

ALPS Manufacturer of Electronic Components/Parts Catalog

RK0971221Z05

9mm Size Metal Shaft Multi-ganged Type RK097 Series

Detail

Part number

>	Single-	-shaft	with	rotary	switch typ	е
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Fart number		IN09/1221200	
Number of resistor element	s	Dual-unit Dual-unit	
Mounting direction		Horizontal type	
Fixing method of bushing		Screw	
Shaft types		Flat	
Length of the shaft		15mm	
Center detent		Without	
Total resistance		10k Ω	
Resistance taper		3B	
Operating temperature rang	ge	-20°C to +70°C	
	Total resistance tolerance	±20%	
Electrical Performance	Rated power	0.05W	
	Maximum operating voltage	50V AC, 10V DC	
	Residual resistance	20Ω max.	
	Gang error	-40dB to 0dB 3dB max.	
	Insulation resistance	100MΩ min. 250V DC	
	Voltage proof	300V AC for 1 minute	
	Total rotational angle	300±5°	
	Rotational torque	2 to 25mN·m	
Mechanical Performance	Stopper strength	0.5N·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	
	Contact arrangement	Single pole and single throw	

	Voltage proof	300V AC for 1 minute
Minimum order unit (pcs.)	Japan	700
	Export	1,400

3A 16V DC (10mA 16V DC min. rating)

 $100 M\Omega$ min. 250 V DC

 $100 m\,\Omega$ for initial period, $200 m\,\Omega$ max. after operating life.

50° max.

50mN·m max. 10,000 cycles

Changeover angle
Changeover force

Contact resistance

Insulation resistance

Operating life

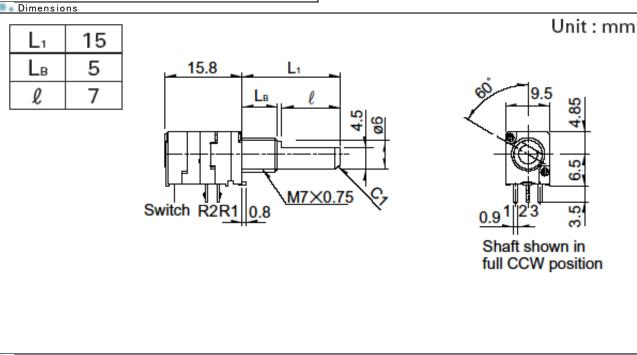
Ratings

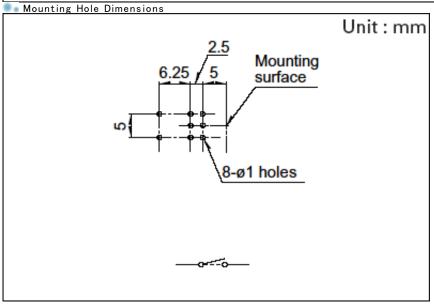
3D CAD (STEP)	
Certificate of Compliance to RoHS regulations	

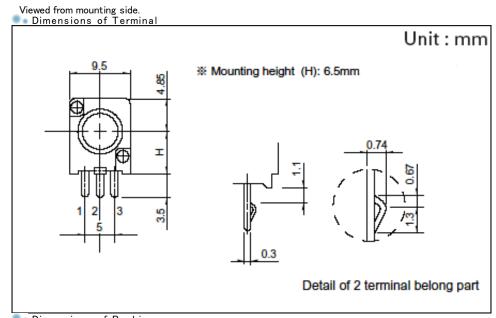
Photo

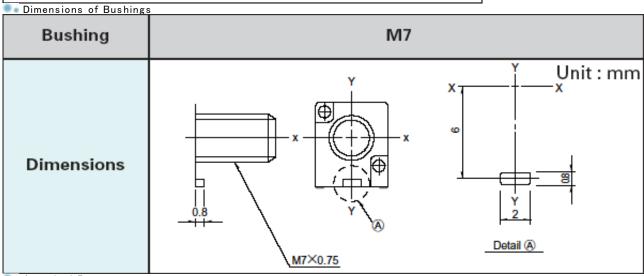
Specifications switches

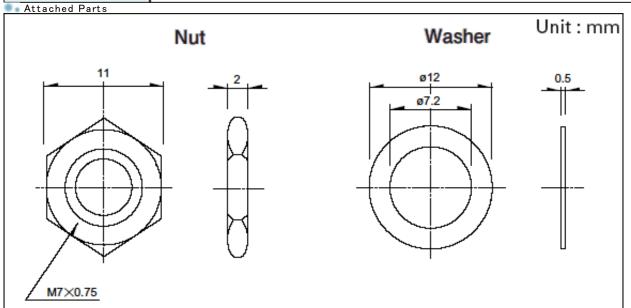












These parts are attached to the following products.

Packing Specifications

Nh f l ()	1 case / Japan	700
Number of packages (pcs.)	1 case / export packing	1,400

Export package measurements (mm) 373 × 540 × 181

Soldering Conditions

Reference	for	Dip	So	lderin,	į
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Preheating	Soldering surface temperature	100°C max.
Freneating	Heating time	2 min. max.
Dip soldering	Soldering temperature	260±5°C max.
DIP Soldering	Soldering time	5±1s
No. of solders		2 time max.

Reference for Hand Soldering

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

» NOTE

Notes are common to this series/models.

- This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
- 2. For the switch attached, the single-shaft or inner shaft of the dual-shaft type can be chosen.
- 3. Please place purchase orders per minimum order unit (integer).
- 4. Products other than those listed in above products are also available. Please contact us for details.
- 5. This products can be used in vehicles. Although these products are designed to perform over a wide operating temperature range, please ensure that you receive and read the formal delivery specifications before use.



Inquiries about Products

For more information please contact: Products Information Center.

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