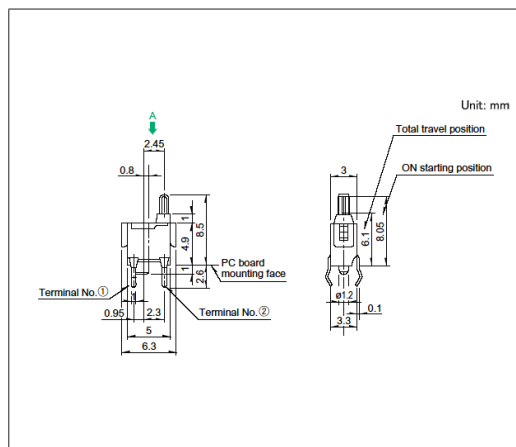
Viewed from direction A in the dimensions.

- Circuit Diagram

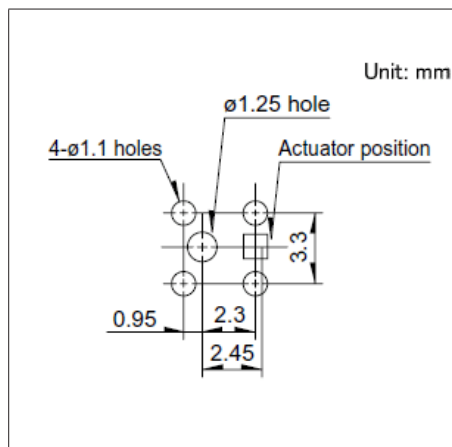


Drawing No.9

■ Dimensions

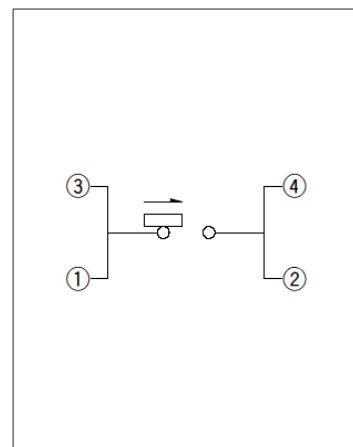


■ Mounting Hole Dimensions



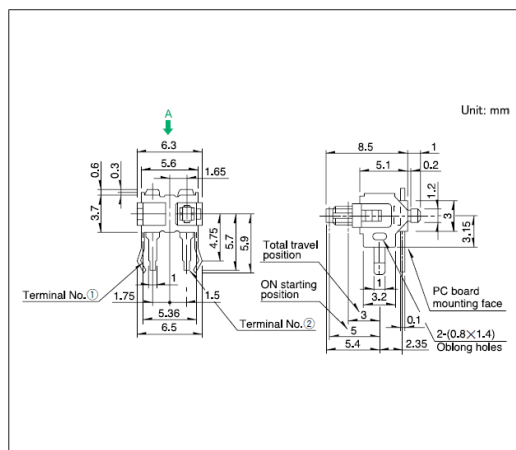
Viewed from direction A in the dimensions.

- Circuit Diagram

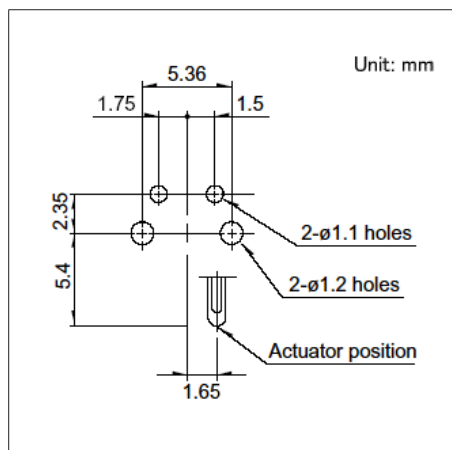


Drawing No.10

■ Dimensions

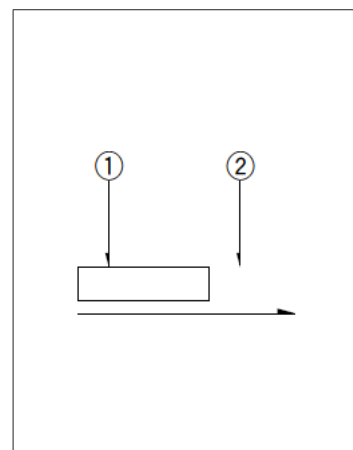


■ Mounting Hole Dimensions



Viewed from direction A in the dimensions.

