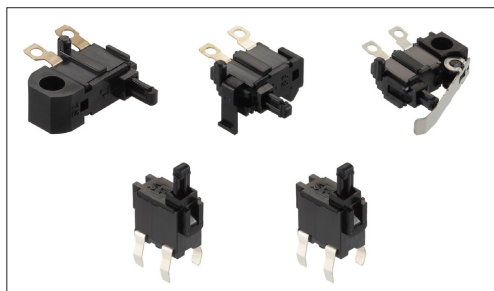


## Switches

## 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 $\mu$ A 3V DC
- Contact resistance(Initial/After operating life): 1 $\Omega$  max./2 $\Omega$  max.
- Operating life without load:50,000 cycles
- Operating life with load Rating(max.)(Resistive load):  
50,000 cycles 2 $\Omega$  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.

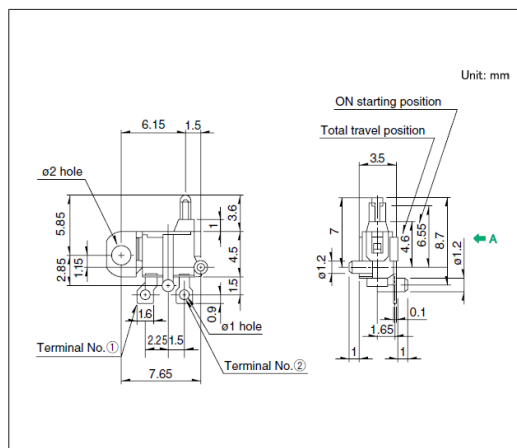
Although these products are designed to perform over a wide operating temperature range, please ensure that you receive and read the formal delivery specifications before use.



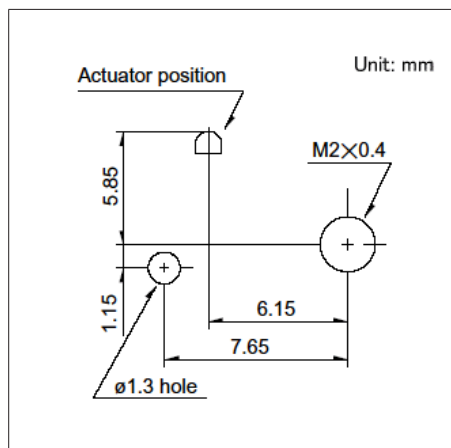
General-purpose Type  
**SPPB Series**

## Drawing No.2

## ■ Dimensions

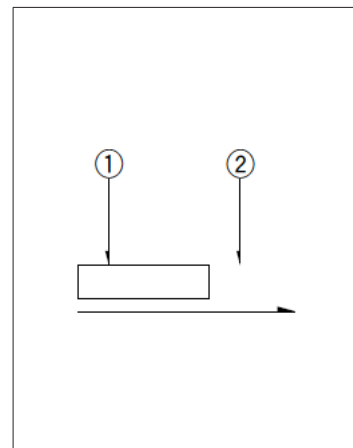


### ■ Mounting Hole Dimensions



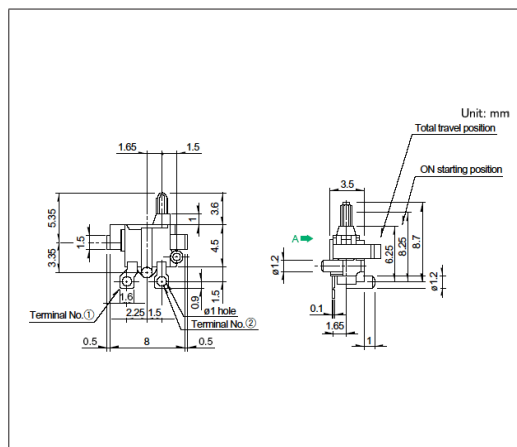
Viewed from direction A in the dimensions.

