

40mm Size Ring Type EC40A Series

- | Photo
- | Dimensions
- | Mounting Hole Dimensions
- | Output Wave
- | Sliding Noise
- | Packing Specifications
- | Soldering Conditions

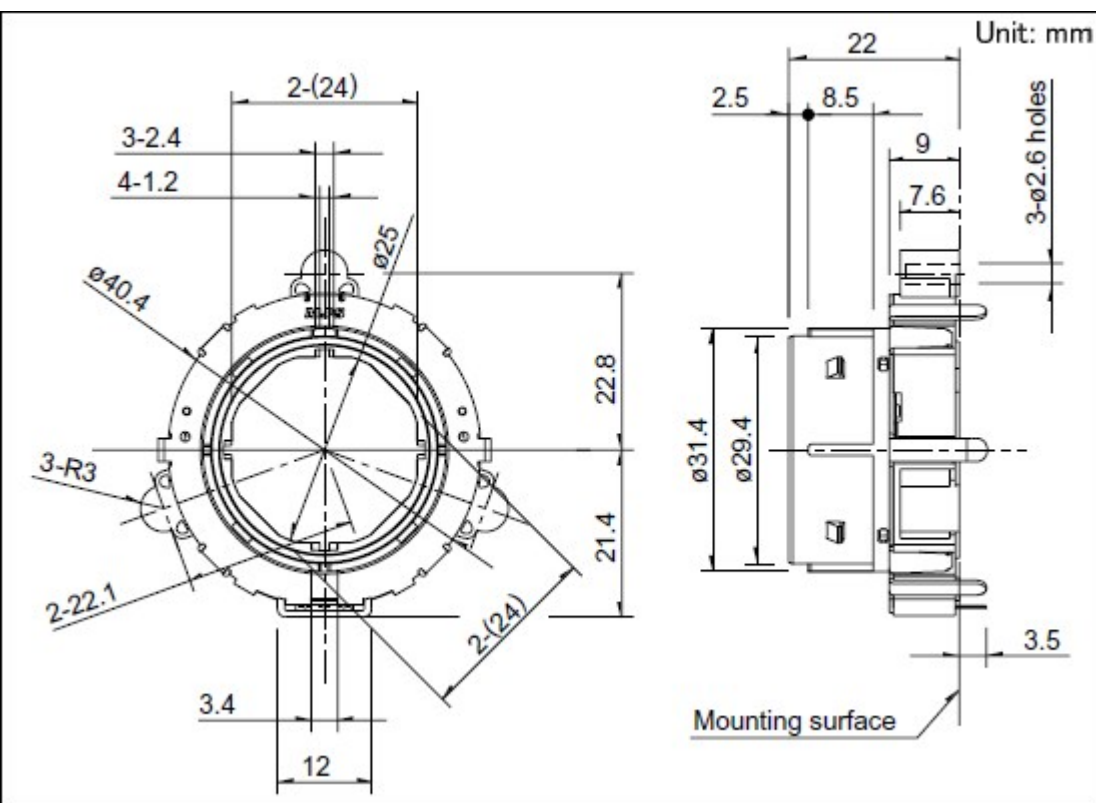
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| | | | |
|---|-----------------------|---------------------|---------------|
| Part number | | EC40A1520405 | |
| Actuator length | | 22mm | |
| Detent torque | | 40±16mN・m | |
| Number of detent | | 30 | |
| Number of pulse | | 15 | |
| Operating temperature range | | -40℃ to +85℃ | |
| Electrical performance | Ratings | 0.5mA 5V DC | |
| | Output signal | Two phase A and B | |
| | Insulation resistance | 10MΩ min. 50V DC | |
| | Voltage proof | 50V AC for 1 minute | |
| Mechanical performance | Actuator strength | Pushing direction | 100N |
| | | Pulling direction | 50N |
| Durability | Operating life | | 30,000 cycles |
| Minimum order unit (pcs.) | Japan | 200 | |
| | Export | 400 | |
| 3D CAD (STEP) | | | <div>↓</div> |
| Certificate of Compliance to RoHS regulations | | | <div>↓</div> |

