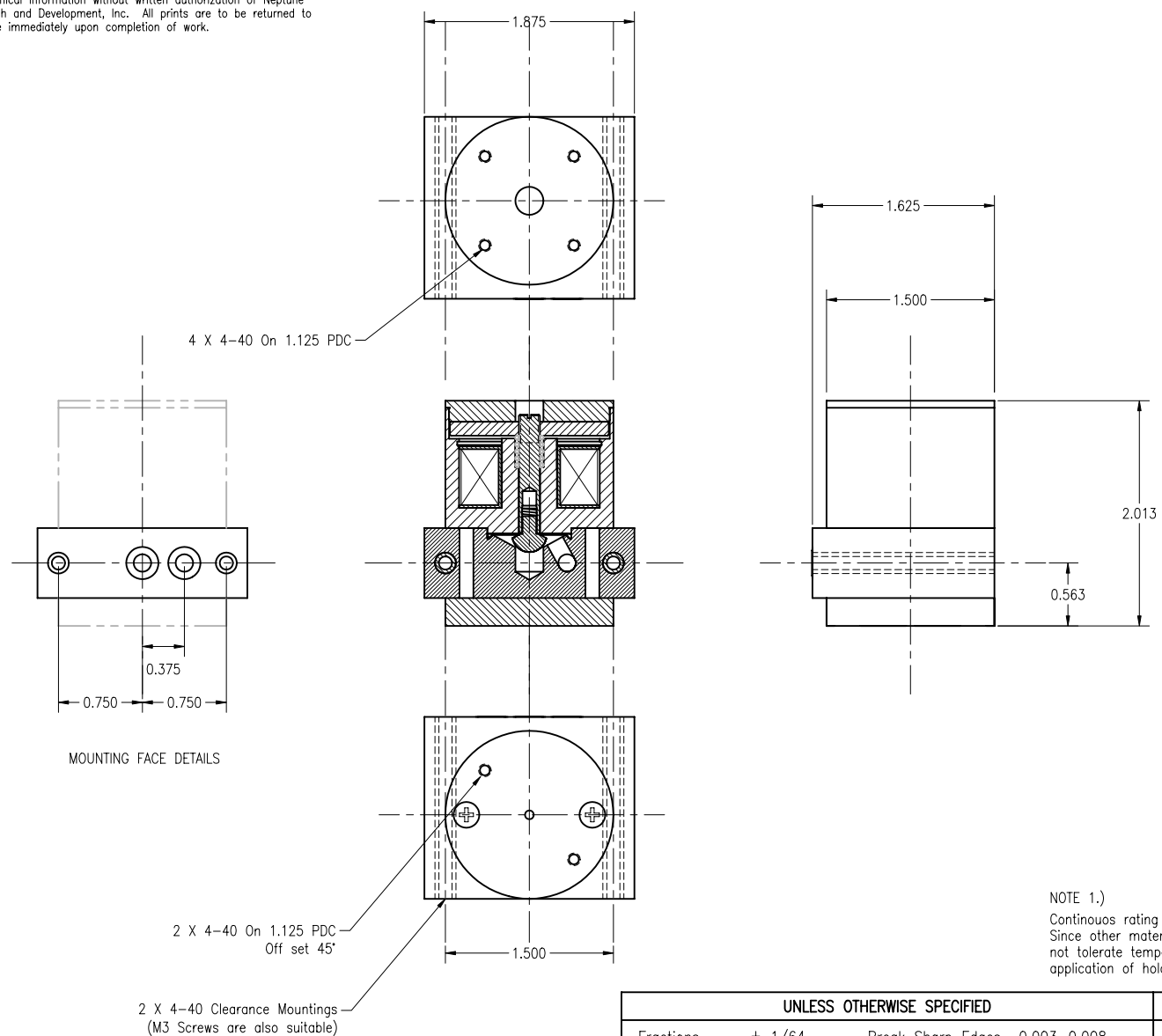


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SPECIFICATIONS:

Mechanical:

- TYPE: 2-Way NO Manifold Mount
- PORT CONNECTION: Manifold Mount — O-Rings
- NOMINAL ORIFICE: 0.156 In. (4.0 mm)
- OPERATING PRESSURE: Vacuum to 30 PSI (2.0 Bars)
- TEST PRESSURE: 30 PSI N₂ (Leakage < 3μl/min)
- INTERNAL VOLUME: 996.95 microliters from face of O-Ring ports.
- WETTED MATERIALS: TEFLON®
- MOUNTING ORIENTATION: Any Position


Electrical:

- (At 70° C No Pressure)
- OPERATING VOLTAGE: 24 VDC (Continuous, see note 1.)
24 to 48 volts subject to duty cycle and/or holding voltage applied.
- POWER CONSUMPTION: 7.2 watts/24VDC (approx.)
- LEAD WIRES: #22 AWG, TFE Insulated
Blue 18 in. (457 mm) long.
- TEST VOLTAGE (ON): < 18 VDC
- TEST VOLTAGE (OFF): 1.0 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.

Note: Valves supplied with 3 X 4mm X 1.8mm Viton O-Rings P/N FITM639 as standard

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		05–Jul–09
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				Drawing Number
Angular	± 0.06°	Parallel, Flat, Square and True		MMDT022RH 2W NO 24VDC			VALM638	
All Fin. Surf.		to Each Other within 0.001 T.I.R.						

