

9mm Size Metal Shaft Snap-in Type RK09L Series

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PRINT

Part number	RK09L112003P	
Number of resistor elements	Single-unit	
Mounting direction	Horizontal type	
Fixing method of bushing	Screw	
Shaft types	Flat	
Length of the shaft	15mm	
Center detent	With	
Total resistance	20kΩ	
Resistance taper	1B	
Operating temperature range	-10 to +70	
Electrical Performance	Total resistance tolerance	±20%
	Rated power	0.05W
	Maximum operating voltage	50V AC, 10V DC
	Residual resistance	30Ω max.
	Insulation resistance	100MΩ min. 250V DC
Mechanical Performance	Voltage proof	300V AC for 1 minute
	Total rotational angle	300°±5°
	Rotational torque	2 to 25mN·m
	Stopper strength	0.5N·m
	Push-pull strength	80N max.
Durability	Vibration	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z and for 2 hours respectively
	Operating life	15,000 cycles
Minimum order unit (pcs.)	Japan	1,000

3D CAD (STEP)



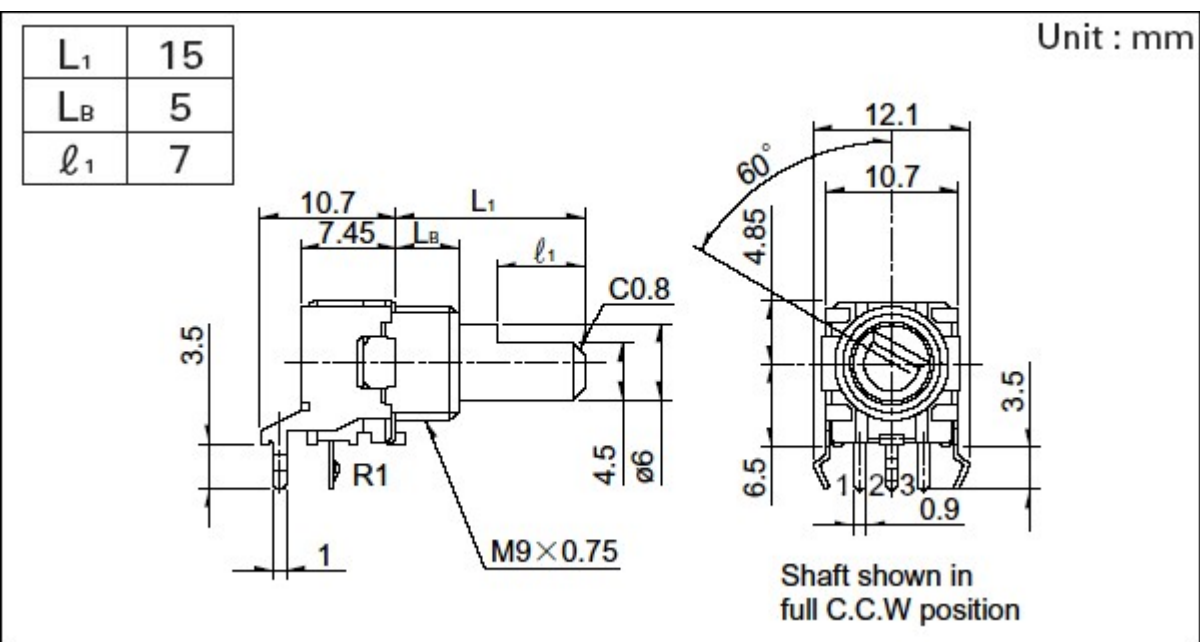
Certificate of Compliance to RoHS regulations