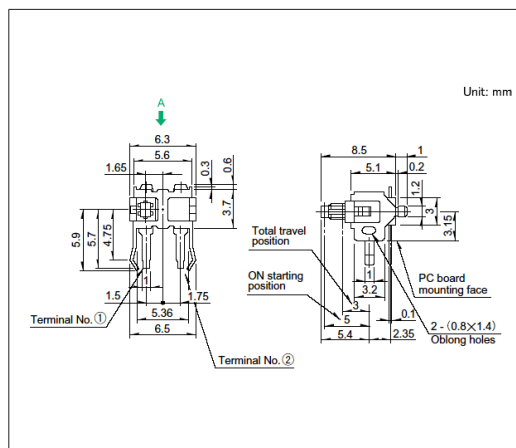
- Circuit Diagram



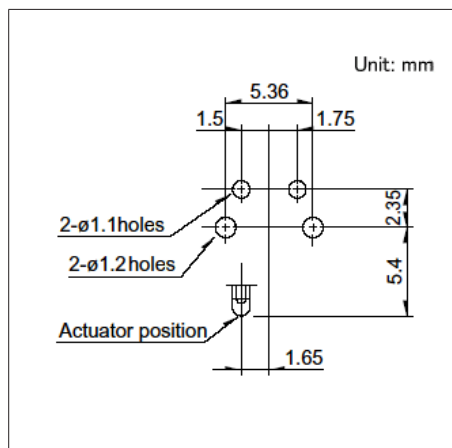
General-purpose Type
SPPB Series

Drawing No.1 1

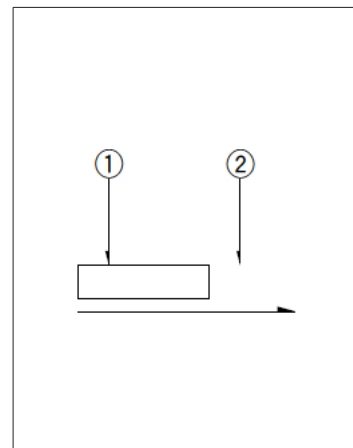
■ Dimensions



■ Mounting Hole Dimensions



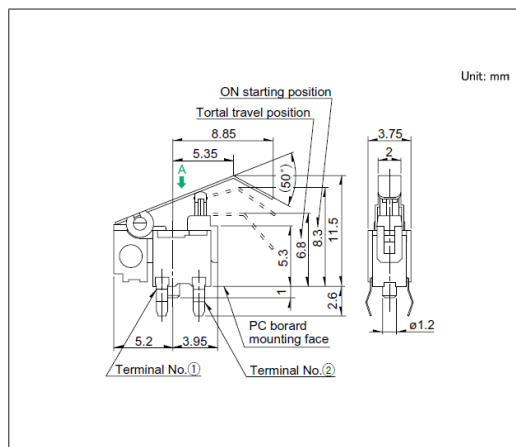
- Circuit Diagram



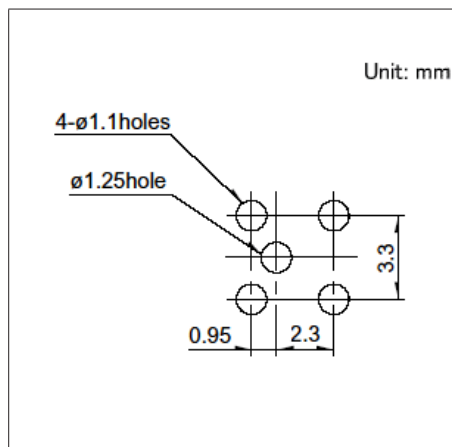
Viewed from direction A in the dimensions.

