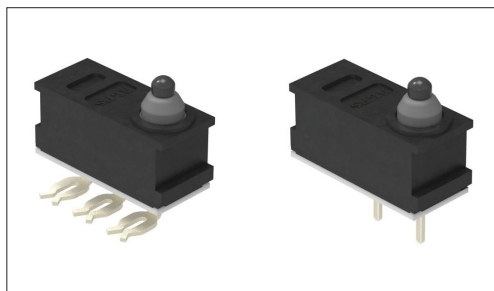


Switches

Detector Switches

Water-proof Type
SPVQA Series

Supports solderless connection with fork terminals.



Automotive



Water-proof Type



Dust-proof Type

- Rating(max.)/(min.)(Resistive load):0.1 A 12V DC/50 μ A 5V DC
- Contact resistance(Initial/After operating life):500m Ω max./1 Ω max.
- Operating life without load:300,000 cycles
- Operating life with load Rating(max.)(Resistive load):
300,000 cycles 1 Ω max.

Applications:Home:Major home appliances

Automotive:Hood Latch (Side/Rear/Door/Gear)

■ Product List

Products No.	Poles	Positions	Operating force	Changeover timing	Operation part shape	Terminal type	Main body form	Dimensions (W×D×H) (mm)	Water-proof	Dust-proof	Automotive	Drawing No.
SPVQA10103	1	1	1 $\pm$ 0.5N	Non shorting	Push	Press-fit (Without terminal No.3)	Without boss L type	6.4×15.2×7.95	●	●	●	1
SPVQA10203	1	1	1 $\pm$ 0.5N	Non shorting	Push	Press-fit (Without terminal No.3)	Without boss R type	6.4×15.2×7.95	●	●	●	2
SPVQA10302	1	1	1 $\pm$ 0.5N	Non shorting	Push	Press-fit (Without terminal No.2)	Without boss L type	6.4×15.2×7.95	●	●	●	3
SPVQA10402	1	1	1 $\pm$ 0.5N	Non shorting	Push	Press-fit (Without terminal No.2)	Without boss R type	6.4×15.2×7.95	●	●	●	4
SPVQA10504	1	2	1 $\pm$ 0.5N	Non shorting	Push	Press-fit	Without boss L type	6.4×15.2×7.95	●	●	●	5
SPVQA10604	1	2	1 $\pm$ 0.5N	Non shorting	Push	Press-fit	Without boss R type	6.4×15.2×7.95	●	●	●	6
SPVQA20103	1	1	1 $\pm$ 0.5N	Non shorting	Push	For PC board (Without terminal No.3)	Without boss	6.4×15.2×7.95	●	●	●	7
SPVQA20203	1	2	1 $\pm$ 0.5N	Non shorting	Push	For PC board	Without boss	6.4×15.2×7.95	●	●	●	8

⚠ Note

1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. This unit cannot be used in water (IP6K7 rating, except for terminal).
3. Please place purchase orders per minimum order unit (integer).
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

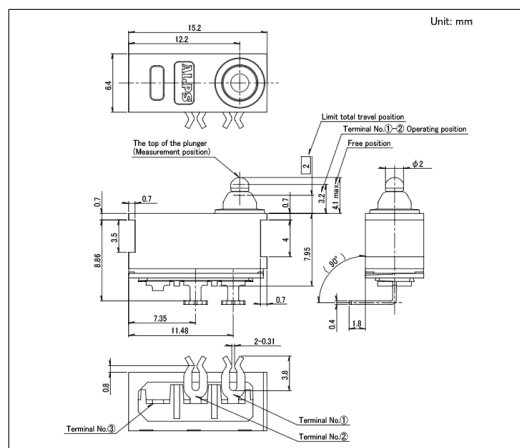
Tray

Number of packages(pcs.)		Export package measurements (mm)
1 case / Japan	1 case / export packing	
1,200	4,800	540 x 360 x 270

