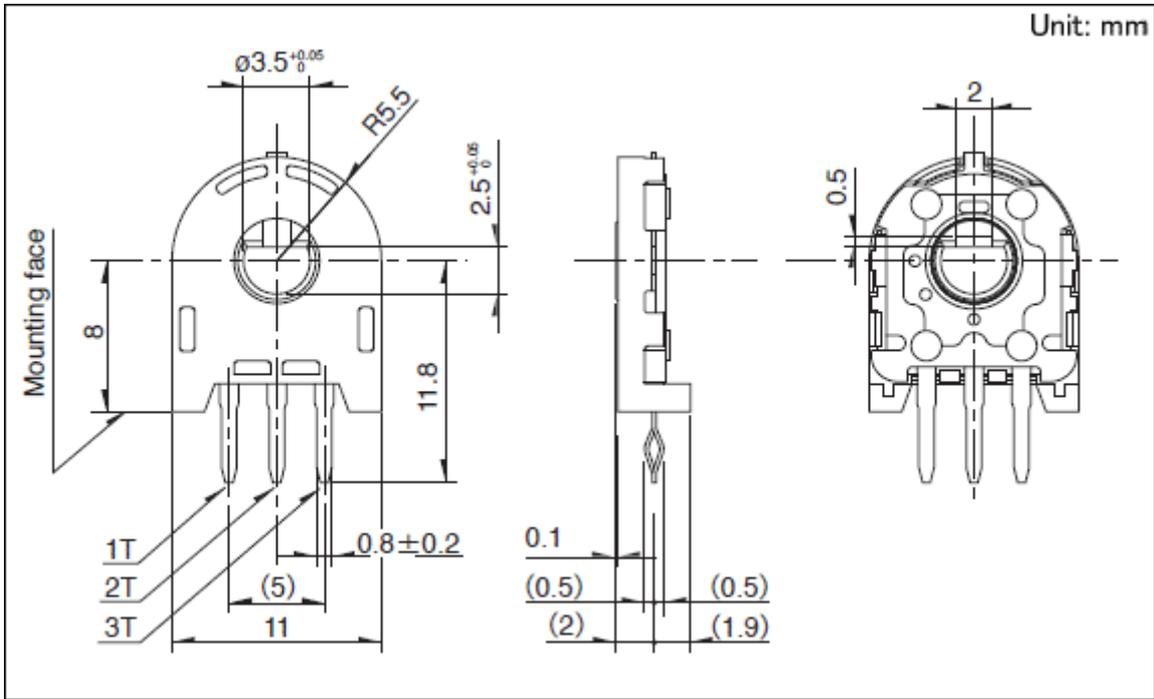




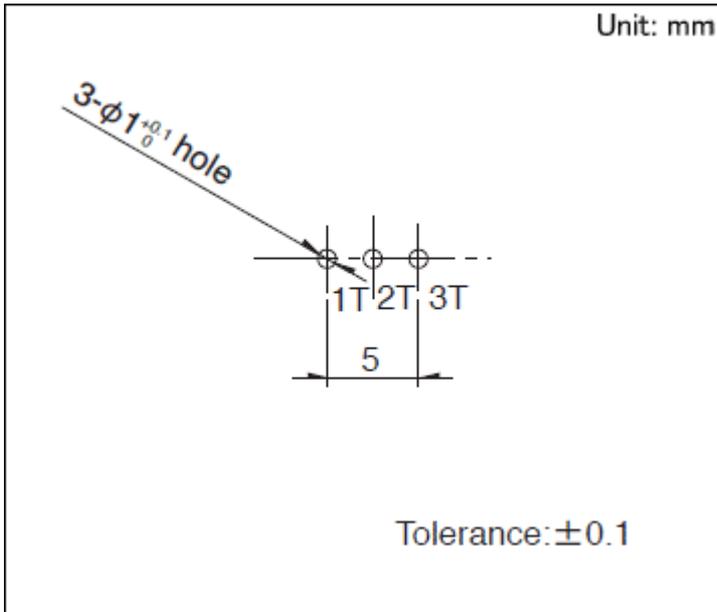
Rotary Type RDC50 Series

Mounting method		Vertical type
Total resistance		10k Ω
Effective electrical angle		333.3 $^{\circ}$
Linearity guarantee range		320 $^{\circ}$
Linearity		$\pm 2\%$
Hollow shaft variation		$\phi 3.5$
Operating life		1,000,000 cycles
Operating temperature range		-40 $^{\circ}\text{C}$ to +120 $^{\circ}\text{C}$
Mechanical performance	Rotational torque	2mN·m max.
Electrical performance	Total resistance tolerance	$\pm 30\%$
	Rated voltage	5V DC
Environmental test	Cold	-40 $^{\circ}\text{C}$ 168h
	Dry heat	120 $^{\circ}\text{C}$ 168h