- Circuit Diagram

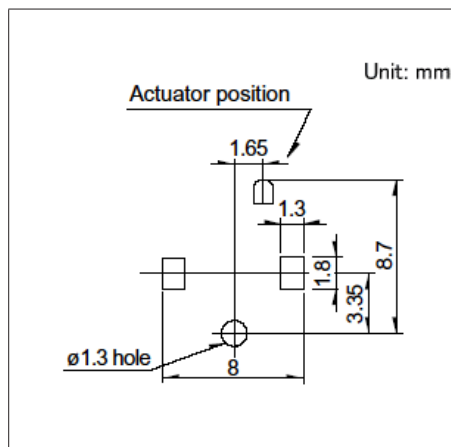


### Drawing No.3

## ■ Dimensions

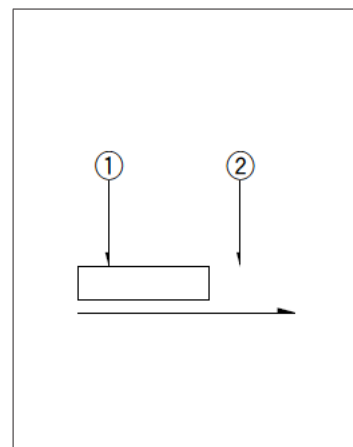


### ■ Mounting Hole Dimensions



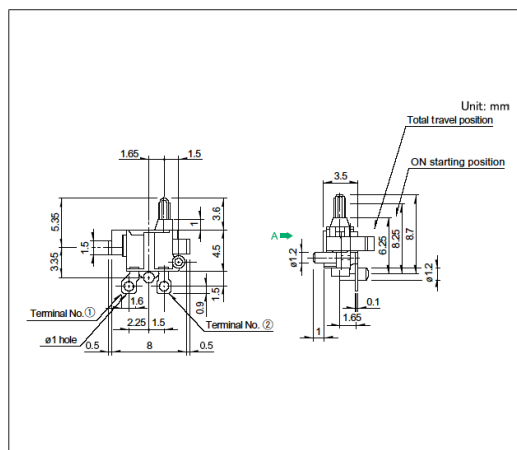
Viewed from direction A in the dimensions.

- Circuit Diagram

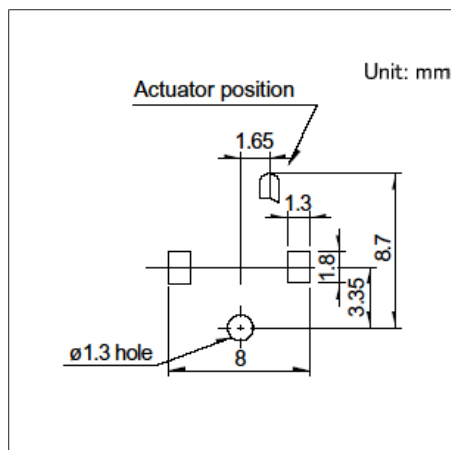


## Drawing No.4

## ■ Dimensions

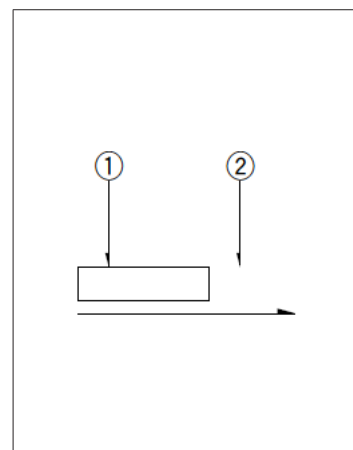


### ■ Mounting Hole Dimensions



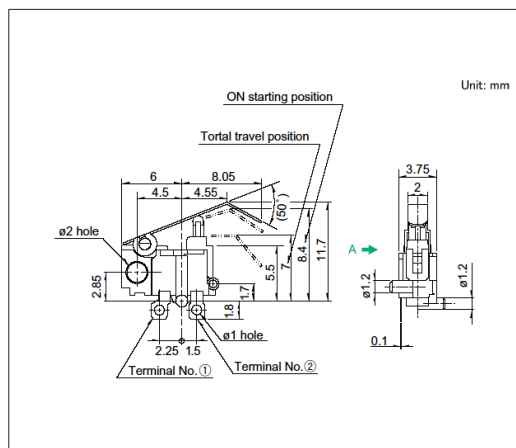
Viewed from direction A in the dimensions.