Drawing No.12

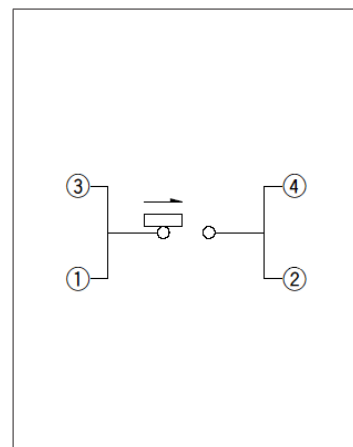
■ Dimensions



■ Mounting Hole Dimensions



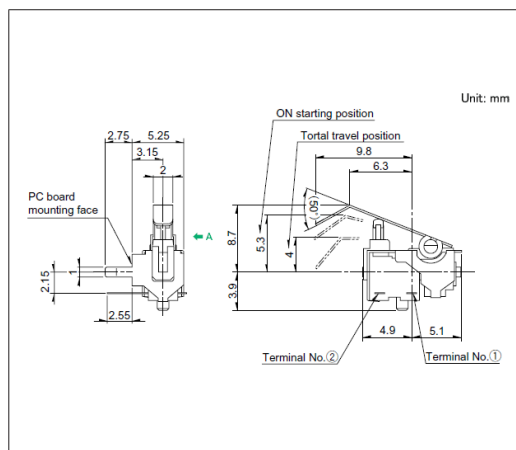
- Circuit Diagram



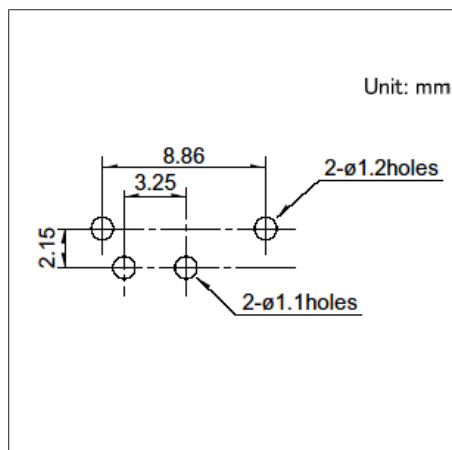
Viewed from direction A in the dimensions.

Drawing No.13

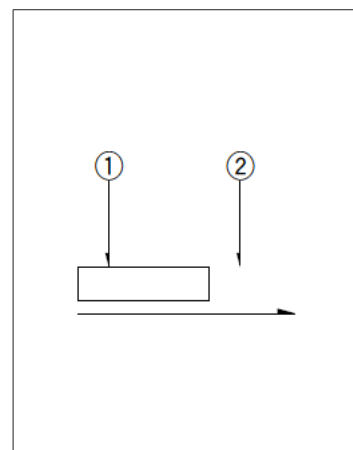
■ Dimensions



■ Mounting Hole Dimensions



- Circuit Diagram

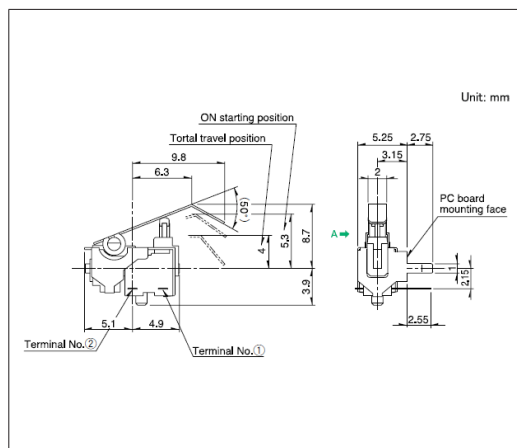


Viewed from direction A in the dimensions.

