

**Special Features:**

- High Reliability & Accuracy
- Less than 1 Cubic Inch
- Available Damped or Undamped
- Qualified to MIL-STD-810
- Hermetically Sealed
- Gold Contacts
- True Omni Sensing
- Over 50 Years of Service
- Helicopter or Fixed Wing Use
- Also Available with Shielded Cable

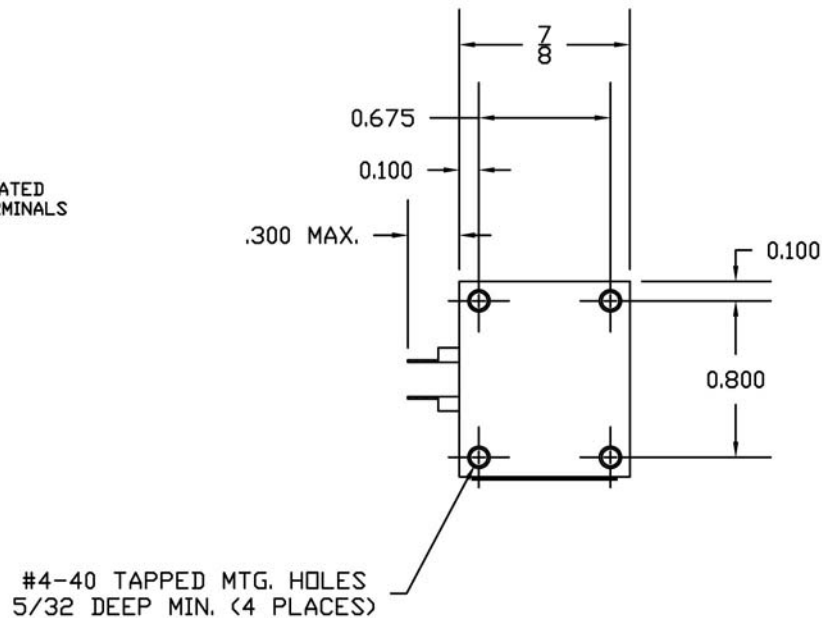
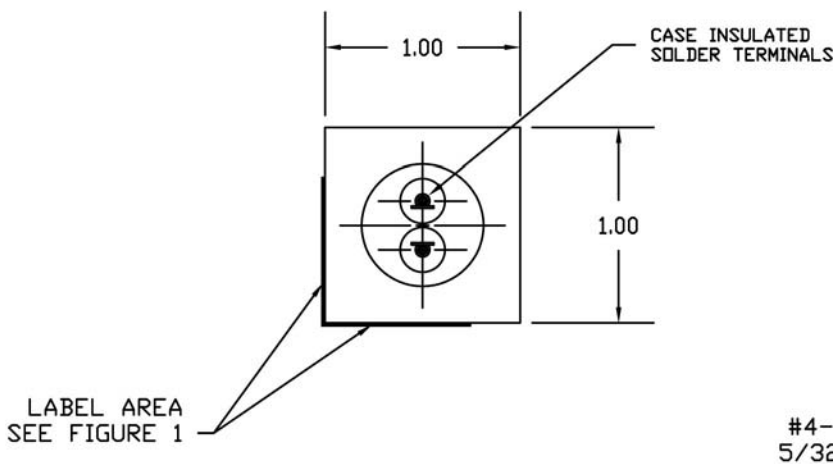


**Specifications:**

Sensitivity.....	Omnidirectional
G Range.....	3 to 100 g
Accuracy.....	15%
Contact Type.....	SPST, NO
Contact Rating.....	2.0A @ 28 VDC
Contact Resistance.....	less than 1.0 ohm
Insulation Resistance.....	1000 Mohms @ 500 VDC
Operating Temperature.....	-55C to +125C
Response Time.....	<1ms @ 1000g
Reset.....	Automatic once g's decay
Weight.....	40 grams
Seal.....	Hermetic

**General Description:**

The Inertia Switch model 3RO-434 is a small, highly reliable inertia switch designed to sense g forces in any given direction. Often used as crash detector, this device will operate repeatedly for hundreds of thousands of flight hours. True omni sensing makes this an excellent choice for helicopter applications. No power is required for operation.



The information on this data sheet is for reference only. Please verify all specifications by consulting our engineering department for the appropriate outline control drawing.