

Rotary Potentiometer > RK271 Series > RK271111001T

Series Common Info

27mm Size Metal Shaft Type RK271 Series

[Photo](#) | [Dimensions](#) | [Mounting Hole Dimensions](#) | [Attached Parts](#) | [Packing Specifications](#) | [Soldering Conditions](#) |

PRINT

Part number			RK271111001T		
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)



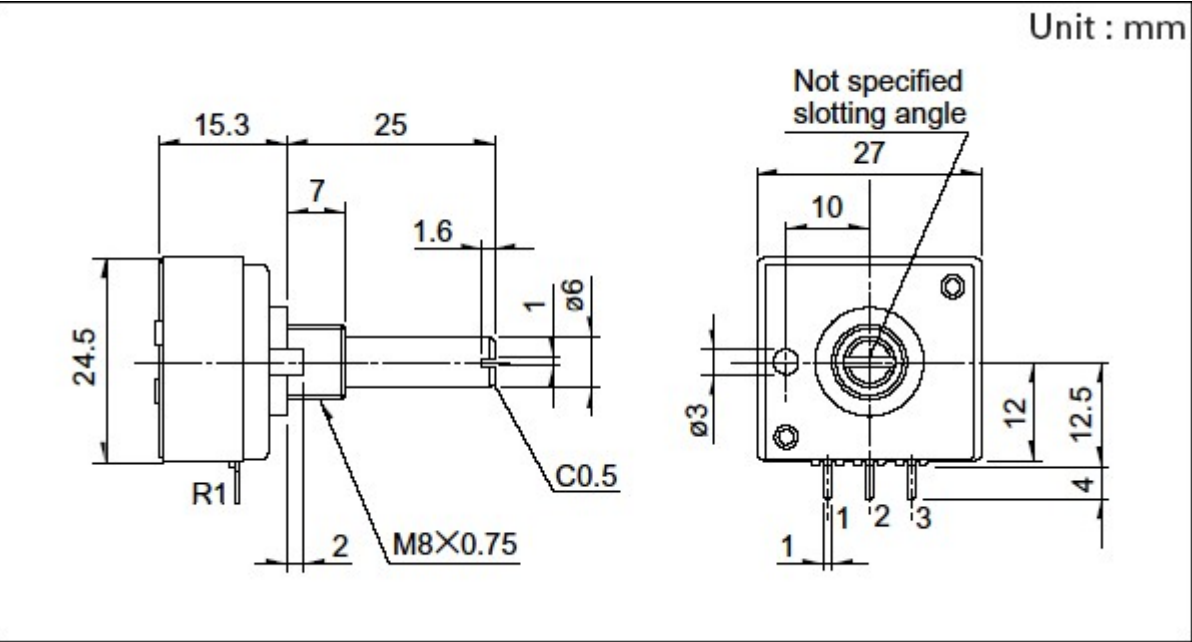
Certificate of Compliance to RoHS regulations



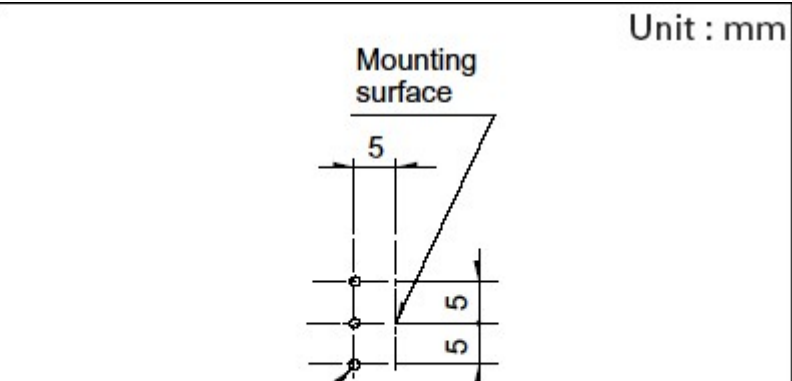
Photo

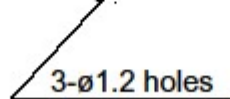


Dimensions



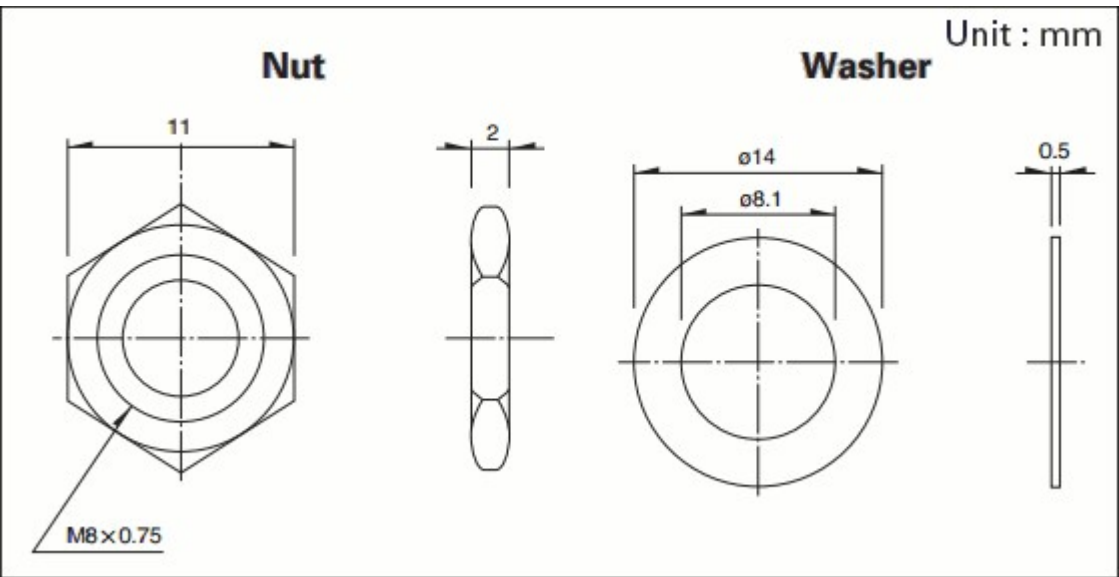
Mounting Hole Dimensions





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℃ 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

