

Technical drawing of a bolt assembly with three views: front, side, and end view.

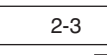
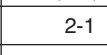
**Front View (Left):** Shows a square head with a central keyway. Dimensions: overall width 6.60 (.26), overall height 12.70 (.50).

**Side View (Middle):** Shows the bolt profile. Dimensions include:
 

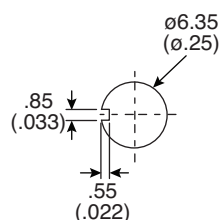
- Head width: 8.80 (.346)
- Head height: 10.55 (.415)
- Head diameter:  $\phi 2.92$  ( $\phi .115$ )
- Thread specification: 1/4-40 UNS-2A
- Thread length: 10.40 (.409)
- Washer thickness: .76 (.03)
- Washer outer diameter: 4.70 (.185)
- Washer inner diameter: .76 (.03)
- Washer material: Epoxy Seal

**End View (Right):** Shows the bolt head and washer from the side. Dimensions:
 

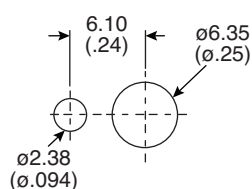
- Washer thickness: 2.03 (.08)
- Washer outer diameter: 3
- Washer inner diameter: 2
- Washer material: 1

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POS.1                                                                               | POS.2                                                                               |
|  |  |
| ON                                                                                  | (ON)                                                                                |
| 2-3                                                                                 | 2-1                                                                                 |
|  |  |

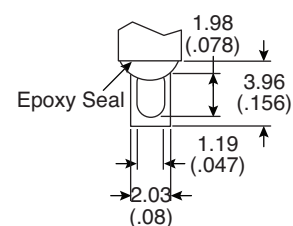
### Switch Function



Without locking ring



With standard locking ring



**Solder Lug**

- Contact resistance: Below 10mΩ typ. initial @ 2-4 V DC, 100mA
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1000 V RMS min. @sea level
- Rating: 2A/ 250VAC or 5A/120 VAC or 28 VDC

- Mechanical life: 30,000 make-and-break cycles
- Operating temperature:  $-30^{\circ}\text{C} \pm 85^{\circ}\text{C}$

- RoHS Compliant By Exemption

- Manual soldering: use soldering iron of 30W, controlled at 350°C approx. 5 seconds while applying solder
- Wave soldering: recommended soldering temp.: 260±5°C Duration of solder immersion: 5±1 seconds (PCB is 1.6mm in thickness)

# Mountain Switch

www.mouser.com 1-800-346-6873

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.