

Water-proof Type SPVQ1 Series

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Part number

SPVQ130400

Poles

1

Positions

2

Changeover timing

Non shorting

Operation part shape

Actuator A

Terminal type

For PC board

Operating force

5.9N max.

Main body form

Boss - right side

Operating temperature range

-40°C to +85°C

Rating (max.)/(min.) (Resistive load)

0.1A 12V DC/50µA 3V DC

Electrical performance

Contact resistance 500mΩ max./1Ω max.
(Initial/After operating life)

Insulation resistance 100MΩ min. 500V DC

Voltage proof 500V AC for 1 minute

Mechanical performance

Terminal strength 3N for 1 minute

Actuator strength 20N

Durability

Operating life without load 300,000 cycles 1Ω max.

Operating life with load Rating (max.) (Resistive load) 300,000 cycles 1Ω max.

Environmental performance

Cold -40°C 500h

Dry heat 85°C 500h

Damp heat 60°C, 90 to 95%RH 500h

Minimum order unit Japan
(pcs.)

600

Export

2,400

3D CAD (STEP)



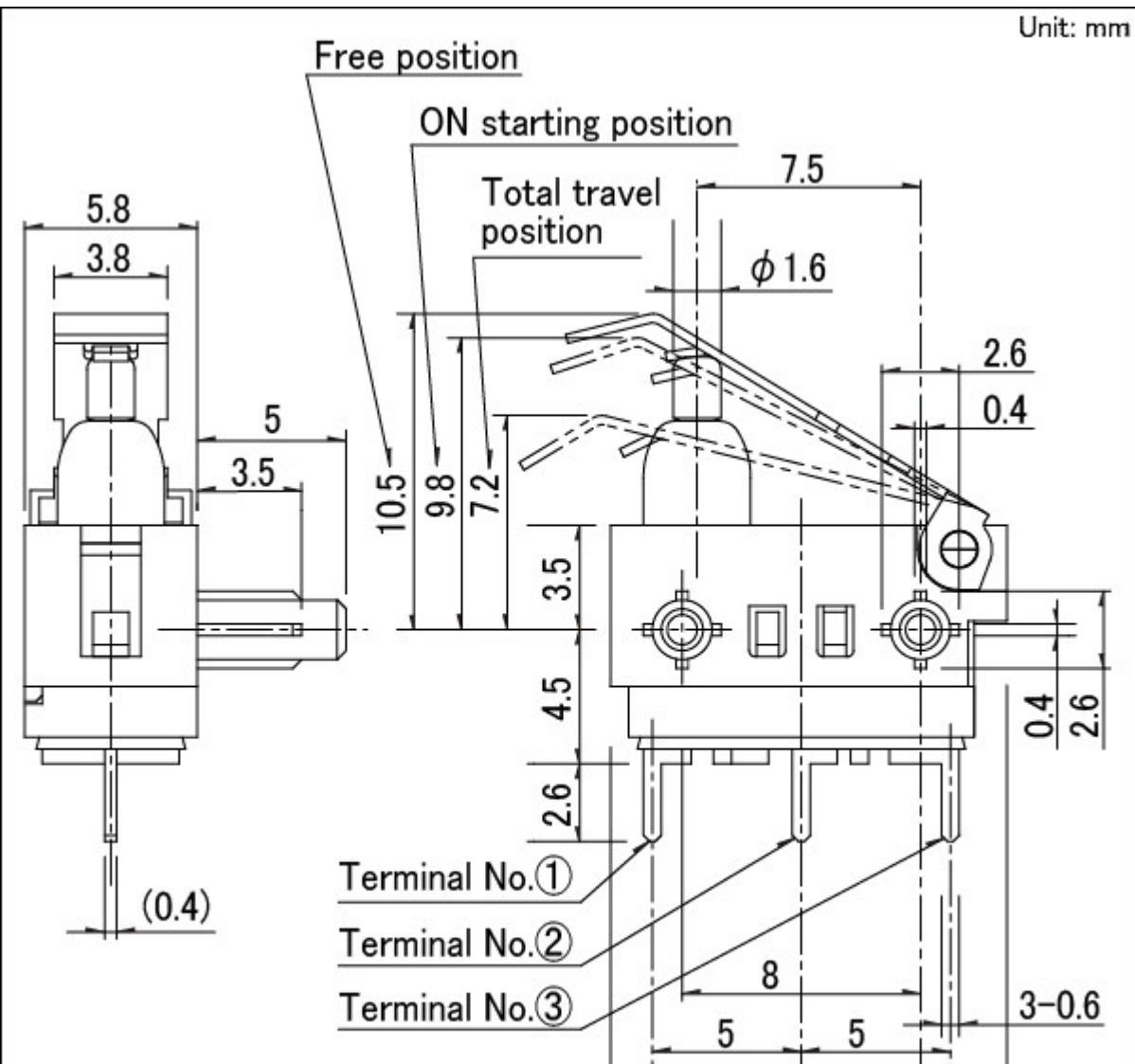
Certificate of Compliance to RoHS regulations

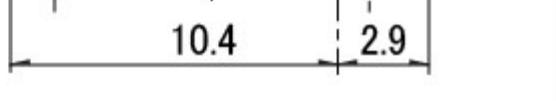


Photo

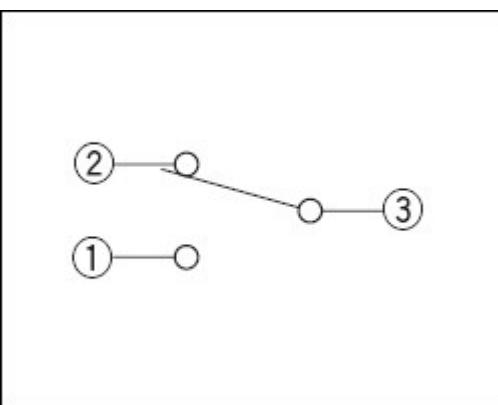


Dimensions





Circuit Diagram



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	600
	1 case / export packing	2,400
Export package measurements (mm)		540×360×230

Soldering Conditions

Reference for Dip Soldering

Items	Preheating temperature	100±10°C
	Preheating time	60s max.
Dip soldering	Soldering temperature	260±5°C
	Duration of immersion	5±1s

Reference for Hand Soldering

Soldering temperature	300±10°C
Soldering time	3+1/0s

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. The length of lead wire is 250mm. For length modification, please contact us.
3. This unit cannot be used in water (IP67 rating, except for terminal).

4. Please place purchase orders per minimum order unit (integer).

5. 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.

Inquiries about Products

 **Inquiry**

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