



# Optical Encoders

## SERIES 62AG Price Competitive Solution

### FEATURES

- Over 1 million rotational cycles
- 2-bit gray code output
- Quadrature coding
- Available in 16, 20, 24 and 32 detent positions
- Choices of cable length and terminations
- Available for 5Vdc and 3.3Vdc
- Optional integrated pushbutton
- Patented light pipe technology
- Cost competitive with mechanical encoders at higher volumes

### APPLICATIONS

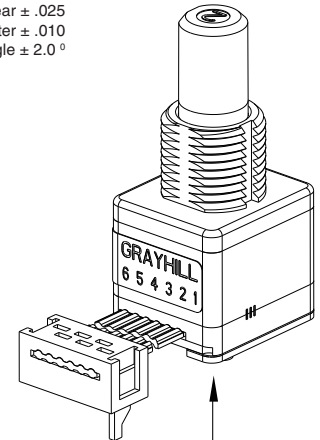
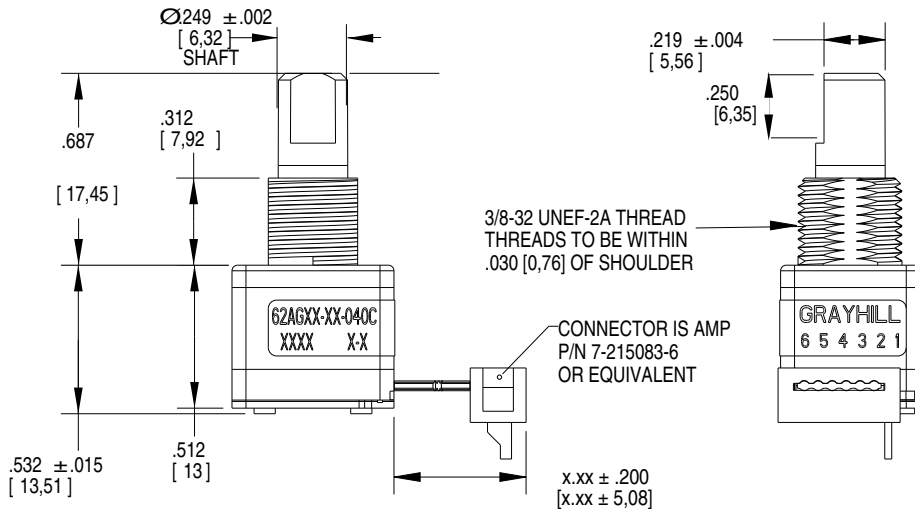
- Automotive
  - audio systems
  - navigation systems
- Medical
  - patient monitoring systems
- Test & Measurement
  - analyzers
  - oscilloscopes
- Audio & Video
  - consumer electronics
  - professional editing equipment



### DIMENSIONS in inches (and millimeters)



Unless otherwise specified, standard tolerances are:  
 Linear  $\pm .025$   
 Diameter  $\pm .010$   
 Angle  $\pm 2.0^\circ$



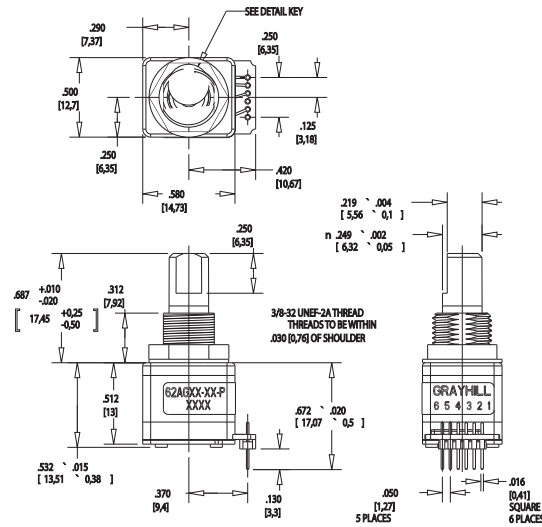
NOTE: GRAYHILL ALLOWS MULTIPLE ORIENTATIONS FOR THE GRAYHILL TEXT ON THE BACKPLATE.



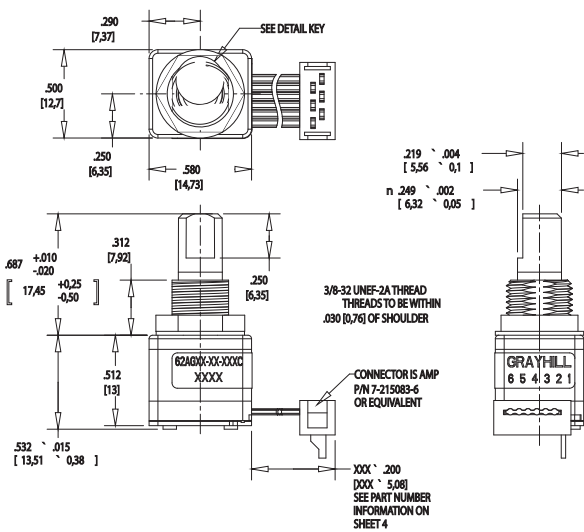
**Suggested Mounting Panel Cutout**

Optical and Mechanical Encoders

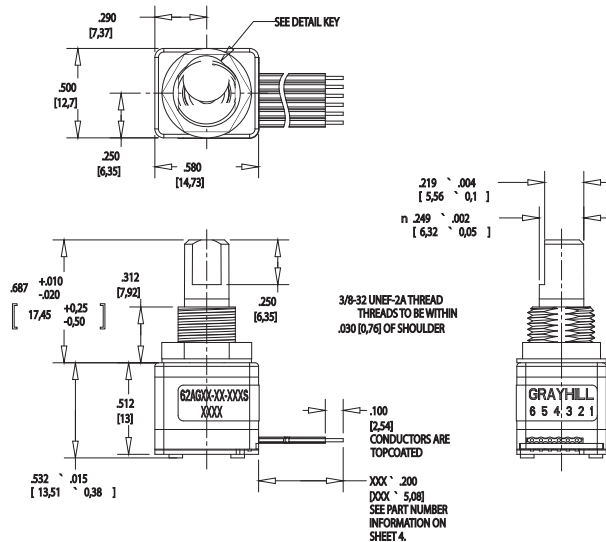
Termination Options



P - .050 Center Pins with 0.185 inch length



C - .050 Center Ribbon Cable with connector



S - .050 Center Ribbon Cable with .100 stripped end

Optical and Mechanical Encoders