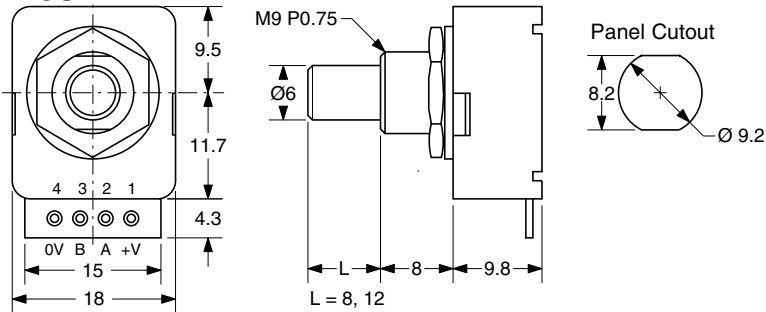
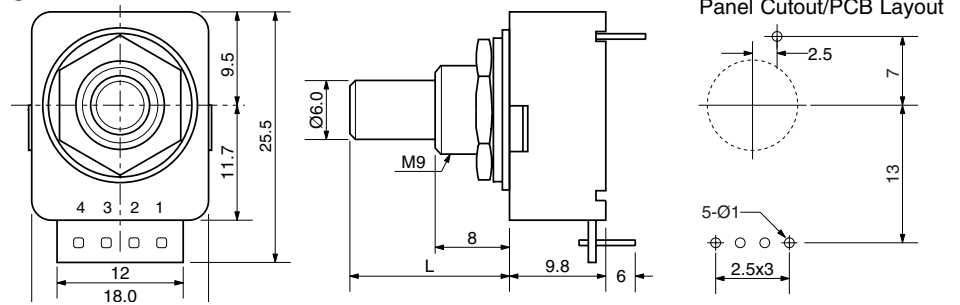


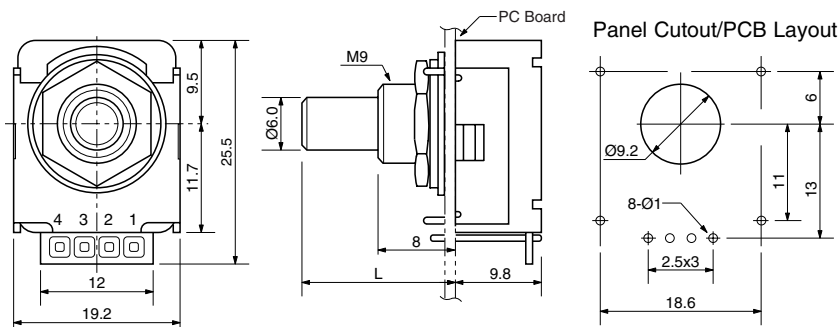
**RE25S**



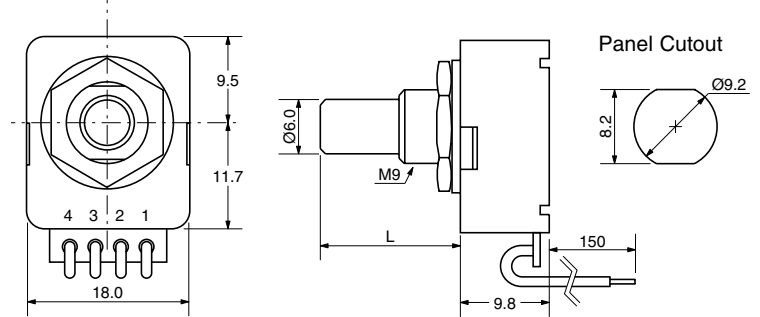
**RE25V**



**RE25F**



**RE25C**



**SPECIFICATIONS**

**ELECTRICAL**

1. Input Power: 5.0 VDC  $\pm 10\%$  @ 10mA  
3.3 VDC  $\pm 10\%$  @ 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

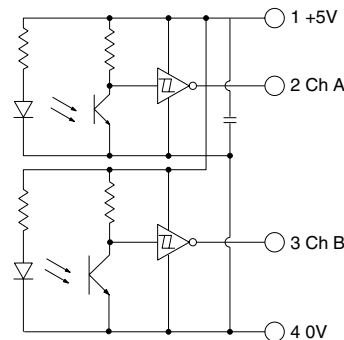
**MECHANICAL**

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<sup>6</sup> cycles

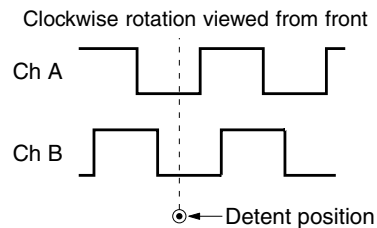
**ENVIRONMENTAL**

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**

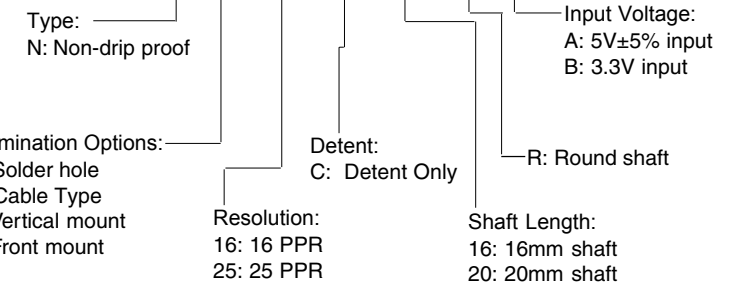



**OUTPUT WAVEFORM**



**ORDERING INSTRUCTIONS**

**RE25X XX C XX R X**



 <p><b>CUI Inc.</b> 20050 SW 112th Ave. Tualatin, OR 97062 Tel: 503/612-2300 FAX: 503/612-2383</p>			
PART NO. <b>RE25XXXXCXXX</b>			REV. <b>A</b>