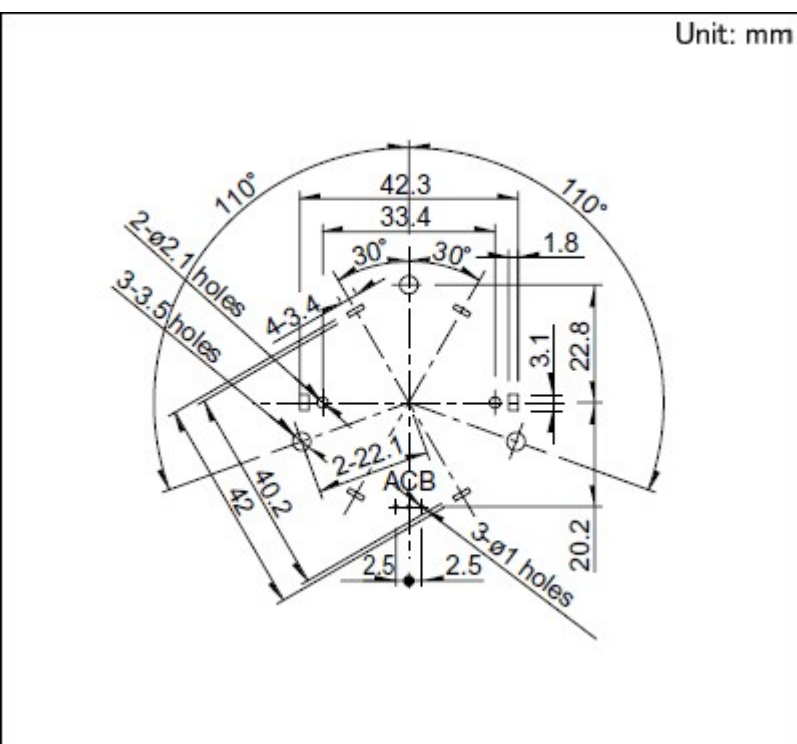
Photo



Dimensions

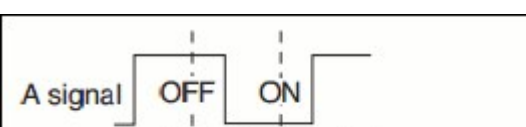


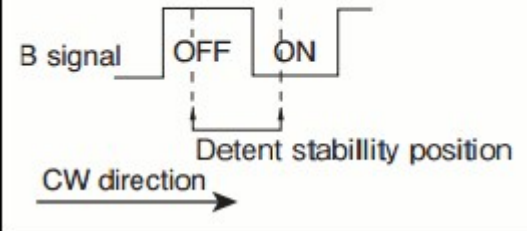
Mounting Hole Dimensions



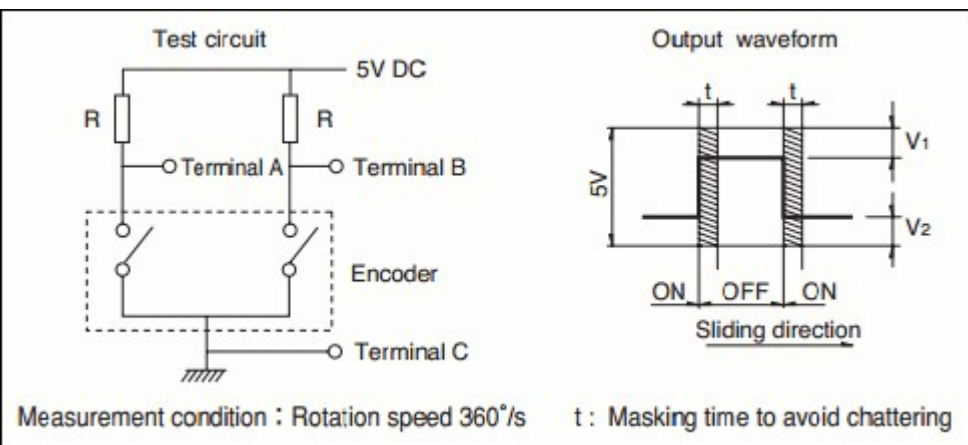
Viewed from mounting side

Output Wave





Sliding Noise



V₁=V₂=2.5V max.

At R = 10kΩ Chattering: 3ms max. Bounce: 2ms max.

Packing Specifications

Tray

Number of packages 1 case / Japan 200
(pcs.)

1 case / export
packing 400

Export package measurements (mm) 540×360×380

Soldering Conditions

Reference for Dip Soldering

| | | |
|----------------|------------------------------|-------------|
| Preheating | Soldering surfacetemperature | 110°C max. |
| | Heating time | 1 min. max. |
| Dip soldering | Soldering temperature | 260°C max. |
| | Soldering time | 10 max. |
| No. of solders | | 1 time |

Reference for Hand Soldering

| | |
|-----------------|------------|
| Tip temperature | 350°C max. |
| Soldering time | 3s max. |

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.

Inquiries about Products

 **Inquiry**