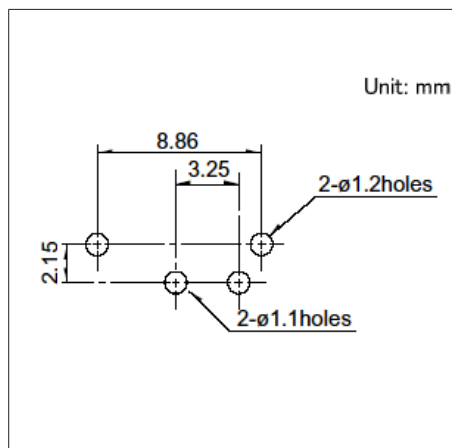
General-purpose Type
SPPB Series

Drawing No.14

■ Dimensions

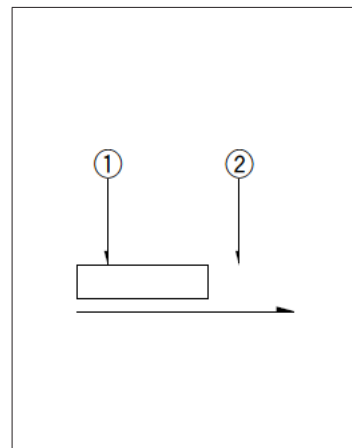


■ Mounting Hole Dimensions



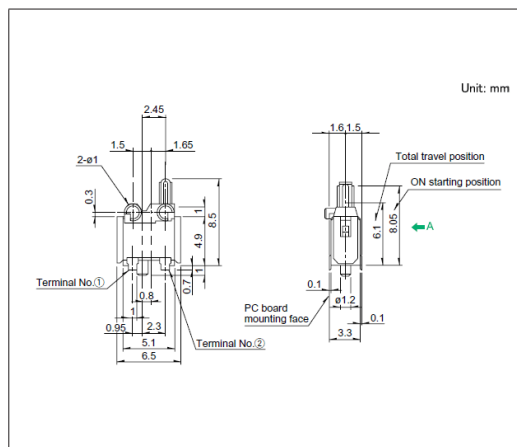
Viewed from direction A in the dimensions.

- Circuit Diagram

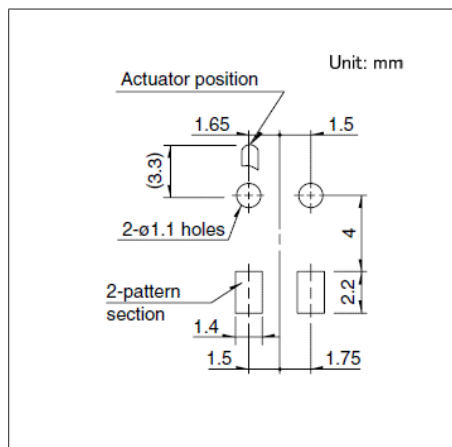


Drawing No.15

■ Dimensions

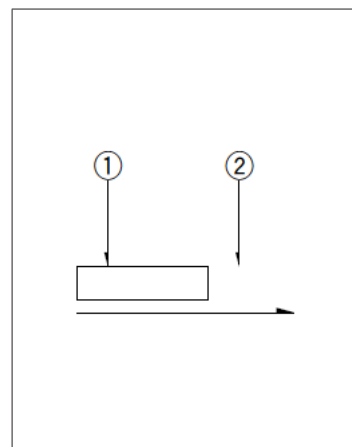


■ Land Dimensions



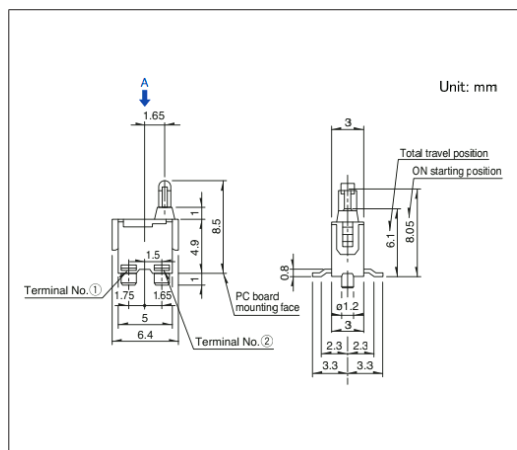
Viewed from direction A in the dimensions.

