

## Encoders

## Insulated shaft Encoder

12mm Size Insulated Shaft Type  
**EC12D Series**

Automotive-compatible with push-on feature.



Automotive

- Output signal: Two phase A and B
- Ratings: 1 mA 5V DC
- Operating life: 30,000 cycles

Applications: Energy\_Industrial: Converters  
 Home: Major home appliances  
 Audio\_TV: Visual, Audio, Pro audio  
 Automotive: Navigation/audio systems, HVAC

## ■ Product List

Products No.	Type	Actuator length (mm)	Detent torque	Number of detent	Number of pulse	Automotive	Drawing No.
<b>EC12D1524403</b>	With Switch Type	17.5	5±3mN·m	30	15	●	1
<b>EC12D1564402</b>		17.5	10±5mN·m	30	15	●	
<b>EC12D1524406</b>		17.5	5±3mN·m	30	15	●	
<b>EC12D1564404</b>		17.5	10±5mN·m	30	15	●	

## Note

1. This 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 the above chart are also available. Please contact us for details.

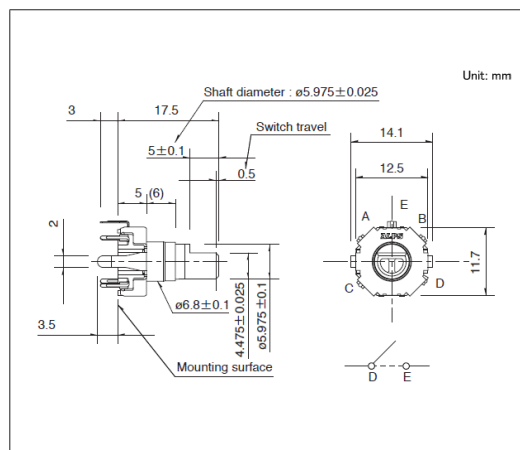
## ■ Packing Specifications

Tray

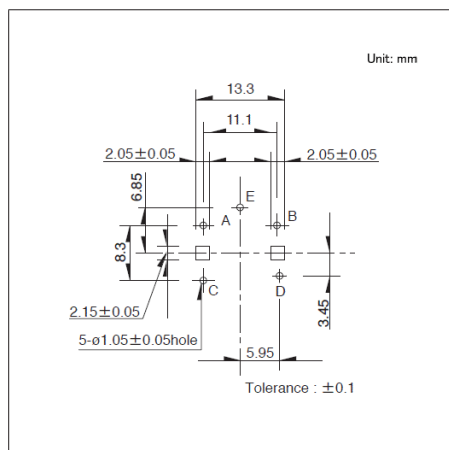
Number of packages(pcs.)		Export package measurements (mm)
1 case / Japan	1 case / export packing	
1,280	2,560	540 x 360 x 290

## Drawing No.1

## ■ Dimensions



## ■ Mounting Hole Dimensions



Viewed from mounting face.