

Technical drawing of a 1/2" NPT x 1/2" NPT 300 Series Isolation Valve. The drawing includes a side view, a top view, and a detailed cross-sectional view. Key dimensions are provided in inches and millimeters.

Side View Dimensions:

- Overall Height: 19.81±.99 (78±.039)
- Overall Width: 8.2 (0.32)
- Stem Diameter: 0.510 (0.201)
- Base Diameter: 0.508±.203 (0.02±.008)
- Stem Length: 4.31±.99 (1.7±.039)
- Base Thickness: 2.20±.99 (0.087±.039)
- Internal Clearance: 0.508±.203 (0.02±.008)
- Internal Diameter: 0.541±.304 (0.213±.012)
- Internal Length: 2.79±.304 (0.11±.012)
- Internal Width: 3.30±.99 (0.13±.039)
- Internal Height: 11.98±.508 (4.72±.02)
- Internal Diameter: 0.701±.508 (0.276±.02)

Top View Dimensions:

- Overall Diameter: 0.510 (0.201)

Cross-sectional View Dimensions:

- Stem Diameter: 0.510 (0.201)
- Base Diameter: 0.508±.203 (0.02±.008)
- Stem Length: 4.31±.99 (1.7±.039)
- Base Thickness: 2.20±.99 (0.087±.039)
- Internal Clearance: 0.508±.203 (0.02±.008)
- Internal Diameter: 0.541±.304 (0.213±.012)
- Internal Length: 2.79±.304 (0.11±.012)
- Internal Width: 3.30±.99 (0.13±.039)
- Internal Height: 11.98±.508 (4.72±.02)
- Internal Diameter: 0.701±.508 (0.276±.02)

- Rating: .5A/125VAC
- Contact resistance: 50mΩ max
- Insulation resistance: 500VDC 100MΩ min
- Dielectric strength: 1000VAC for 1 minute

- Circuit: 2P SPST off-(on)

MOUSER STOCK NO.	Button Color
103-1018	Red
103-1019	Black

Mountain Switch

1-800-346-6873

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