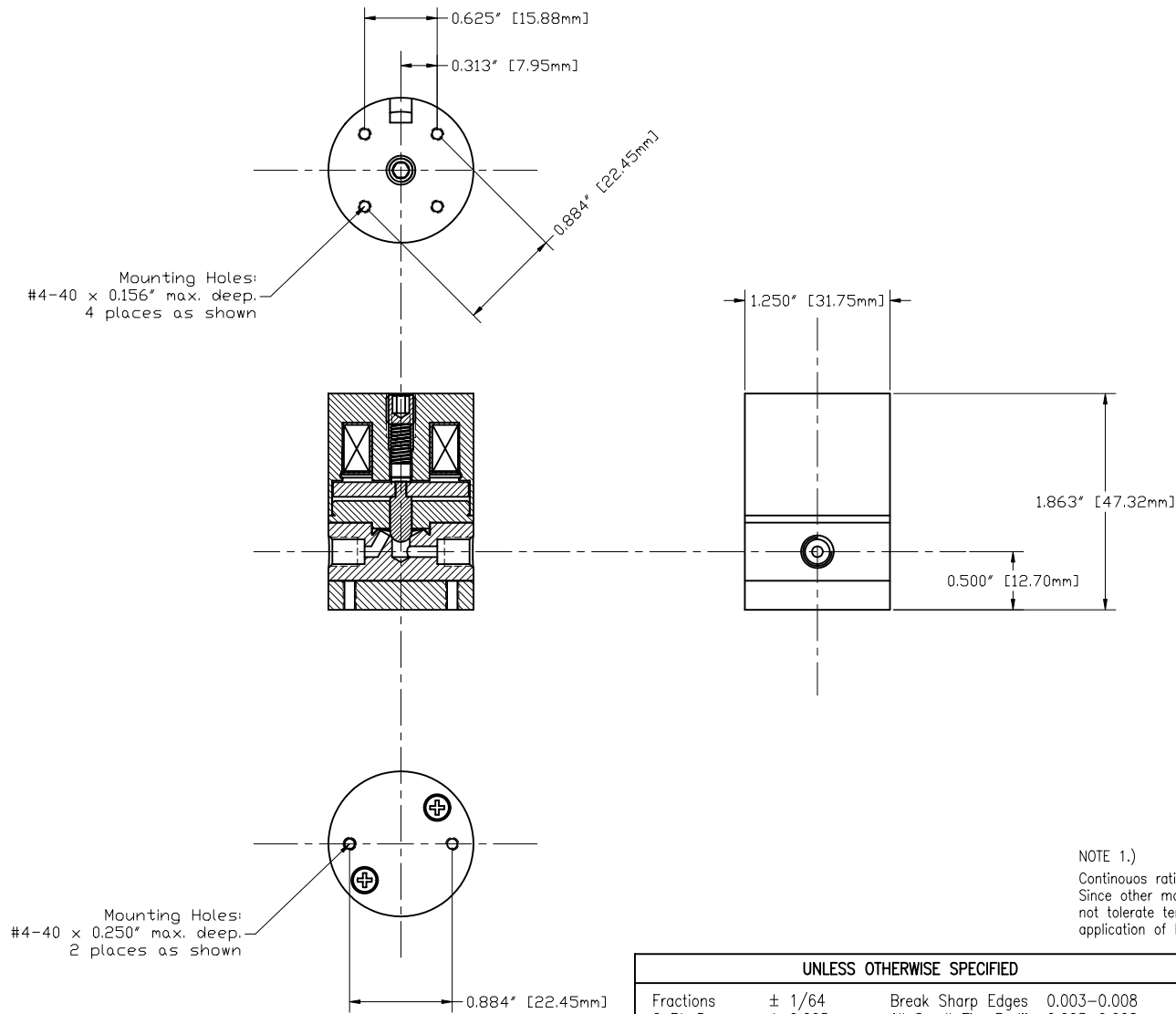


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SPECIFICATIONS:

- Mechanical:** (Each Port)
- TYPE: 2w Normally Closed
 - PORT CONNECTION: 1/4-28 Flat Bottom
 - NOMINAL ORIFICE: 0.093 in. (2.36 mm)
 - OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
 - TEST PRESSURE: 30 PSI N₂ (Less than 3µl/min. leakage.)
 - INTERNAL VOLUME: 157 microliters form bottom of ports.
 - WETTED MATERIALS: TEFLON®
 - MOUNTING ORIENTATION: Any Position
- Electrical:** (At 70° C No Pressure)
- OPERATING VOLTAGE: 24 VDC (continuous)
24 to 48 volts subject to duty cycle and/or holding voltage applied. (See note 1 below.)
 - POWER CONSUMPTION: 4.2 watts/24VDC (approx.)
 - LEAD WIRES: #22 AWG, TFE Insulated
Blue 18 in. (457 mm) long.
 - TEST VOLTAGE (ON): < 18 VDC
 - TEST VOLTAGE (OFF): 1 to 8 VDC
 - RESPONSE TIME (ON): 20ms Max. (24 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
 - RESPONSE TIME (OFF): 30ms Max. (from 24 VDC)
30 to 5 ms adjustable by driving circuits.

NOTE 1.) Continuous rating applies to solenoid construction only. Since other materials incorporated in the product may not tolerate temperature variations as well as the solenoid application of holding voltage is strongly recommended.

NOTICE: This product is protected by one or more of the following United States Patents: 4,496,133; 4,993,456; 5,143,118; Re. 34,261 5,433,244. Other Patents Pending.

| UNLESS OTHERWISE SPECIFIED | | | | Scale | 1 : 1 (B) | Material | As Noted |  |
|----------------------------|---------|-----------------------------------|-------------|-----------|--------------------|----------|-----------|---|
| Fractions | ± 1/64 | Break Sharp Edges | 0.003–0.008 | Dr. By | G Stevens | Date | 26–Jan–08 | |
| 2 Pl. Dec. | ± 0.005 | All Small Fin. Radii | 0.003–0.008 | Checked | | Approved | | |
| 3 Pl. Dec. | ± 0.002 | All surfaces shall be Concentric, | | Part Name | 360T012 2WNC 24VDC | | | |
| Angular | ± 0.06° | Parallel, Flat, Square and True | | | | | | |
| All Fin. Surf. | | to Each Other within 0.001 T.I.R. | | | | | | Drawing Number 360V257 |

