

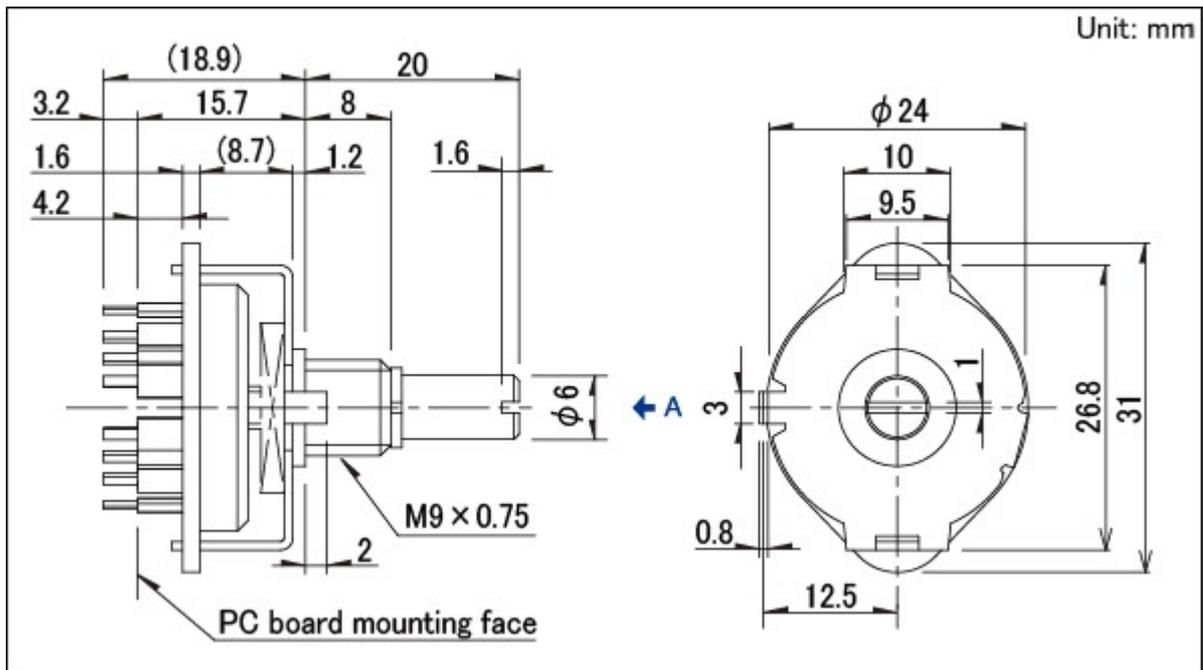


## 12-positions General-purpose Vertical Type SRRM Series

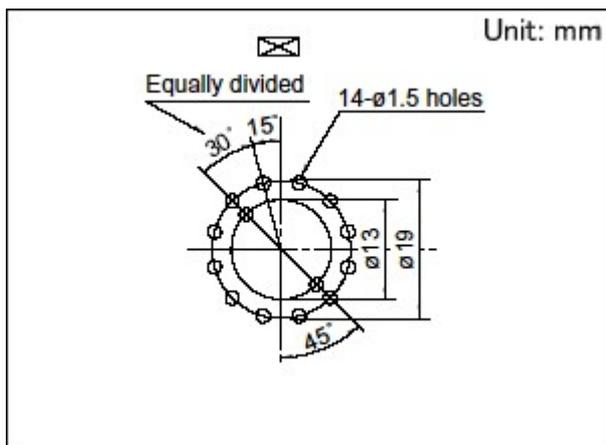
Poles			2
Positions			6
Changeover angle			$30 \pm 3^\circ$
Changeover timing			Shorting
Rotational torque			$80 \pm 30 \text{mN}\cdot\text{m}$
Actuator configuration			Round shaft with groove
Actuator length			L: 20mm
Operating temperature range			$-10^\circ\text{C}$ to $+60^\circ\text{C}$
Rating (max.)/(min.) (Resistive load)			0.25A 30V DC/50 $\mu$ A 3V DC
Electrical performance	Contact resistance (Initial performance/After lifetime)		20m $\Omega$ max./60m $\Omega$ max.
	Insulation resistance		100M $\Omega$ min. 500V DC
	Voltage proof		500V AC for 1 minute
Mechanical performance	Terminal strength		10N for 1 minute
	Actuator strength	Rotational direction	1N $\cdot$ m
		Push direction	100N
	Wobble of actuator (load at the tip of shaft: 5N)	Measuring position from mounting surface	15mm
		Shaft wobble (max. value)	0.25mm max.
		Applicable mounting dimension	20mm
Durability	Operating life without load		10,000 cycles 40m $\Omega$ max.
	Operating life with load (at max. rated load)		10,000 cycles, 60m $\Omega$ max.
Environmental performance	Cold		$-20 \pm 2^\circ\text{C}$ for 96h
	Dry heat		$85 \pm 2^\circ\text{C}$ for 96h
	Damp heat		$40 \pm 2^\circ\text{C}$ , 90 to 95%RH for 96h
Minimum order unit (pcs.)	Japan	60	
	Export	240	



