**ALPS** Perfecting the Art of Electronics

## With Knob Type RK10J/RK14J Series

| | | |
|---|---|---|
| Number of resistor elements | | Dual-unit |
| Total resistance | | 50kΩ |
| Resistance taper | | 3B |
| Soldering | | Manual |
| Type | | 14mm Size |
| Knob types | | Outer size: φ15<br>Knob thickness: t0.9mm<br>Color: Black |
| Mounting board types | | Insertion (t: 2mm) |
| For DC use | | Not applicable |
| Operating temperature range | | -25℃ to +70℃ |
| Electrical Performance | Total resistance tolerance | ±30% |
| | Rated power | 0.03W |
| | Maximum operating voltage | 50V AC |
| | Maximum attenuation | 80dB min. |
| | Insulation resistance | 100MΩ min. 100V DC |
| | Voltage proof | 100V AC for 1 minute |
| Mechanical Performance | Total rotational angle | 270°±5° |
| | Rotational torque | 1 to 10mN・m |
| | Stopper strength | 70mN·m |
| | Push-pull strength | 5N |
| | 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 |

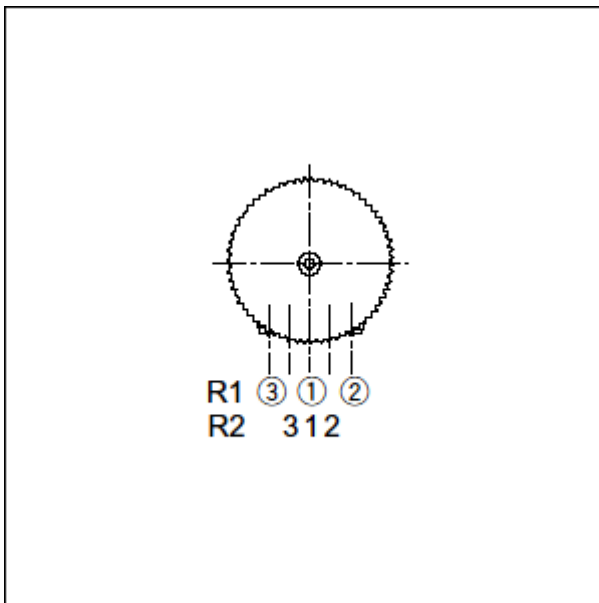| Durability | Operating life | 10,000 cycles |
|---|---|---|
| Minimum order unit (pcs.) | Japan | 1,200 |
| | Export | 2,400 |

