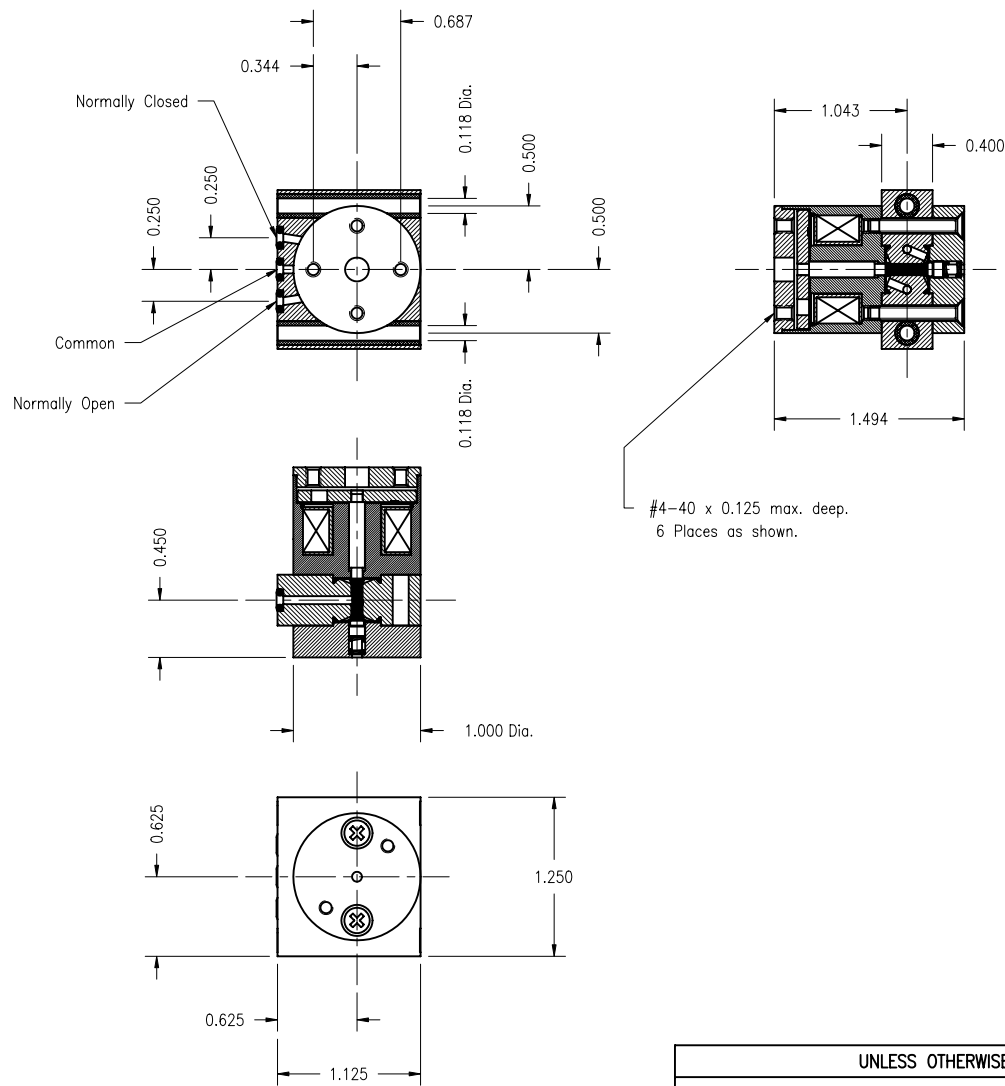


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SPECIFICATIONS:

Mechanical: (Each Port)

TYPE: 3w Diverter
PORT CONNECTION: 0.070 In. I.D. x 0.053 Viton O-Rings
NOMINAL ORIFICE: 0.062 In. (1.5 mm)
OPERATING PRESSURE: Vacum to 100 psi (6.89 bars)
TEST PRESSURE: 100 PSI N₂ (Less than 3µl/Min. Leakage.)
INTERNAL VOLUME: Consult factory


WETTED MATERIALS: TEFLON®
MOUNTING ORIENTATION: Any Position

Electrical: (At 70° F No Pressure)

OPERATING VOLTAGE: 12 VDC (Continuous) Note 1.)
12 to 24 VDC Subject to duty cycle and/or holding voltage applied.
POWER CONSUMPTION: 6.26 Watts at 12 VDC (Approximately)
LEAD WIRES: #26 AWG, TFE Insulated
White 18 Inches long (457 mm)
TEST VOLTAGE (ON): < 9 VDC at time of shipment.
TEST VOLTAGE (OFF): 0.5 to 4 VDC at time of shipment.
RESPONSE TIME (ON): < 20 ms at 12 VDC
5 to 20 ms subject to applied voltage and driving circuits.
RESPONSE TIME (OFF): < 30 ms from 12 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	A. Sule	Date	02-20-1997	
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003-0.008	Rev. By	F. Tarnok	Date	02-17-2009	
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name MMBT031HP				
Angular	± 0.06°	Parallel, Flat, Square and True						
All Fin. Surf.		to Each Other within 0.001 T.I.R.		Drawing Number .VALM879				