- Circuit Diagram

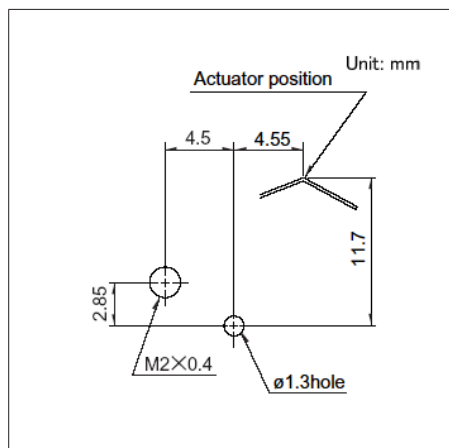


**Drawing No.5**

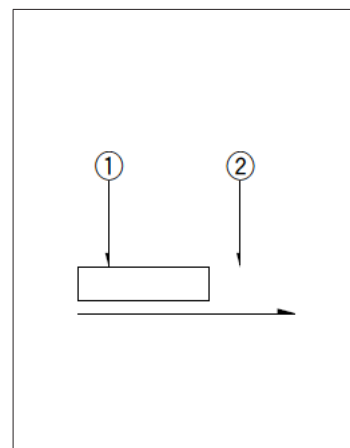
## ■ Dimensions



## ■ Mounting Hole Dimensions



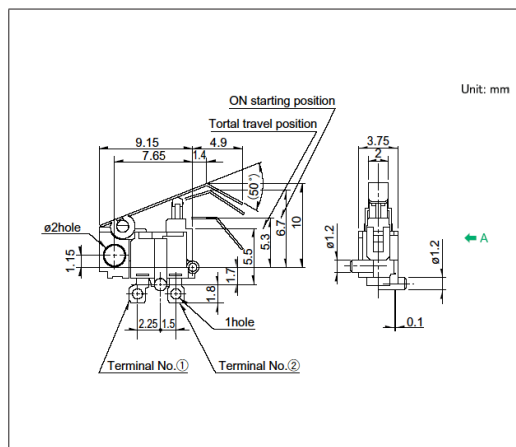
## ■ Circuit Diagram



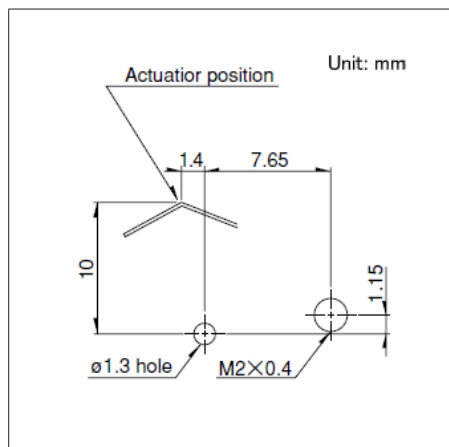
Viewed from direction A in the dimensions.

**Drawing No.6**

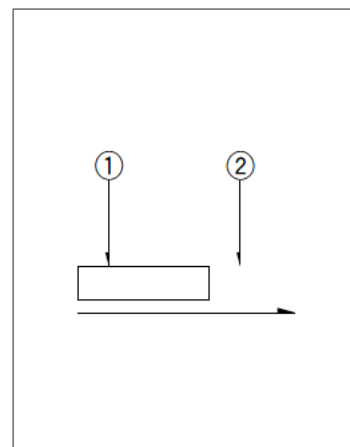
## ■ Dimensions



## ■ Mounting Hole Dimensions



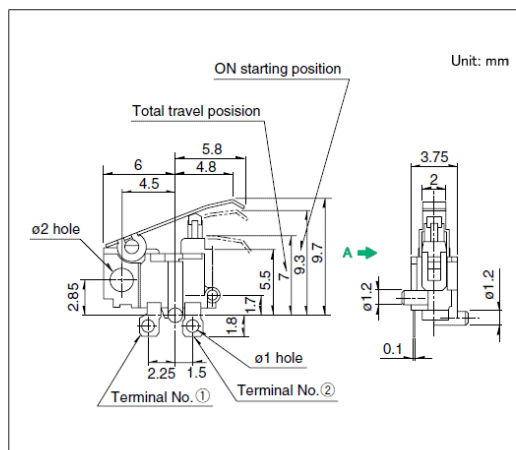
## ■ Circuit Diagram



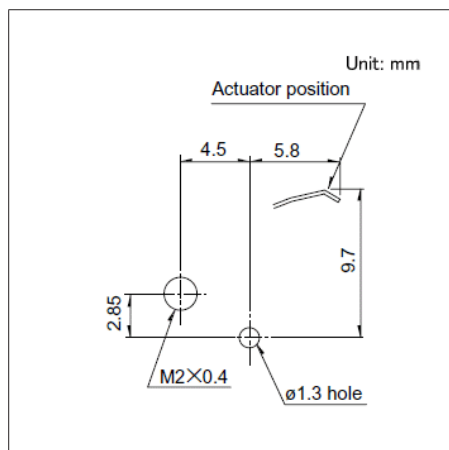
Viewed from direction A in the dimensions.

