



9-positions Low-profile Vertical Type SRBQ Series

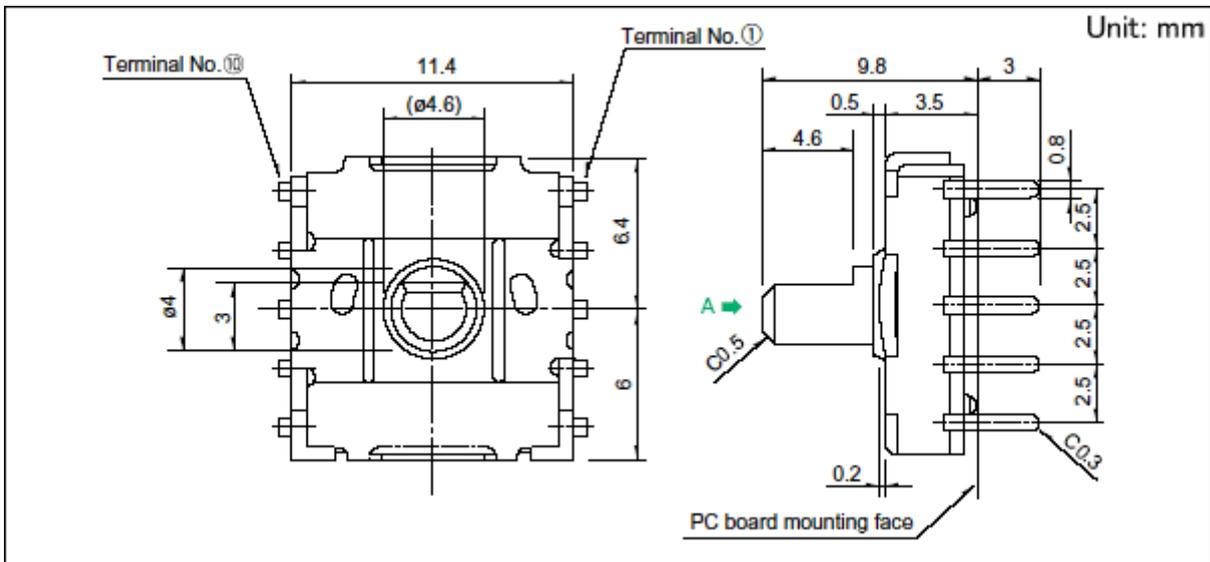
Poles		1	
Positions		9	
Changeover angle		40±3°	
Changeover timing		Non shorting	
Rotational torque		13±5mN·m	
Actuator configuration		Flat	
Soldering		Insertion	
Actuator length		5.8mm	
Operating temperature range		-10°C to +60°C	
Rating (max.)/(min.) (Resistive load)		0.1A 16V DC/50μA 3V DC	
Electrical performance	Contact resistance (Initial performance/After lifetime)	50mΩ max./100mΩ max.	
	Insulation resistance	100MΩ min. 100V DC	
	Voltage proof	100V AC for 1 minute	
Mechanical performance	Terminal strength	5N for 1 minute	
	Actuator strength	Push direction	20N
	Wobble of actuator (load at the tip of shaft: 1N)	Tip of shaft	Above 5 and below 10mm
		Shaft wobble (max. value)	0.9mm
Durability	Operating life without load	10,000 cycles 100mΩ max.	
	Operating life with load (at max. rated load)	10,000 cycles 100mΩ max.	
Environmental performance	Cold	-20±2°C for 96h	
	Dry heat	85±2°C for 96h	
	Damp heat	40±2°C, 90 to 95%RH for 96h	
Minimum order unit (pcs.)	Japan	1,215	
	Export	4,860	

Dimensions

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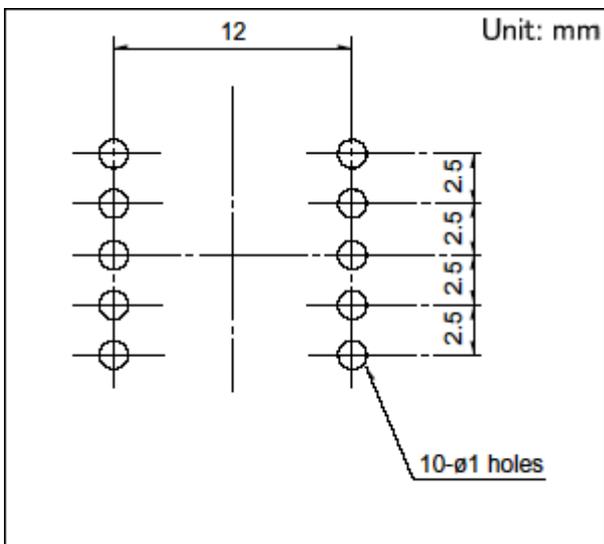
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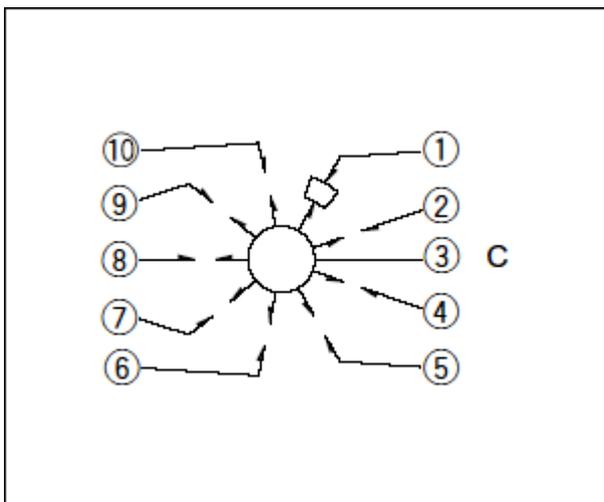
Heavy torque

Mounting Hole Dimensions



Viewed from direction A in the dimensions.

Circuit Diagram



Packing Specifications

Bulk

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Export package measurements (mm)

540 × 360 × 290

Soldering Conditions

Reference for Dip Soldering

Items	Preheating temperature	-
	Preheating time	-
Dip soldering	Soldering temperature	260±5°C
	Duration of immersion	5±1s

Reference for Hand Soldering

Soldering temperature	350±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. Please place purchase orders per minimum order unit (integer).
3. Products other than those listed in the above chart are also available. Please contact us for details.

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