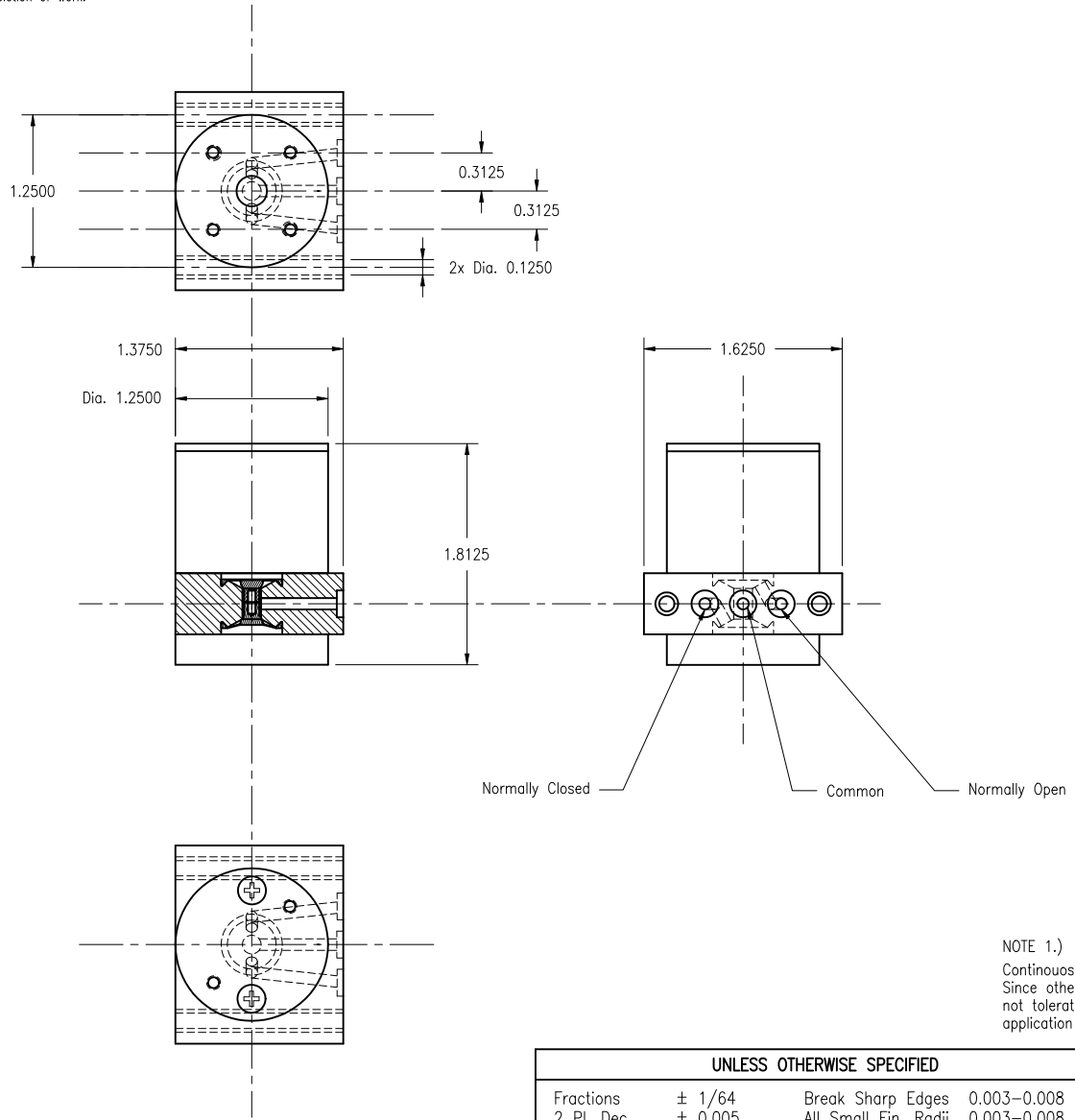


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SPECIFICATIONS:

Mechanical:

- (Each Port)
- TYPE: 3 Way High Pressure Diverter
- PORT CONNECTION: Manifold Mount, Viton O-rings 0.101 x 0.070
- NOMINAL ORIFICE: 0.093 In. (2.36 mm)
- OPERATING PRESSURE: Vacuum to 100 PSI (6.89 Bars)
- TEST PRESSURE: 100 PSI N₂ (Less Than 3µl/Min. Leakage)
- INTERNAL VOLUME: Total Internal Volume 418µl


- WETTED MATERIALS: PTFE & Viton O-ring seals
- MOUNTING ORIENTATION: Any Position

Electrical:

- (At 70° F, No Pressure Applied)
- OPERATING VOLTAGE: 24 VDC for 0.1 sec. then hold at 5.8 VDC
24 to 48 VDC Subject to duty cycle and/or holding voltage applied.
- POWER CONSUMPTION: 7.2 Watts at 24 VDC (Approximately)
- LEAD WIRES: #22 AWG, PTFE Insulated
Yellow/Blue 18 Inches long (457 mm)
- TEST VOLTAGE (ON): < 18 VDC at time of shipment.
- TEST VOLTAGE (OFF): 1.0 to 8.0 VDC at time of shipment.
- RESPONSE TIME (ON): < 20 ms at 24 VDC
5 to 20 ms subject to applied voltage and driving circuits.
- RESPONSE TIME (OFF): < 30 ms 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		02-28-2012
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003-0.008	Rev. By	F. Tarnok	Date		03-01-2012
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name		Drawing Number		
Angular	± 0.06°	Parallel, Flat, Square and True						
All Fin. Surf.		to Each Other within 0.001 T.I.R.		MMCT032HP		VALM953		