**Drawing No.7**

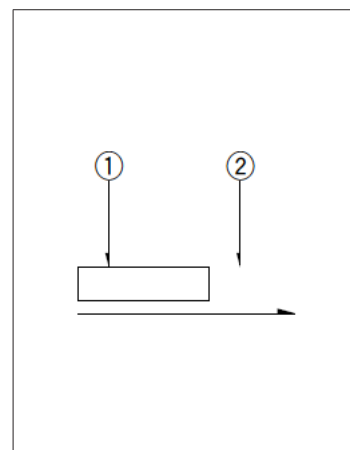
## ■ Dimensions



## ■ Mounting Hole Dimensions



## ■ Circuit Diagram



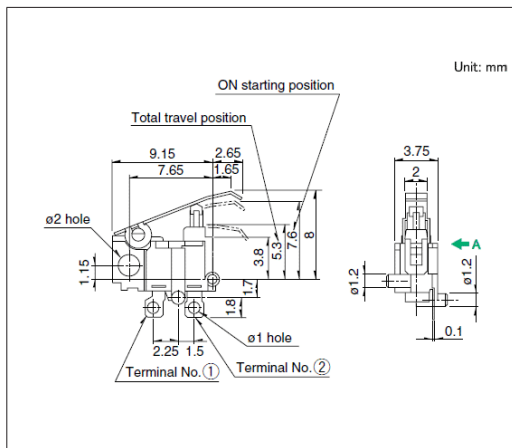
Viewed from direction A in the dimensions.

## Switches Detector Switches

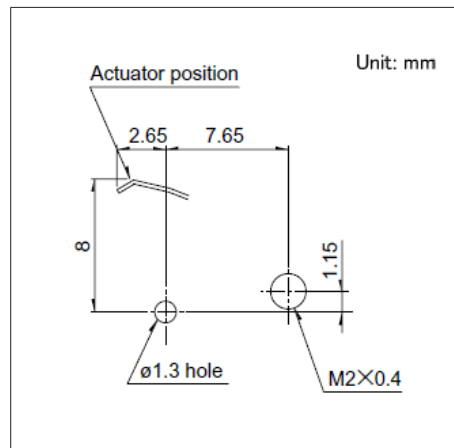
General-purpose Type  
SPPB Series

## Drawing No.8

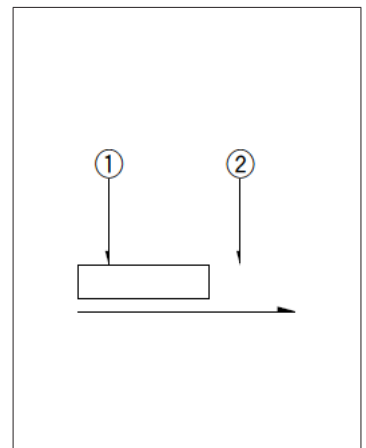
## ■ Dimensions



## ■ Mounting Hole Dimensions



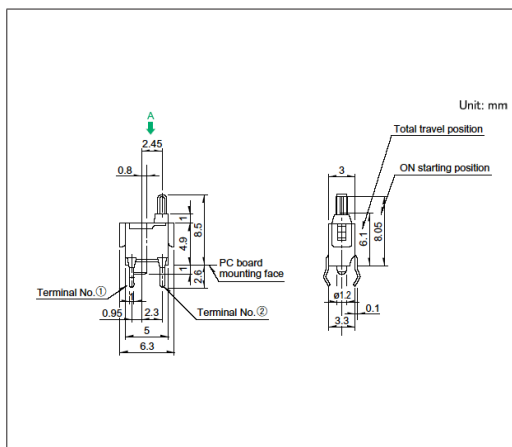
## ■ Circuit Diagram



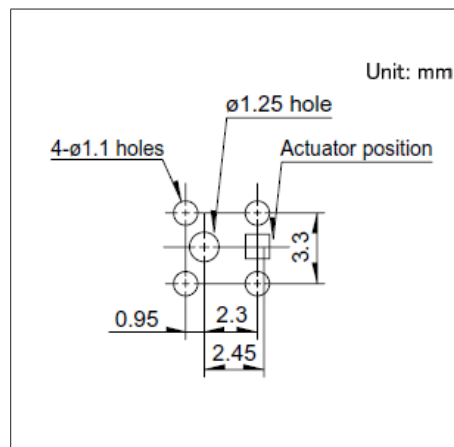
Viewed from direction A in the dimensions.