## Dimensions
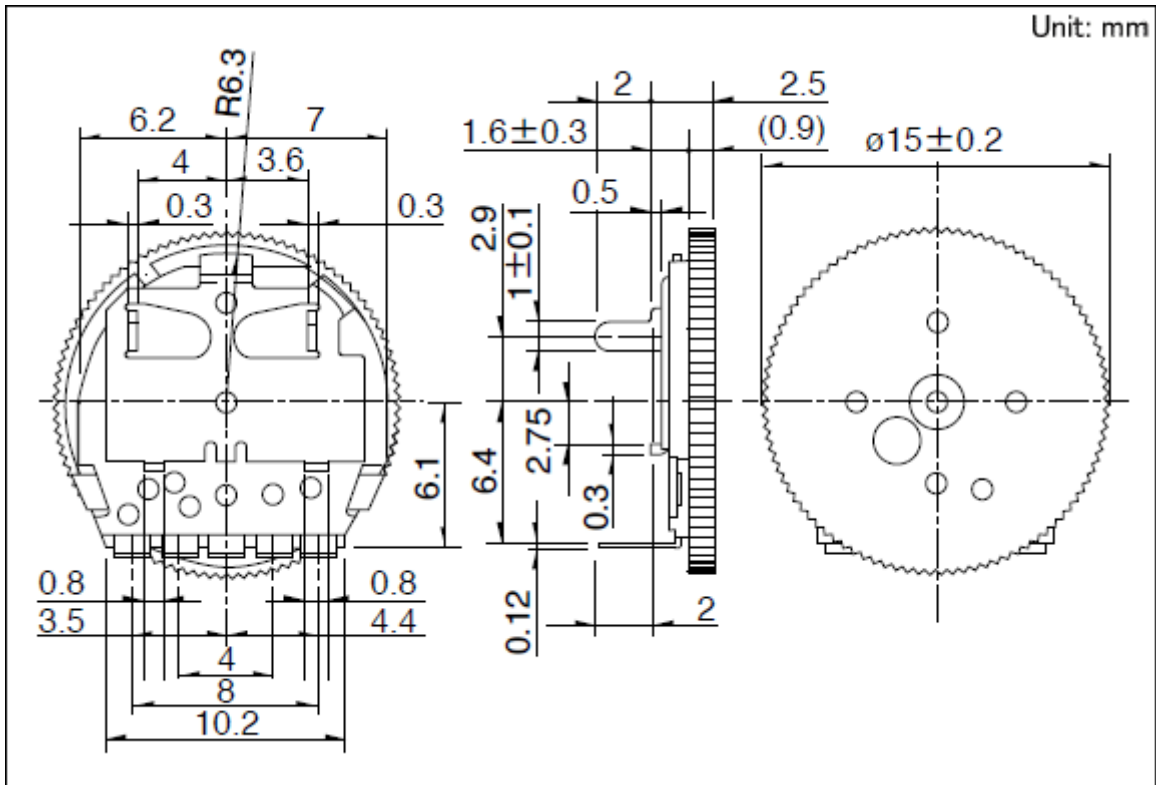


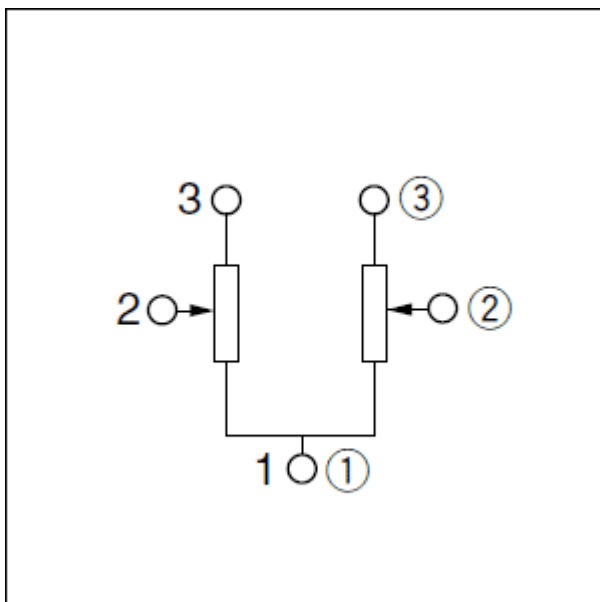## Mounting Hole Dimensions
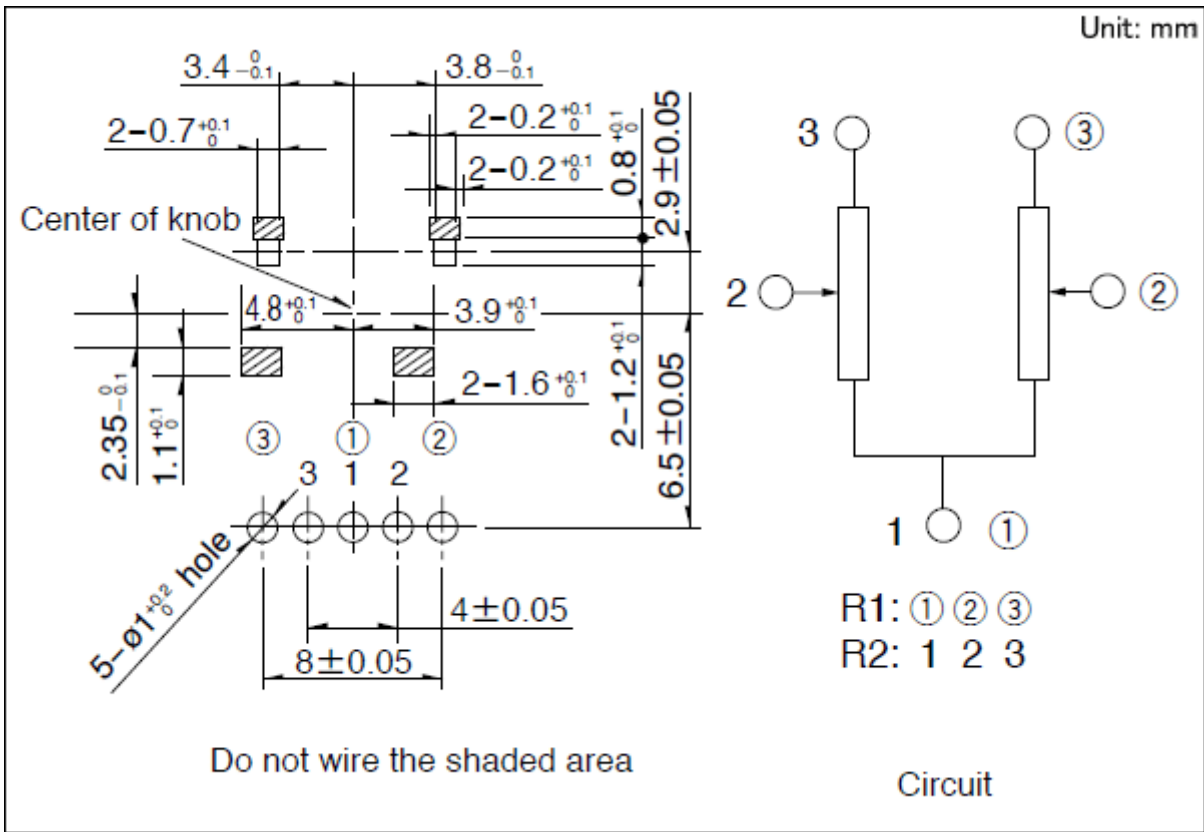
Viewed from mounting side.

## Terminal Layout



## Circuit Diagram

## Packing Specifications

### Bulk

| Number of packages (pcs.) | 1 case / Japan | 1,200 |
|---|---|---|
| | 1 case / export packing | 2,400 |
| Export package measurements (mm) | | 379×259×206 |

## Soldering Conditions

### Reference for Dip Soldering

| Preheating | Soldering surface temperature | 80 to 120℃ max. |
|---|---|---|
| | Heating time | 70±30s |
| Dip soldering | Soldering temperature | 260℃±5℃ max. |
| | Soldering time | 4±1s |
| No. of solders | | 1 time |

### 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. Dip soldering can be applied to RK14J. For dip soldering applications, specify separately as "dip soldering applicable product".

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