

Water-proof Type SPVQ1 Series

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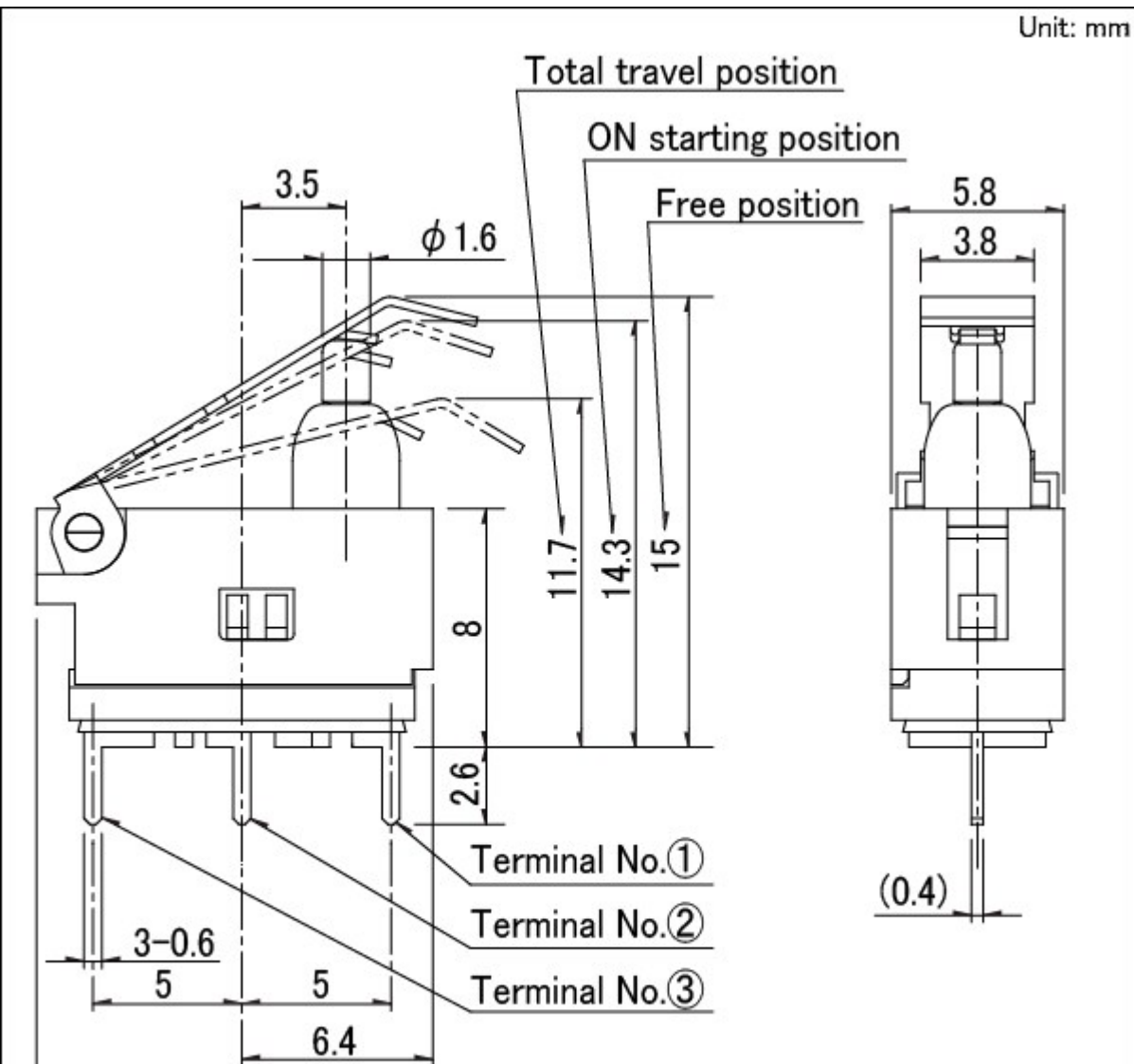
Part number			SPVQ130200
Poles			1
Positions			2
Changeover timing			Non shorting
Operation part shape			Actuator A
Terminal type			For PC board
Operating force			5.9N max.
Main body form			Without boss
Operating temperature range			-40℃ to +85℃
Rating (max.)/(min.) (Resistive load)			0.1A 12V DC/50μA 3V DC
Electrical performance	Contact resistance (Initial/After operating life)	500mΩ max./1Ω max.	
	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℃ 500h	
	Dry heat	85℃ 500h	
	Damp heat	60℃, 90 to 95%RH 500h	

Minimum order unit (pcs.)	Japan	600
	Export	2,400
3D CAD (STEP) ↓		
Certificate of Compliance to RoHS regulations ↓		

Photo

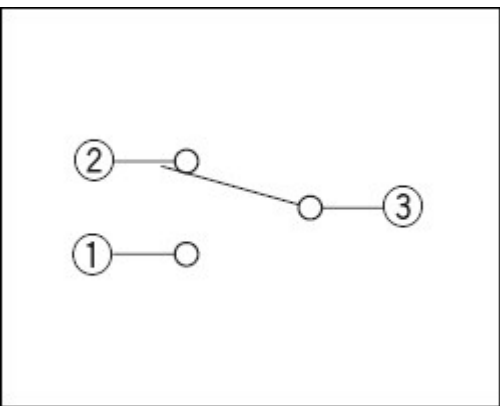


Dimensions





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℃
	Preheating time	60s max.
Dip soldering	Soldering temperature	260±5℃
	Duration of immersion	5±1s

Reference for Hand Soldering

Soldering temperature	300±10℃
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**

Mouser Electronics

Authorized Distributor

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[SPVQ130200](#)