## Drawing No.9

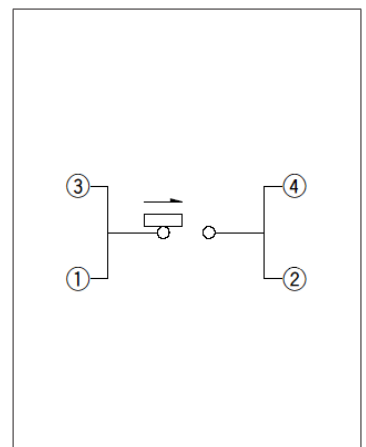
## ■ Dimensions



## ■ Mounting Hole Dimensions



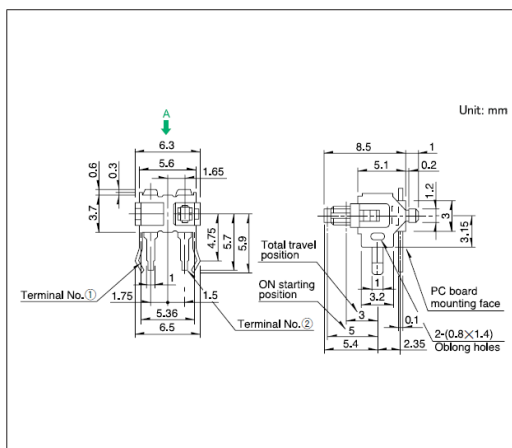
## ■ Circuit Diagram



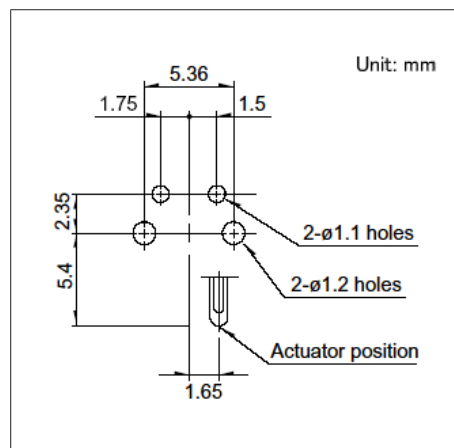
Viewed from direction A in the dimensions.

## Drawing No.10

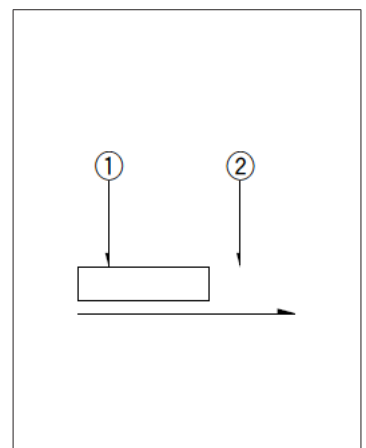
## ■ Dimensions



## ■ Mounting Hole Dimensions



## ■ Circuit Diagram

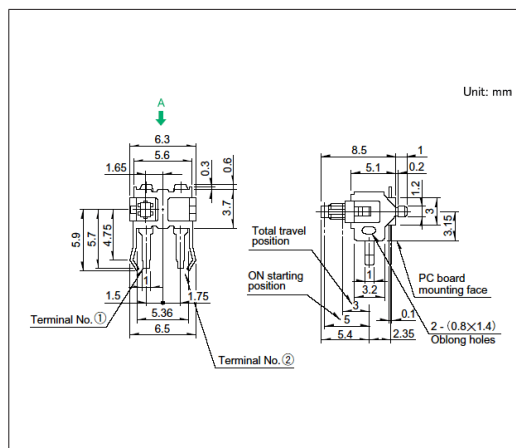


Viewed from direction A in the dimensions.