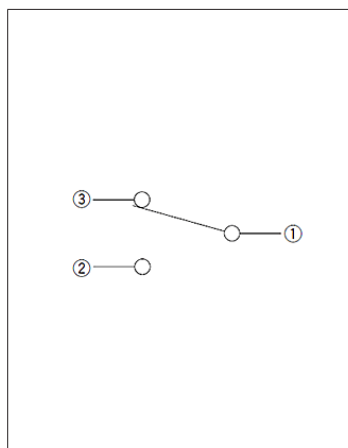
Water-proof Type SPVQA Series

Drawing No.1

- Dimensions

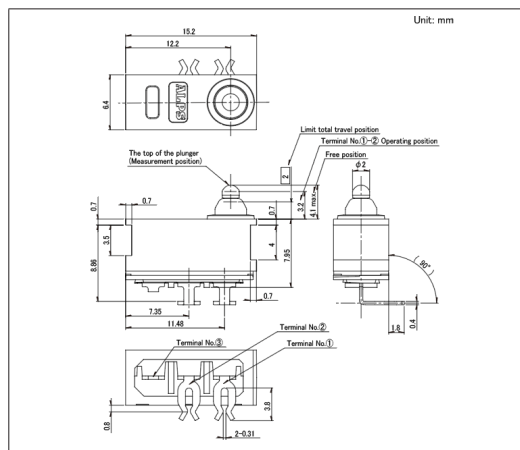


- Circuit Diagram

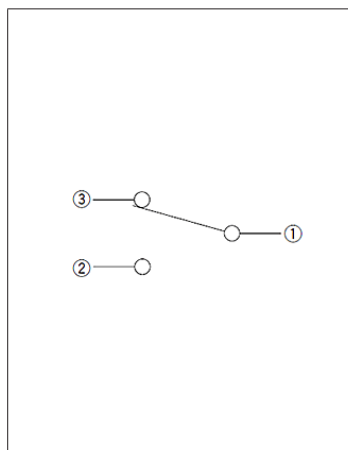


Drawing No.2

- Dimensions

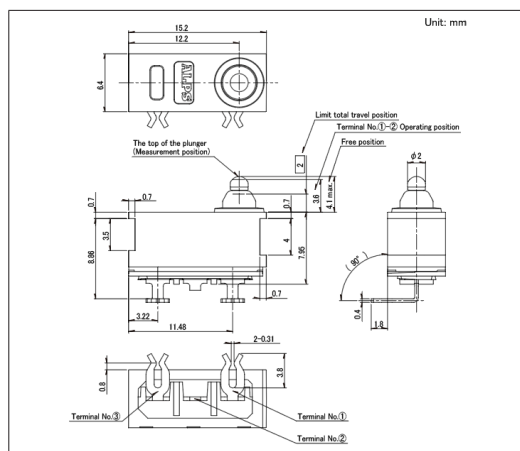


- Circuit Diagram

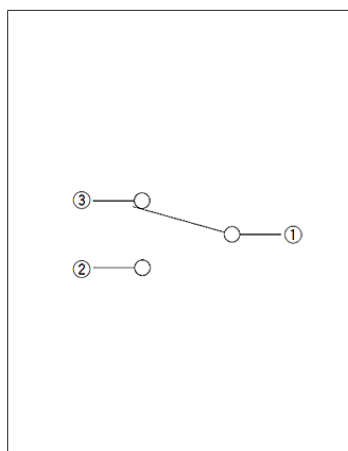


Drawing No.3

■ Dimensions



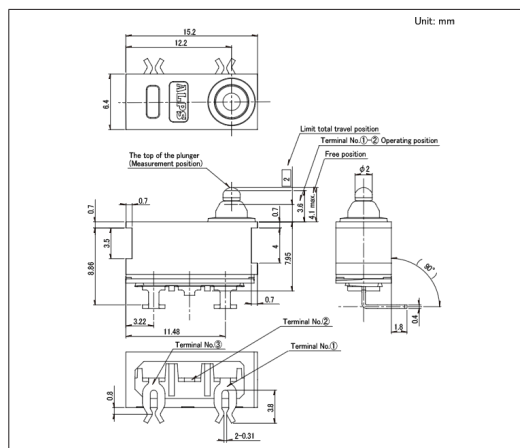
- Circuit Diagram



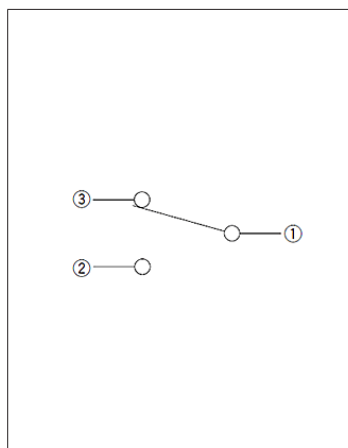
Water-proof Type SPVQA Series

Drawing No.4

■ Dimensions

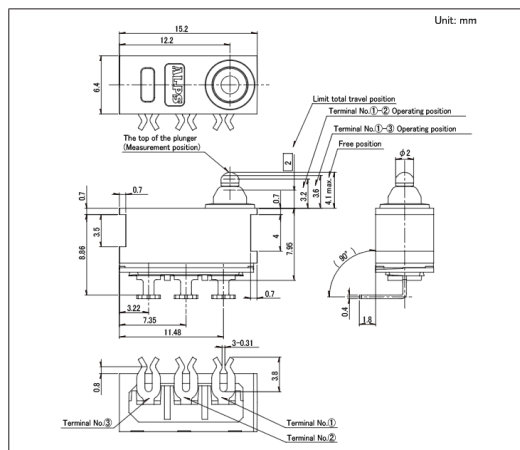


