

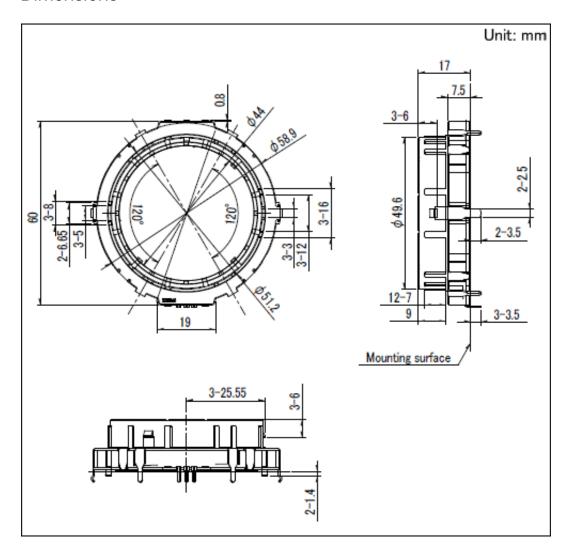
# 60mm Size Ring Type EC60B Series

Part number			EC60B1520401	
Actuator length				17mm
Detent torque				40±10mN⋅m
Number of detent			30	
Number of pulse			15	
Operating temperature range				-40°C to +85°C
Electrical performance	Ratings			10mA 5V DC
	Output signal			Two phase A and B
	Insulation resistance			100MΩ min. 250V DC
	Voltage proof			300V AC for 1 minute or 360V AC for 1 minute
Mechanical performance	Actuator strength		Pushing direction	100N
			Pulling direction	100N
Durability	Operatir	ng life		40,000 cycles
Minimum order unit	t (pcs.) Japan			200
		Export		200

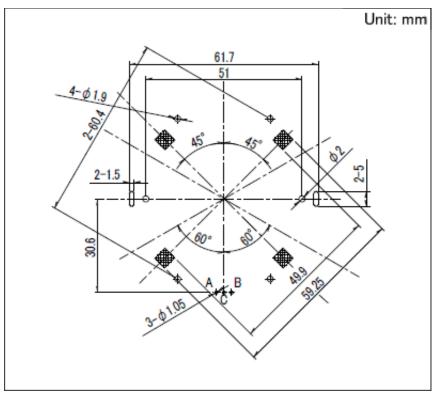
## Photo



### Dimensions

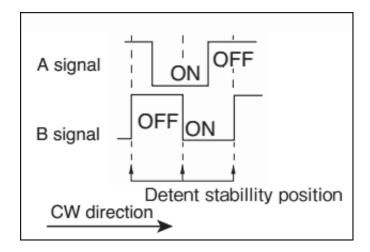


Mounting Hole Dimensions

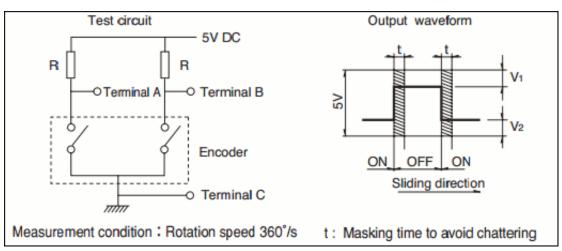


Viewed from mounting side Wiring prohibited on hatched area

### Output Wave



#### Sliding Noise



V1=V2=2.5V max.

#### Packing Specifications

Tray		
Number of packages (pcs.)	1 case / Japan	200
	1 case / export packing	200
Export package m	neasurements (mm)	540×360×270

#### Soldering Conditions

#### Reference for Dip Soldering

Preheating Soldering surfacetemperature 100°C max.  Heating time 2 min. max.  Dip soldering Soldering temperature 260±5°C  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							
Dip soldering  Soldering temperature  Soldering time  5±1s  No. of solders  2 time max.  Reference for Hand Soldering  Tip temperature  350°C max.  Soldering time  3s max.	Preheating	Soldering surfacetemperature	100°C max.				
Soldering time 5±1s  No. of solders 2 time max.  Reference for Hand Soldering  Tip temperature 350°C max.  Soldering time 3s max.		Heating time	2 min. max.				
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Tip temperature 350°C max.  Soldering time 3s max.	No. of solders		2 time max.				
Soldering time 3s max.	Reference for Hand Soldering						
Soldering time 3s max.							
No. of solders 1 time							
	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. 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.