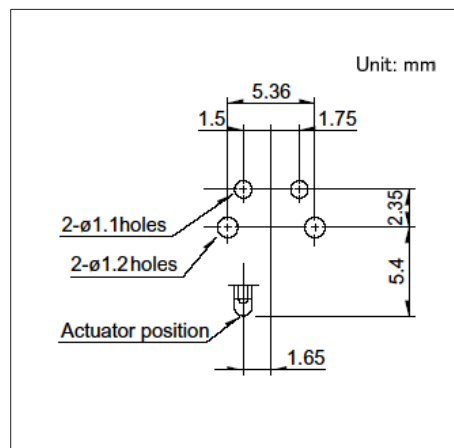
General-purpose Type  
**SPPB Series**

## Drawing No.1 1

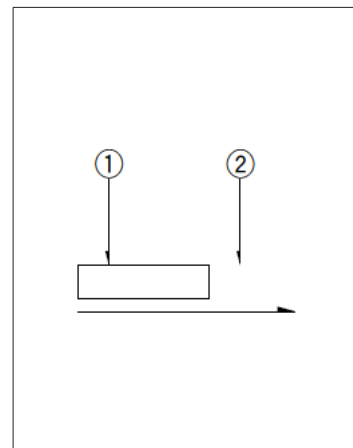
## ■ Dimensions



### ■ Mounting Hole Dimensions



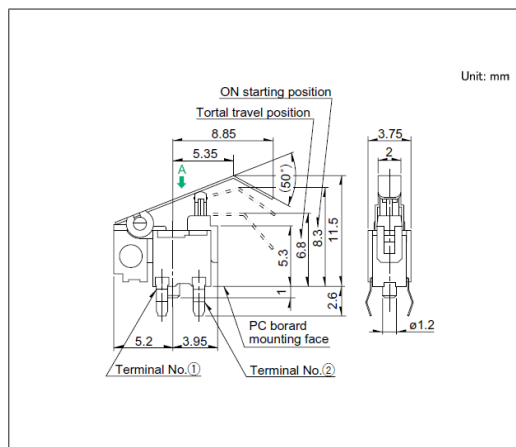
- Circuit Diagram



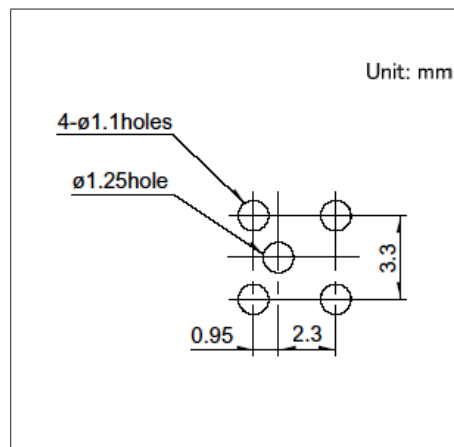
Viewed from direction A in the dimensions.

## Drawing No.12

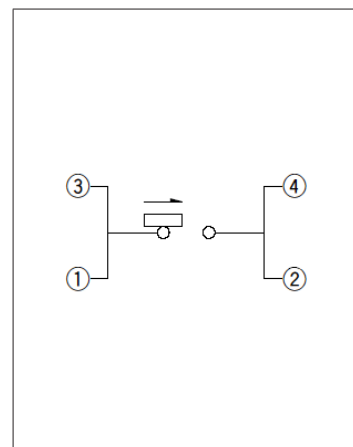
## ■ Dimensions



### ■ Mounting Hole Dimensions



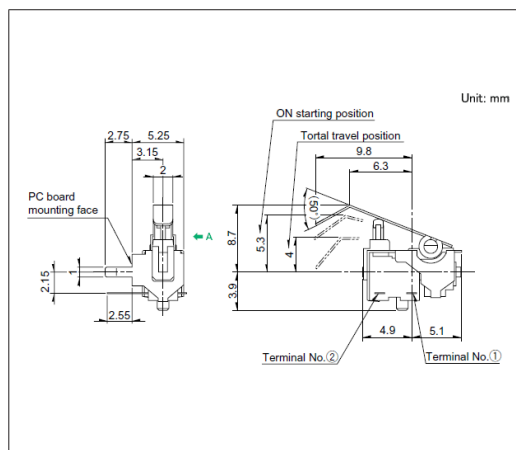
- Circuit Diagram



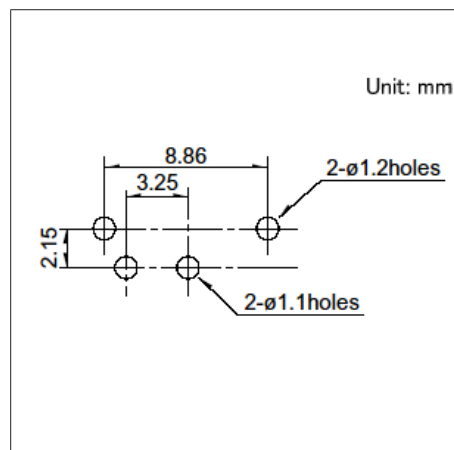
Viewed from direction A in the dimensions.

### Drawing No.13

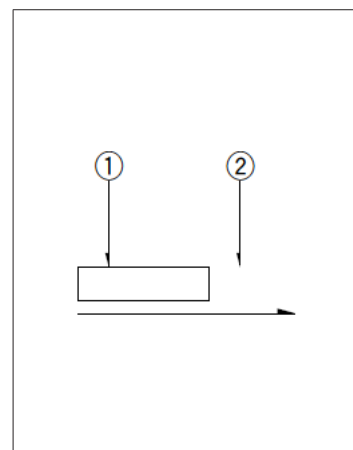
## ■ Dimensions



### ■ Mounting Hole Dimensions



- Circuit Diagram

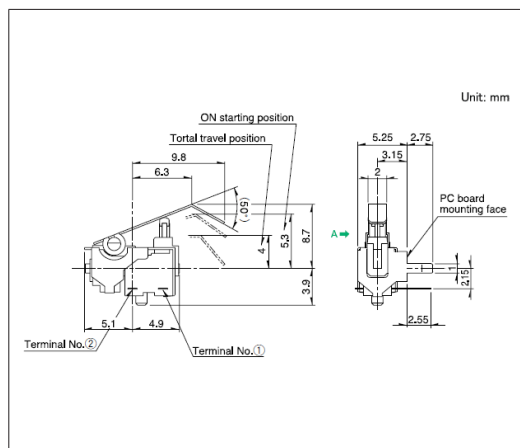


Viewed from direction A in the dimensions.

