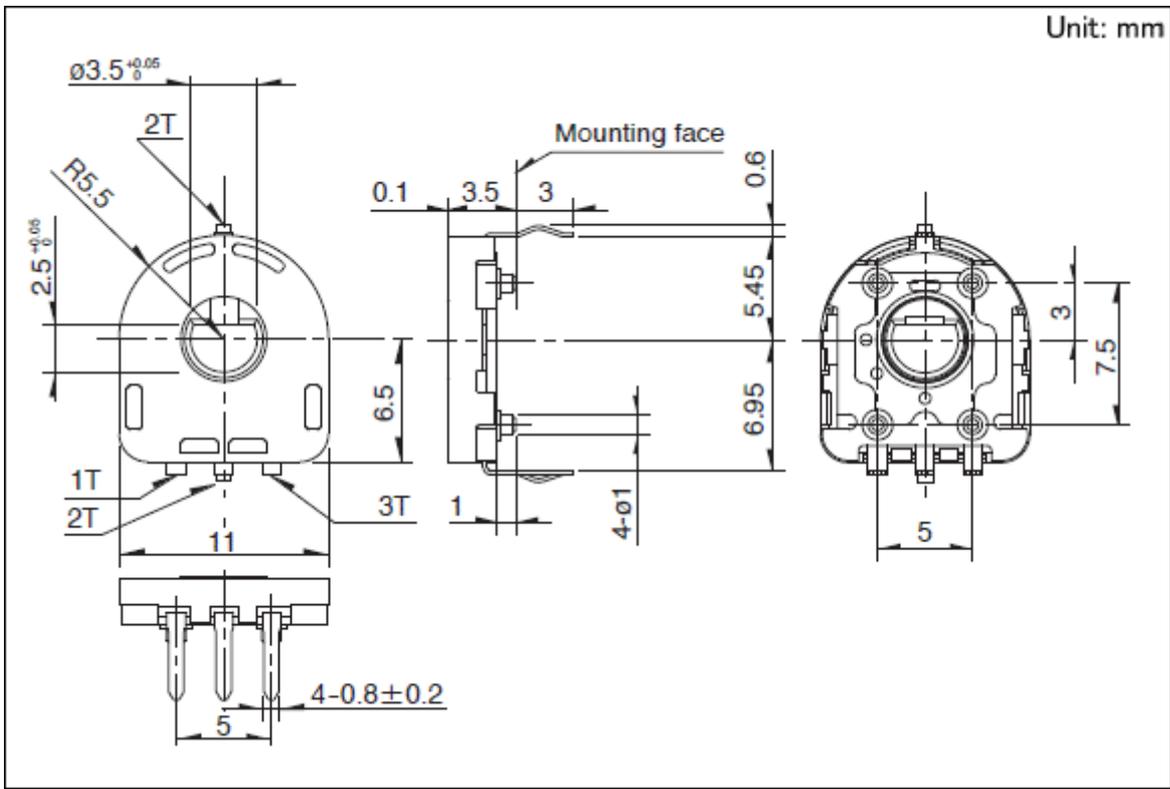




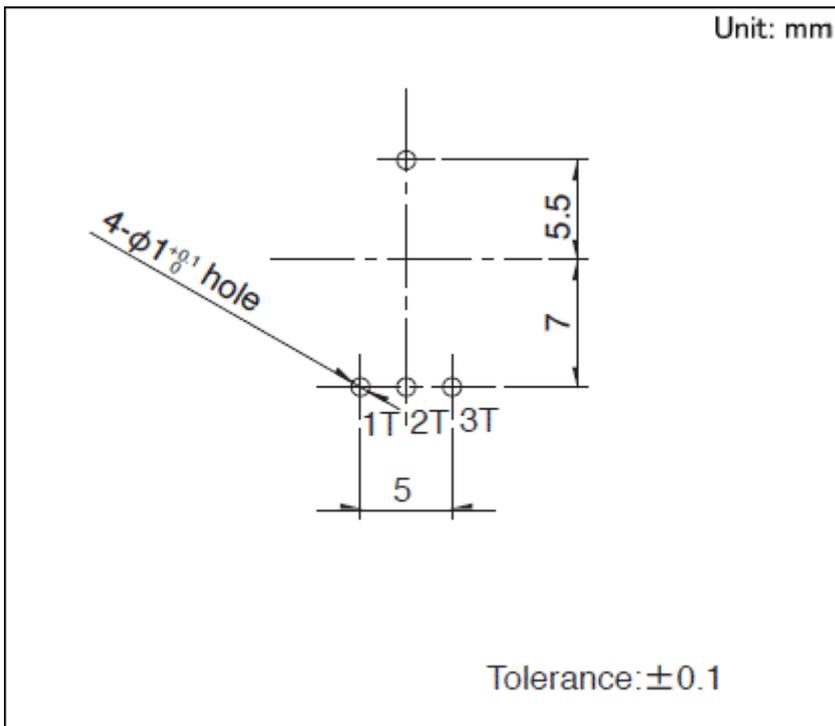
## Rotary Type RDC50 Series

Mounting method	Horizontal type	
Total resistance	10kΩ	
Effective electrical angle	333.3°	
Linearity guarantee range	320°	
Linearity	±2%	
Hollow shaft variation	φ3.5	
Operating life	1,000,000 cycles	
Operating temperature range	-40°C to +120°C	
Mechanical performance	Rotational torque	2mN·m max.
Electrical performance	Total resistance tolerance	±30%
	Rated voltage	5V DC
Environmental test	Cold	-40°C 168h
	Dry heat	120°C 168h
	Damp heat	60°C, 90 to 95%RH 96h
Minimum order unit (pcs.)	Japan	1,500
	Export	3,000

## Dimensions

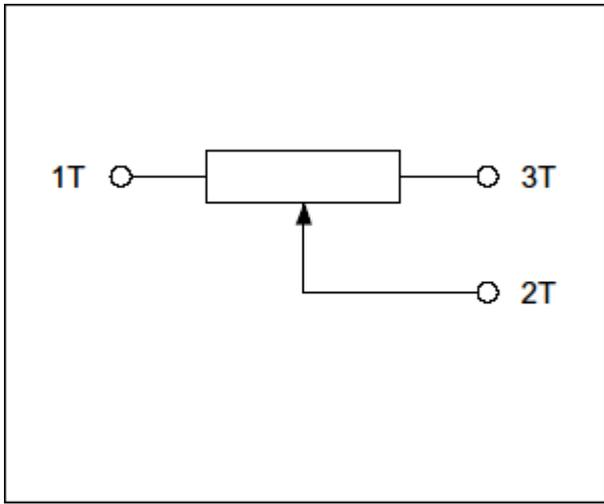


Mounting Hole Dimensions

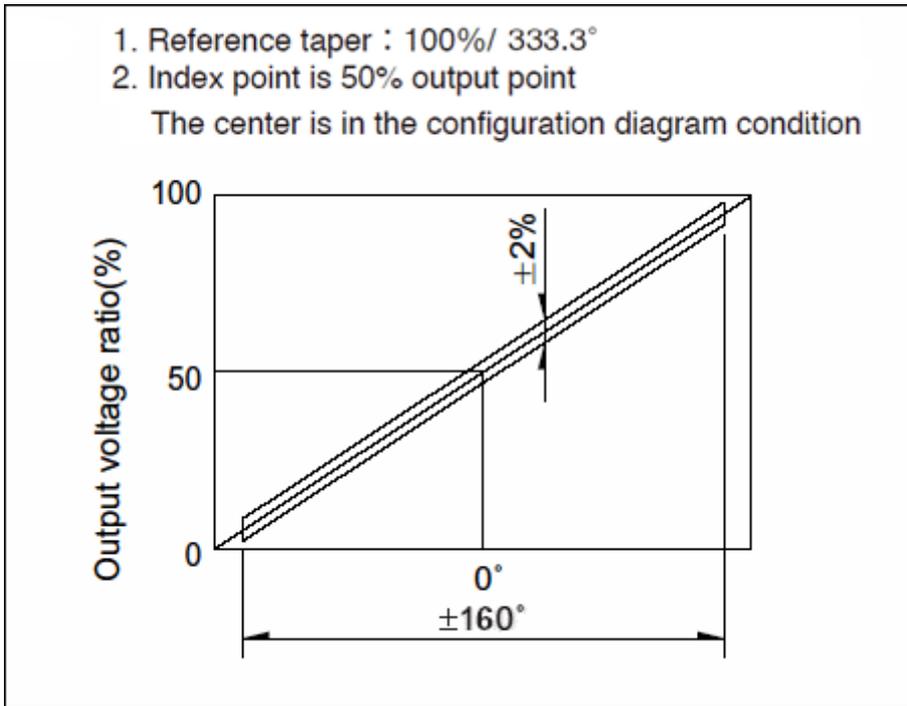


Viewed from mounting side

Circuit Diagram



Linearity



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	1,500
	1 case / export packing	3,000
Export package measurements (mm)	526×370×191	

Soldering Conditions

Reference for Dip Soldering

Preheating	Soldering surface temperature	100 to 150°C
	Heating time	1 min. max.

Dip soldering	Soldering temperature	260±5°C
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	Soldering time	10±1s
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No. of solders		1 time
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**Reference for Hand Soldering**

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Tip temperature		350±5°C
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Soldering time		3(+1, 0)s
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### 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. Place your purchase order in N minimum package units (N: integer).
3. For reflow type, 1-reel is the minimum packing unit. Please see taping specifications.
4. Ask us for the export packaging unit.
5. Products other than those listed in above products are also available. Please contact us for details.
6. 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.