- Circuit Diagram

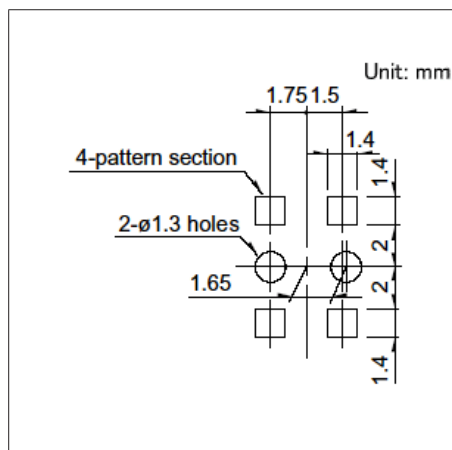


Drawing No.16

■ Dimensions

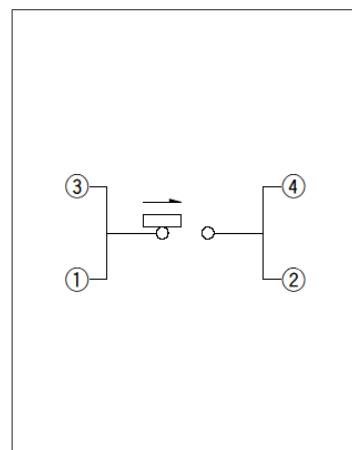


■ Land Dimensions



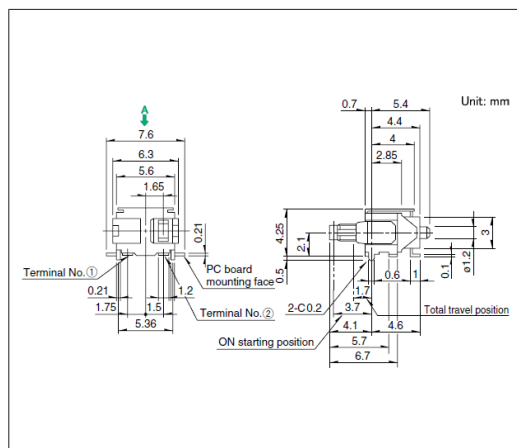
Viewed from direction A in the dimensions.

- Circuit Diagram

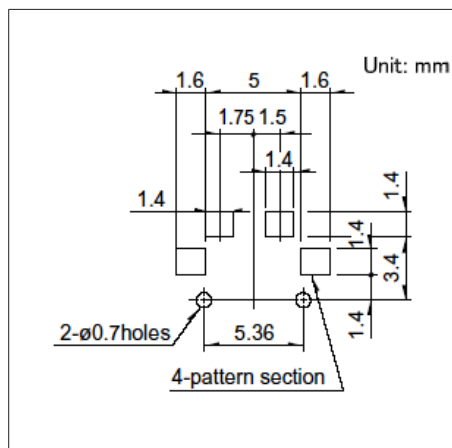


Drawing No.17

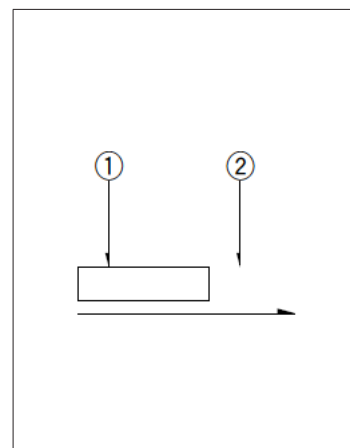
■ Dimensions



■ Land Dimensions



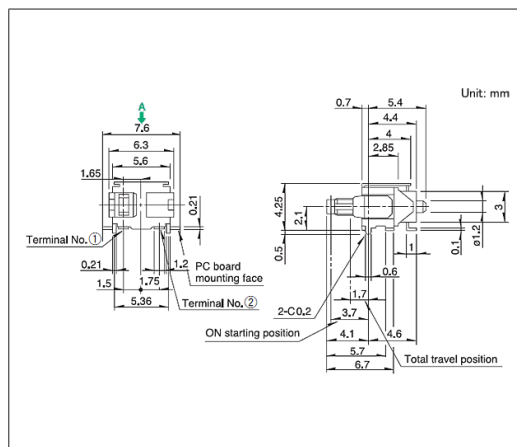
■ Circuit Diagram



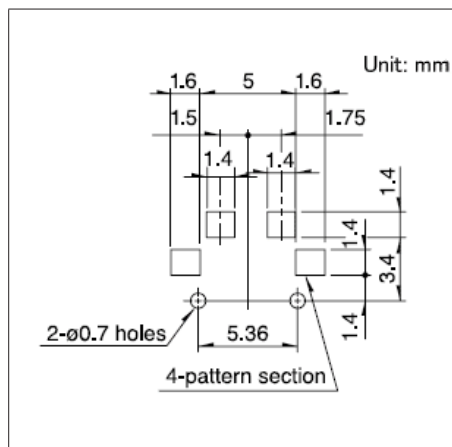
Viewed from direction A in the dimensions.

Drawing No.18

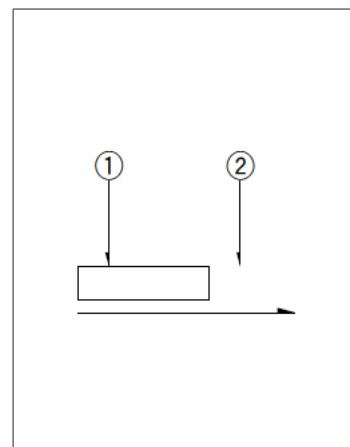
■ Dimensions



■ Land Dimensions



■ Circuit Diagram



Viewed from direction A in the dimensions.