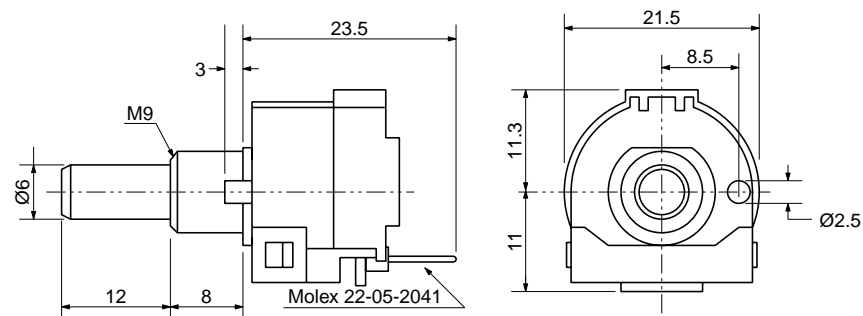
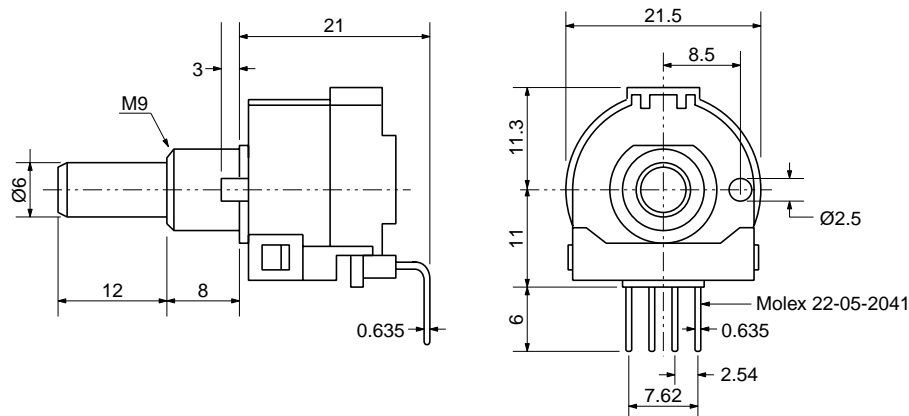


PANEL/PCB MOUNT

High Resolution

- Economical
- Metal Shaft
- Low Current
- Rugged Design

Panel Mount/Right Angle (S) Type



Panel Mount/Straight (T) Type

SPECIFICATIONS

ELECTRICAL

1. Input Voltage: 5.0 VDC $\pm 5\%$
2. Current Consumption: 26mA nominal; 30mA max.
3. Output Voltage: High: 4.2Vmin
Low: 0.4Vmax
4. Max. Freq. Response: 500 Hz

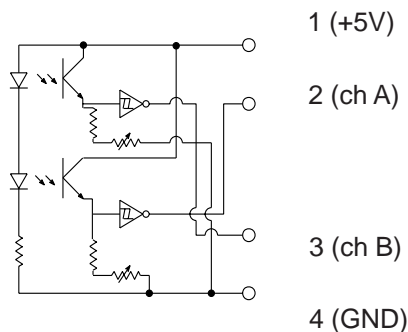
MECHANICAL

1. Max Shaft Load, radial: 1.0 kgf
axial: 1.0 kgf
2. Rotational Angle: 360° continuous
3. Starting Torque: 50 gf•cm max.
4. Rotational Life: 2.5×10^6 cycles

ENVIRONMENTAL

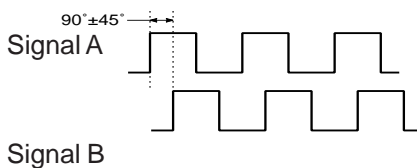
1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: 85% RH, no condensation
4. Vibration: 10 - 55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 6ms, 3 axes, 3 reps

OUTPUT CIRCUIT



OUTPUT WAVEFORM

Counter clockwise rotation viewed from front



STANDARD RESOLUTIONS

EC202AXXX

025	25 P/R	050	50 P/R
075	75 P/R	100	100 P/R
128	128 P/R	200	200 P/R

Resolutions are stated in cycles per revolution and can be resolved to 4x the cycle resolution (128 = 512, 200 = 800, etc.)

ORDERING INSTRUCTIONS

EC202AXXXA2XD

Resolution:

050 = 50PPR
128 = 128PPR

100 = 100PPR
200 = 200PPR

Pin Orientation:

S = Right Angle
T = Straight



CUI Inc.

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DRAWN BY
JAS

UPDATED
07/02/02

CHECKED
07/02/02

RELEASED

PART NO.

EC202AXXXA2XD

REV.

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