## Dimensions



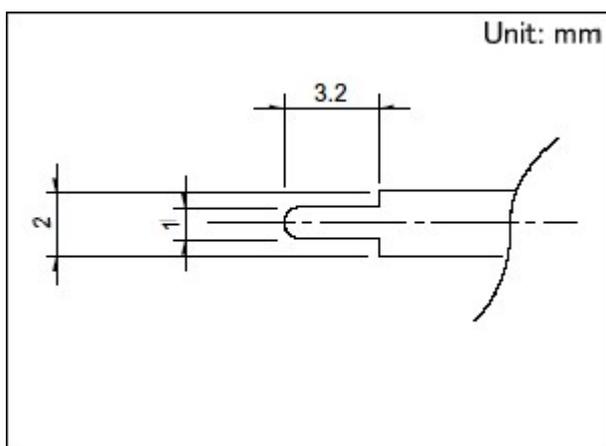
## Mounting Hole Dimensions



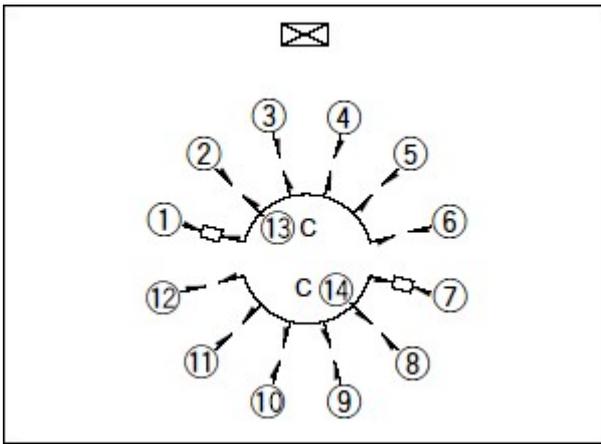
1. Viewed from direction A in the dimensions.
2. The following mark in the above table indicate a stopper with the shaft turned fully counterclockwise when viewed from direction A of the diagrams.



## Terminal Configuration



## Circuit Diagram



1. Note that the location of C terminal differs depending on the number of positions.
2. The following mark in the above table indicate a stopper with the shaft turned fully counterclockwise when viewed from direction A of the diagrams.



## Packing Specifications

### Tray

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Number of packages (pcs.)	1 case / Japan	60
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	1 case / export packing	240
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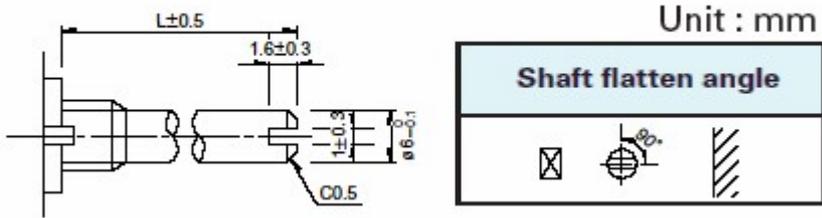
Export package measurements (mm)	400 × 270 × 270
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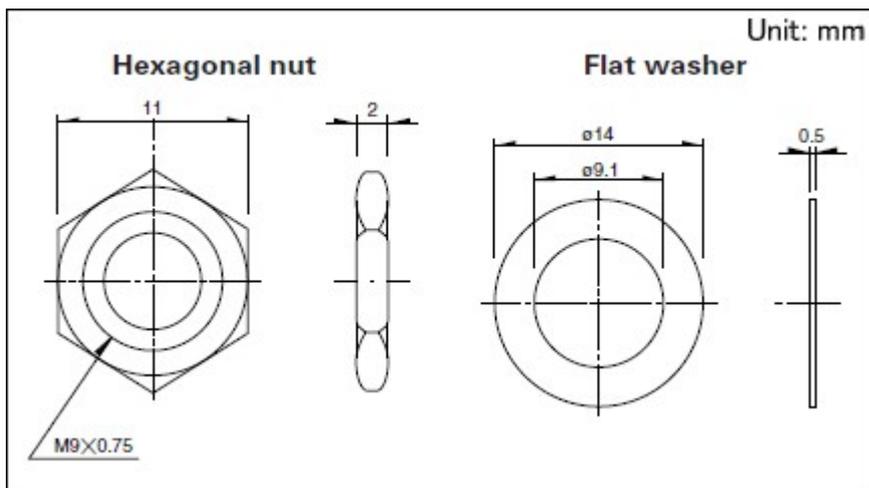
## Shaft Style

### \* Round Shaft with Groove

The shaft shows the position in which it is turned fully counterclockwise.



## Attached Parts



The following parts are included with the product.

## Soldering Conditions

### Reference for Dip Soldering

Items	Preheating temperature	-
	Preheating time	-
Dip soldering	Soldering temperature	$260 \pm 5^{\circ}\text{C}$
	Duration of immersion	$10 \pm 1\text{s}$

### Reference for Hand Soldering

Soldering temperature	$350 \pm 10^{\circ}\text{C}$
Soldering time	$3+1/0\text{s}$

## 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. All the axis are die casting shafts.
3. Non shorting type requires external wiring of common terminals.
4. Please place purchase orders per minimum order unit (integer).
5. Products other than those listed in the above chart are also available. Please contact us for details.