- Circuit Diagram

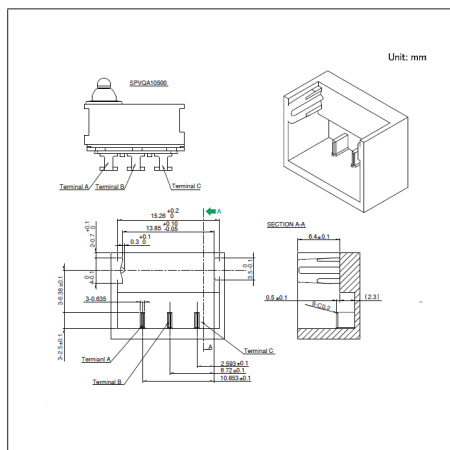


Drawing No.5

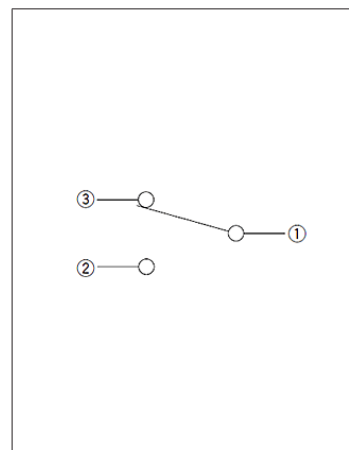
■ Dimensions



- Recommended Unit Terminal style

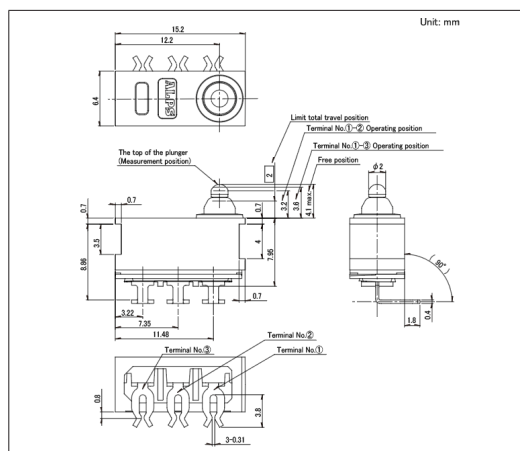


- Circuit Diagram

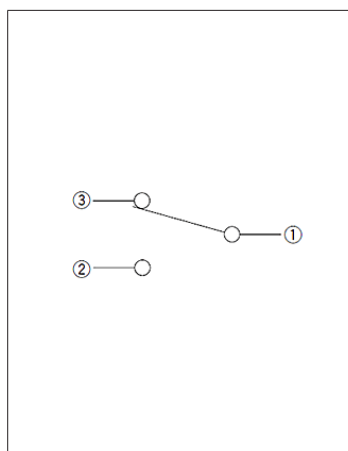


Drawing No.6

■ Dimensions



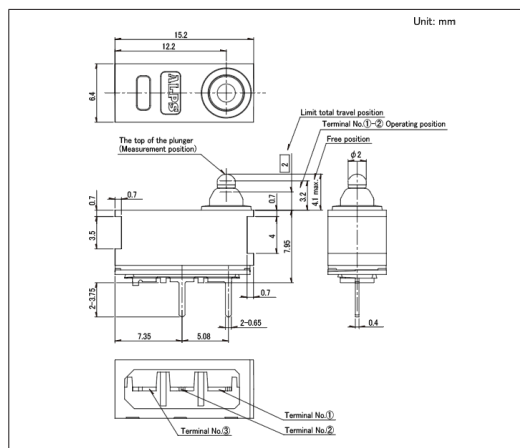
- Circuit Diagram



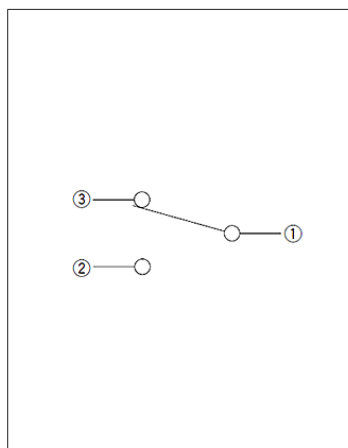
Water-proof Type SPVQA Series

Drawing No.7

■ Dimensions

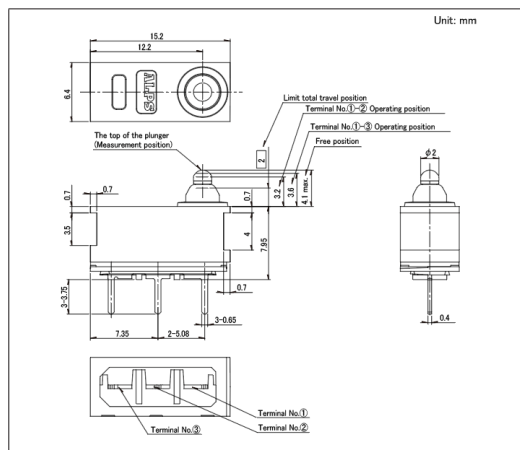


■ Circuit Diagram



Drawing No.8

■ Dimensions



■ Circuit Diagram

