

## 27mm Size Metal Shaft Type RK271 Series

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PRINT

Part number	<b>RK271111001T</b>	
Number of resistor elements	Single-unit	
Mounting direction	Horizontal type	
Fixing method of bushing	Screw	
Shaft types	Slotted	
Length of the shaft	25mm	
Detent	Without	
Total resistance	100kΩ	
Resistance taper	15A	
Operating temperature range	-10 to +70	
Electrical Performance	Total resistance tolerance	±20%
	Rated power	0.05W
	Maximum operating voltage	30V AC
	Residual resistance	100Ω max.
	Insulation resistance	100MΩ min. 500V DC
	Voltage proof	500V AC for 1 minute
Mechanical Performance	Total rotational angle	300°±3°
	Rotational torque	8 to 35mN·m
	Stopper strength	0.9N·m
	Push-pull strength	100N max.
	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
Durability	Operating life	15,000 cycles
Minimum order unit (pcs.)	Japan	100

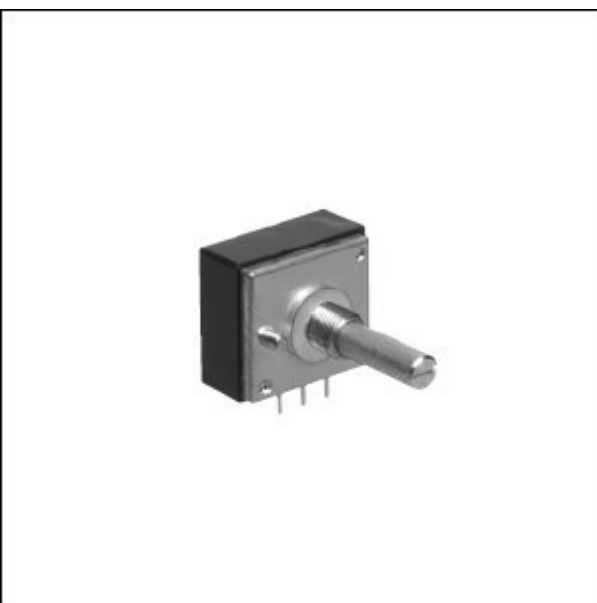
3D CAD (STEP)



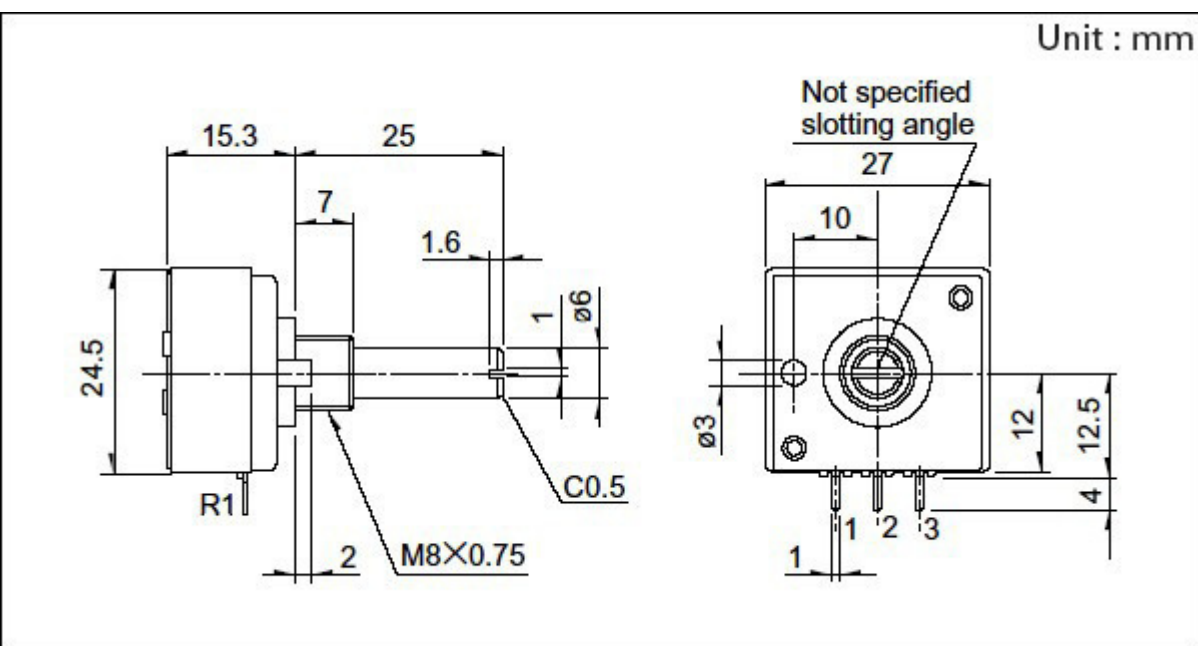
Certificate of Compliance to RoHS regulations