	Damp heat	60 $^{\circ}\text{C}$, 90 to 95%RH 96h
Minimum order unit (pcs.)	Japan	1,600
	Export	1,600

Dimensions

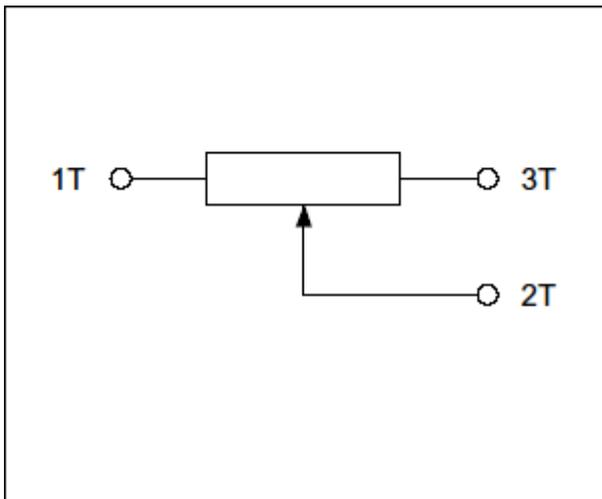


Mounting Hole Dimensions

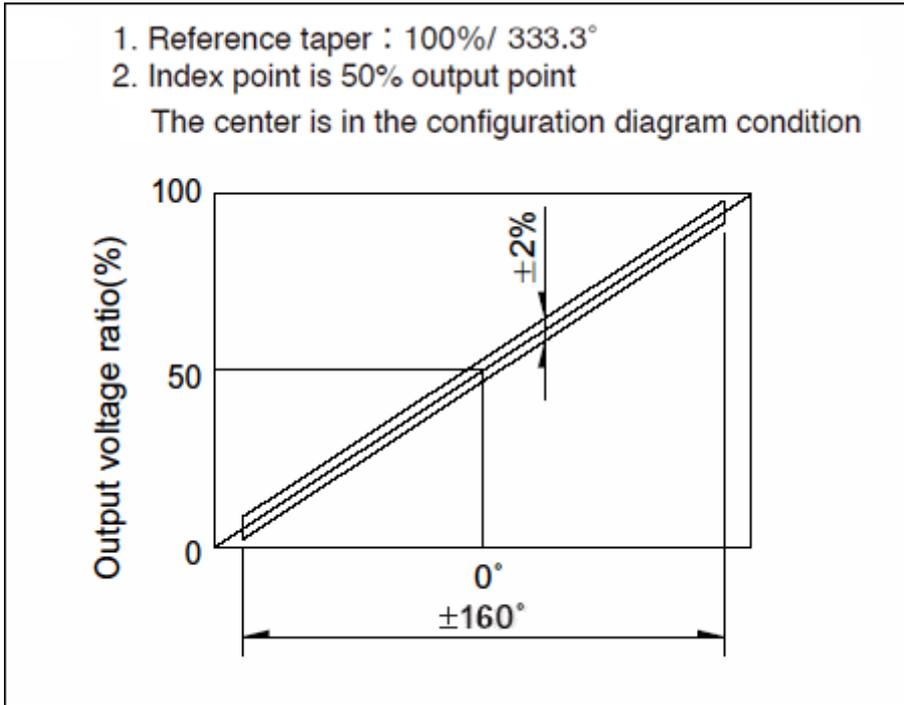


Viewed from mounting side

Circuit Diagram



Linearity



Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	1,600
	1 case / export packing	1,600

Export package measurements (mm) 370×280×92

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
	Soldering time	10±1s
No. of solders		1 time

Reference for Hand Soldering

Tip temperature		350±5°C
Soldering time		3(+1, 0)s

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.