

SPECIFICATIONS

ELECTRICAL

1. Input Voltage: 5.0 VDC $\pm 5\%$
2. Resolution: 25PPR
3. Current Consumption: 20mA max.
4. Output Voltage: High: 4.2Vmin
Low: 0.4Vmax
5. Max. Freq. Response: 100 Hz

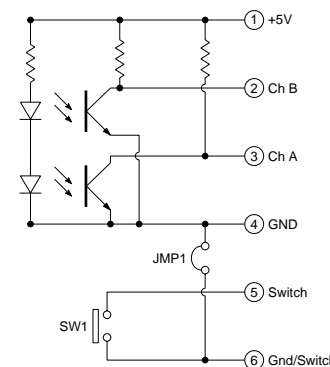
MECHANICAL

1. Max Shaft Load, radial: 1.0 kgf
axial: 1.0 kgf
2. Rotational Angle: 360° continuous
3. Starting Torque: 40 gf•cm ± 20 gf•cm
4. Maximum Speed: 210 RPM
5. Rotational Life: 2,000,000 cycles

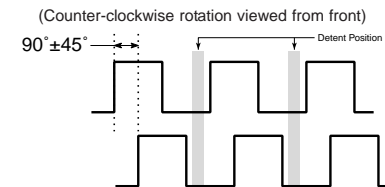
ENVIRONMENTAL

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



ORDERING INSTRUCTIONS

EC206X025XX

Shaft style:

- E = Single shaft
- F = Dual concentric shaft

Jumper:

- 1 = With JMP1
- 2 = Without JMP1

Termination options:

- A = Solder holes
- B = Connector
- C = Cable
- D = PC board mount



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