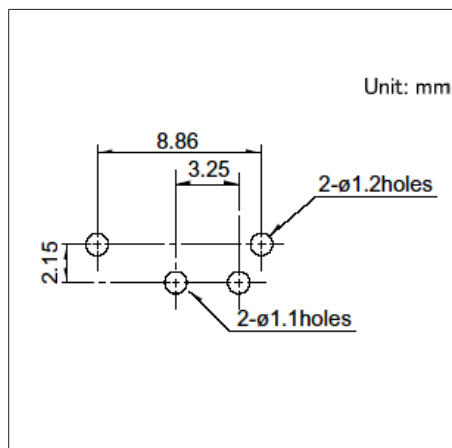
General-purpose Type  
**SPPB Series**

## Drawing No.14

## ■ Dimensions

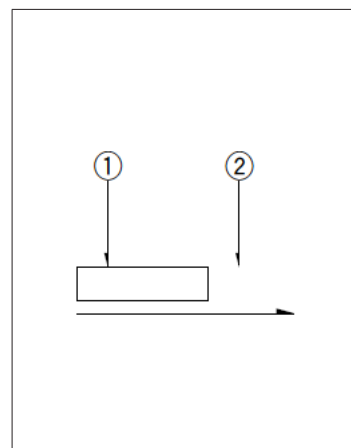


### ■ Mounting Hole Dimensions



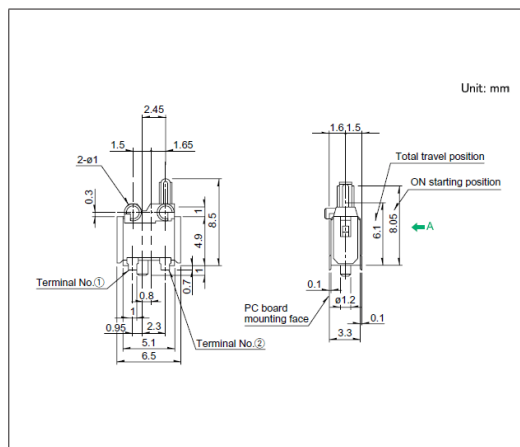
Viewed from direction A in the dimensions.

- Circuit Diagram

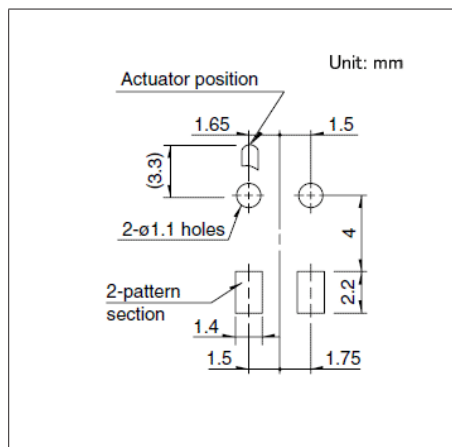


## Drawing No.15

## ■ Dimensions

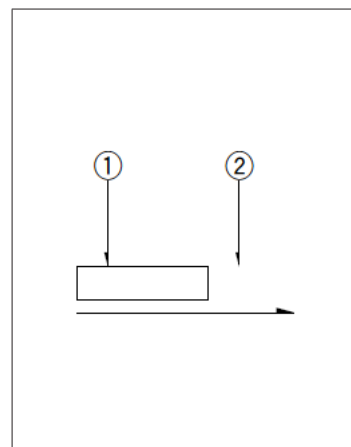


## ■ Land Dimensions



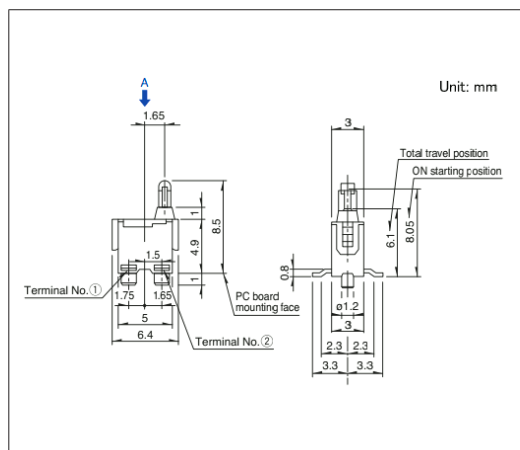
Viewed from direction A in the dimensions.

