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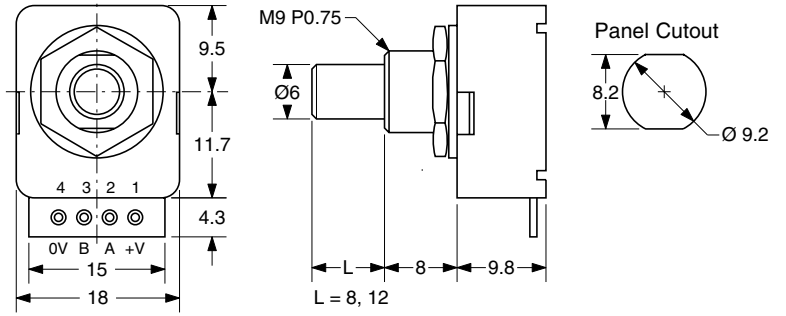
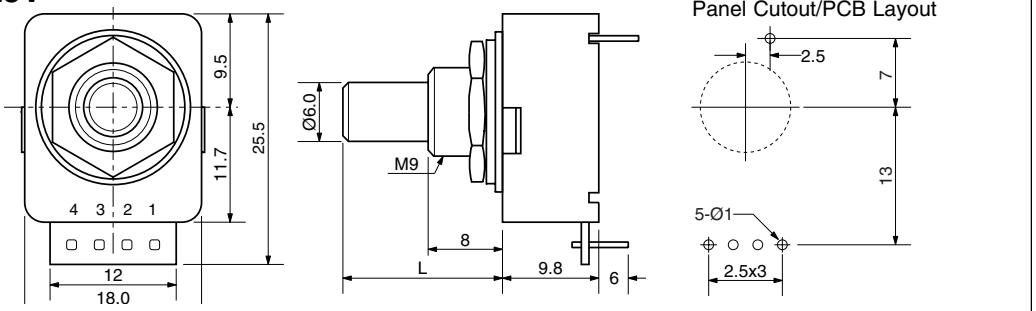
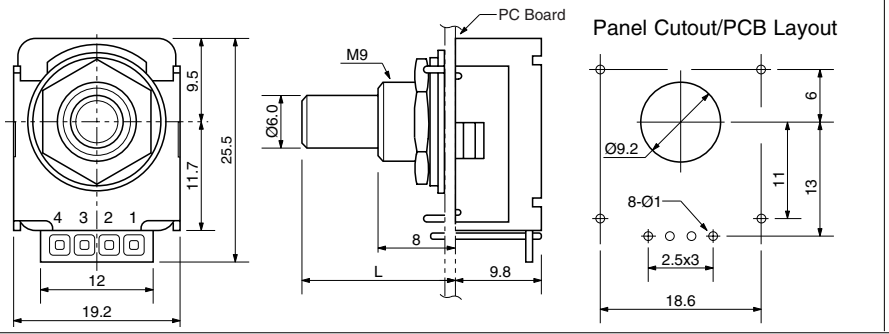
RE25S



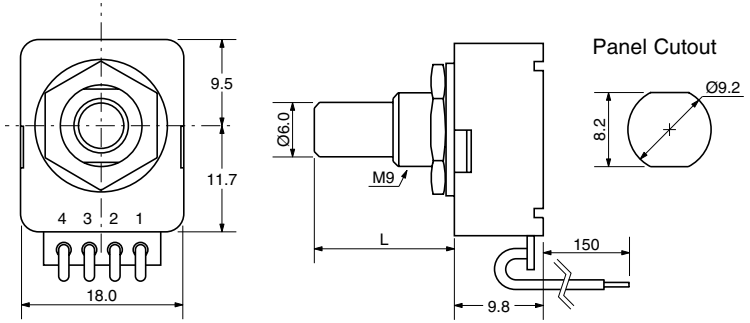
RE25V



RE25F



RE25C



SPECIFICATIONS

ELECTRICAL

1. Input Power: 5.0 VDC ±10% @ 10mA
   3.3 VDC ±10% @ 10mA
2. Output Voltage: H = Vcc- 0.4V
   L 0.4V
3. Resolution: 16, 25 PPR
3. Output Type: TTL/CMOS Compatible
4. Max. Freq. Response: 500 Hz

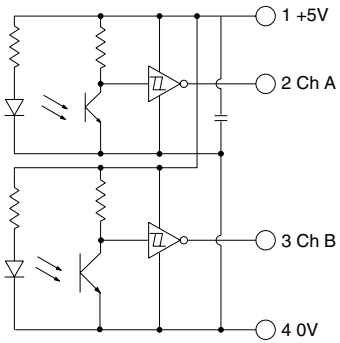
MECHANICAL

1. Max Shaft Load, radial: 1.0 kgf
   axial: 1.0 kgf
2. Rotational Angle: 360° continuous
3. Click Torque: 100 gf cm max.
4. Rotational Life: 2.5 x 10^6 cycles

ENVIRONMENTAL

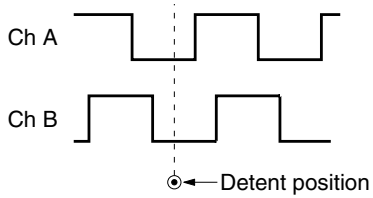
1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: 85% RH, no condensation
4. Vibration: 10~55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 6ms, 3 axes, 3 reps

OUTPUT CIRCUIT



OUTPUT WAVEFORM

Clockwise rotation viewed from front



ORDERING INSTRUCTIONS

RE25X X XX C XX R X

- Type: N: Non-drip proof
- Termination Options: S: Solder hole; C: Cable Type; V: Vertical mount; F: Front mount
- Resolution: 16: 16 PPR; 25: 25 PPR
- Detent: C: Detent Only
- Shaft Length: 16: 16mm shaft; 20: 20mm shaft
- R: Round shaft
- Input Voltage: A: 5V±5% input; B: 3.3V input

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DRAWN BY	UPDATED	CHECKED	UNIT
JRH	09/03/20	09/03/20	MM

PART NO.	REV.
RE25XXXXCXXX	A