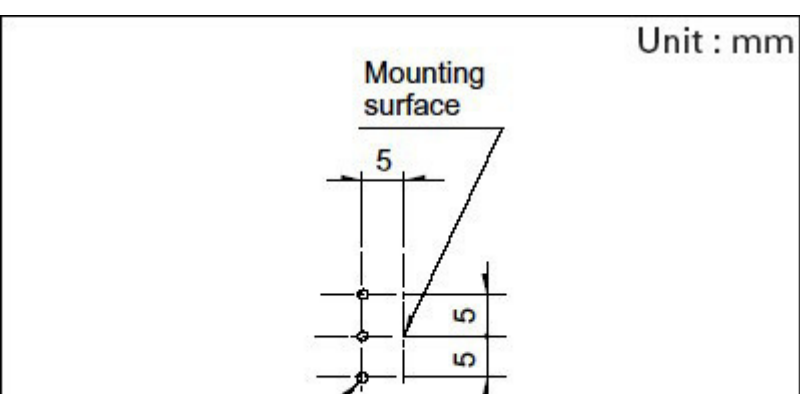
## Photo



## Dimensions



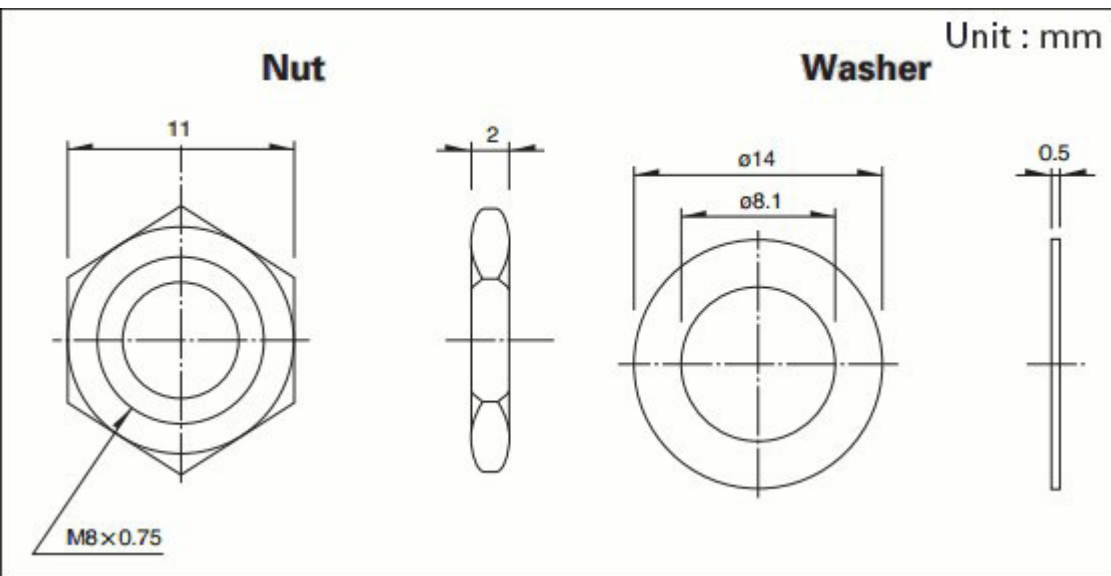
## Mounting Hole Dimensions



3- $\phi$ 1.2 holes

Viewed from mounting side.

## Attached Parts



These parts are attached to the following products.

## Packing Specifications

### Bulk

Number of packages (pcs.)	1 case / Japan	100
	1 case / export packing	500
Export package measurements (mm)	380×540×314	

## Soldering Conditions

### Reference for Hand Soldering

Tip temperature	350 $\square$ max.
Soldering time	5s 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.

## Inquiries about Products





1 July, 2006

**Certificate of Compliance to RoHS regulations**

**RoHS 規制適合証明書**

We hereby certify that following product **do not** intentionally contain environmentally hazardous substances listed item (2), and comply with RoHS regulations.

下記の対象製品には（２）の環境負荷物質が意図的に含有されておりませんので、RoHS規制に適合することを証明致します。

(1) Product: 対象製品 :

Product Name	ALPS Product No.
POTENTIOMETER	RK271111001T

(2) List of environmentally hazardous substances: 対象環境負荷物質 :

- |                        |                  |
|------------------------|------------------|
| 1) Cadmium             | 1) カドミウム         |
| 2) Mercury             | 2) 水銀            |
| 3) Lead                | 3) 鉛             |
| 4) Hexavalent Chromium | 4) 六価クロム         |
| 5) PBB                 | 5) ポリ臭化ビフェニール    |
| 6) PBDE                | 6) ポリ臭化ジフェニルエーテル |

Sincerely yours,

**J. Tsuchiya**

Manager, Engineering Administration Group  
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