- Circuit Diagram

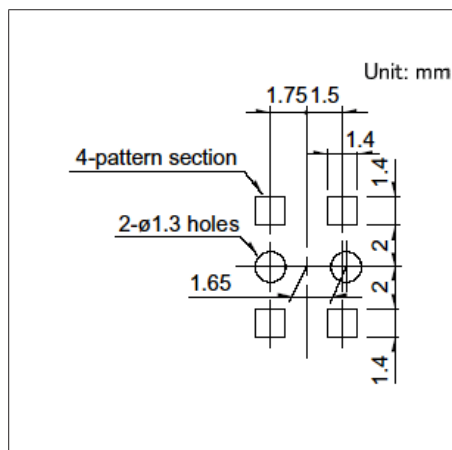


## Drawing No.16

## ■ Dimensions

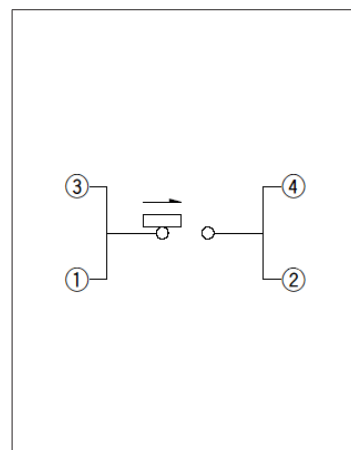


## ■ Land Dimensions



Viewed from direction A in the dimensions.

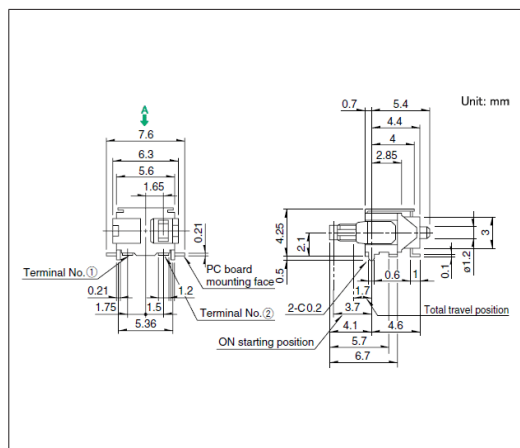
- Circuit Diagram



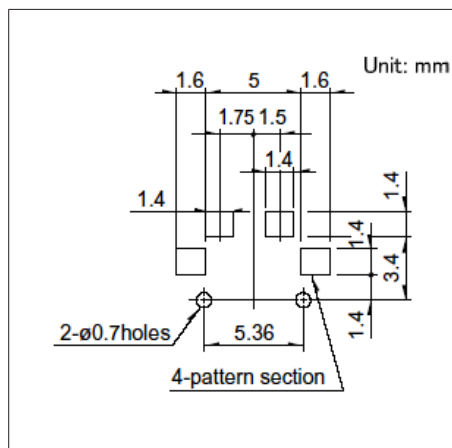
General-purpose Type  
**SPPB Series**

## Drawing No.17

## ■ Dimensions

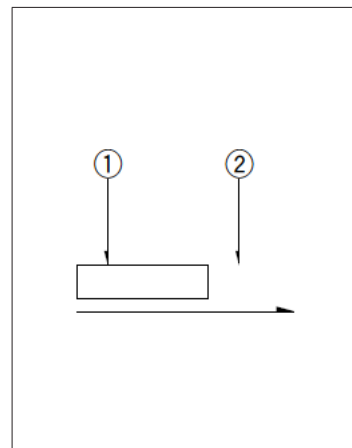


- Land Dimensions



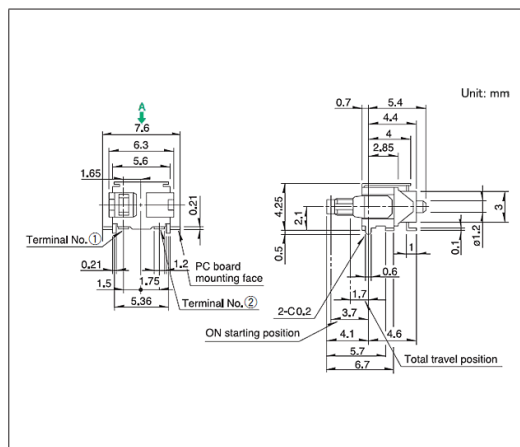
Viewed from direction A in the dimensions.

- Circuit Diagram

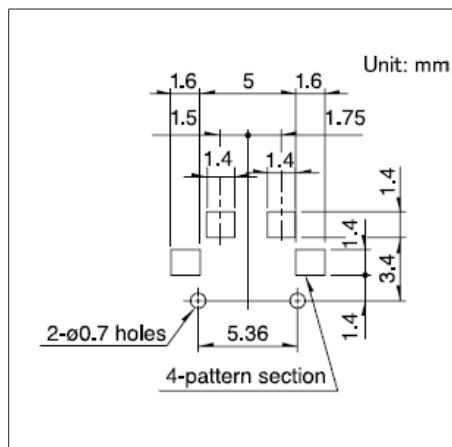


## Drawing No.18

## ■ Dimensions



## ■ Land Dimensions



Viewed from direction A in the dimensions.

- Circuit Diagram