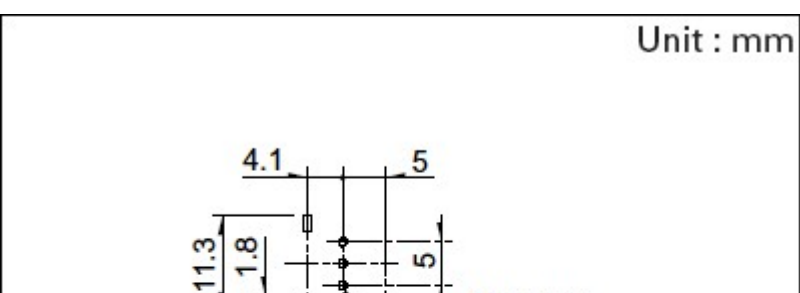
Photo

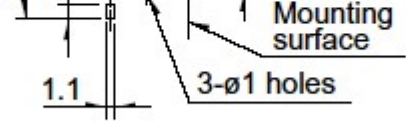


Dimensions



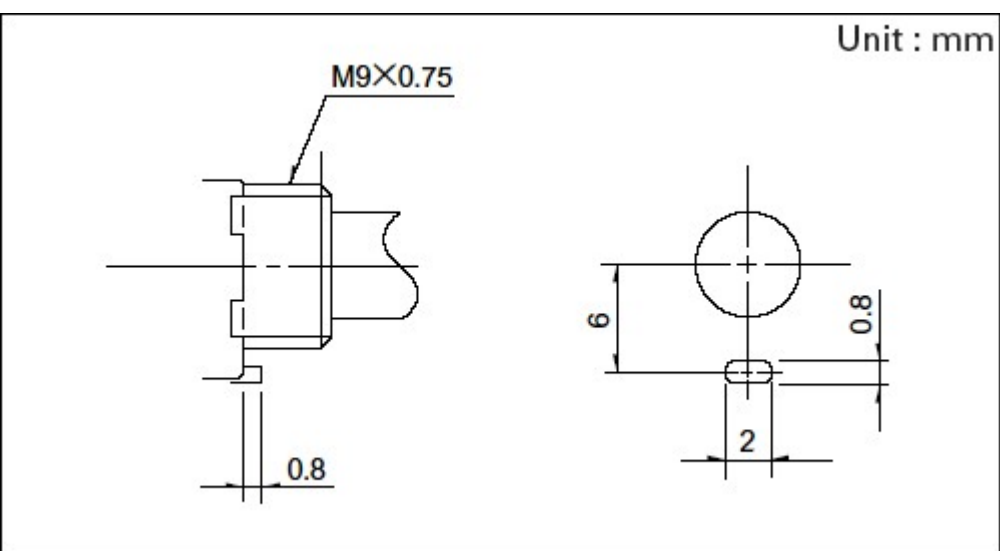
Mounting Hole Dimensions





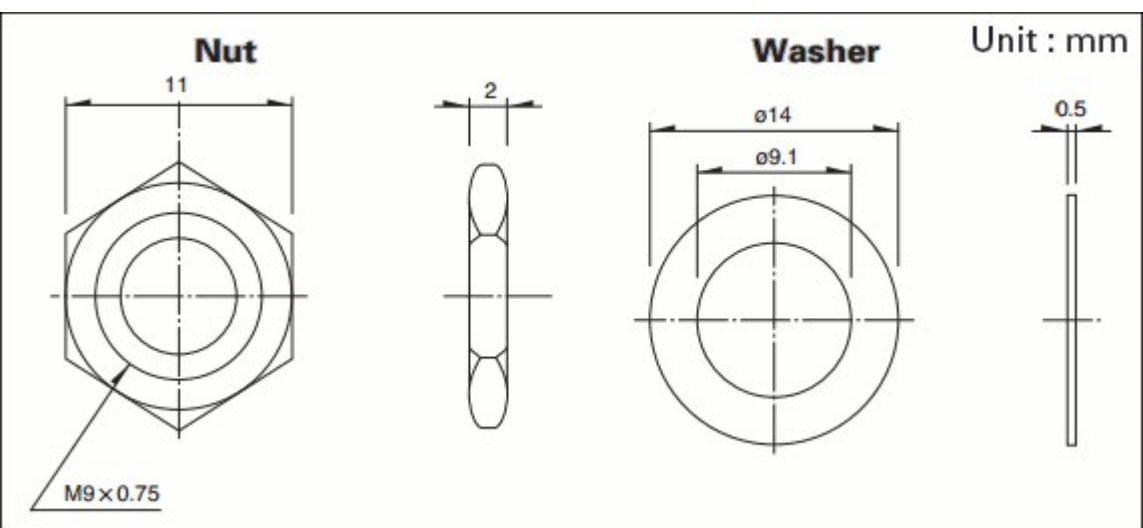
Viewed from mounting side.

Dimensions of Bushing and Fixing Lug



These parts are attached to the following products.

Attached Parts



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	1,000
	1 case / export packing	2,000
Export package measurements (mm)	364×473×176	

Soldering Conditions

Reference for Dip Soldering

Preheating	Soldering surface temperature	100℃ max.
	Heating time	2 min. max.
Dip soldering	Soldering temperature	260±5℃ max.
	Soldering time	5±1s
No. of solders		2 time max.

Reference for Hand Soldering

Tip temperature		350℃ max.
Soldering time		3s max.
No. of solders		1 time

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 above products are also available. Please contact us for details.
4. Please contact us for automotive use products.

Inquiries about Products

 [Inquiry](#)