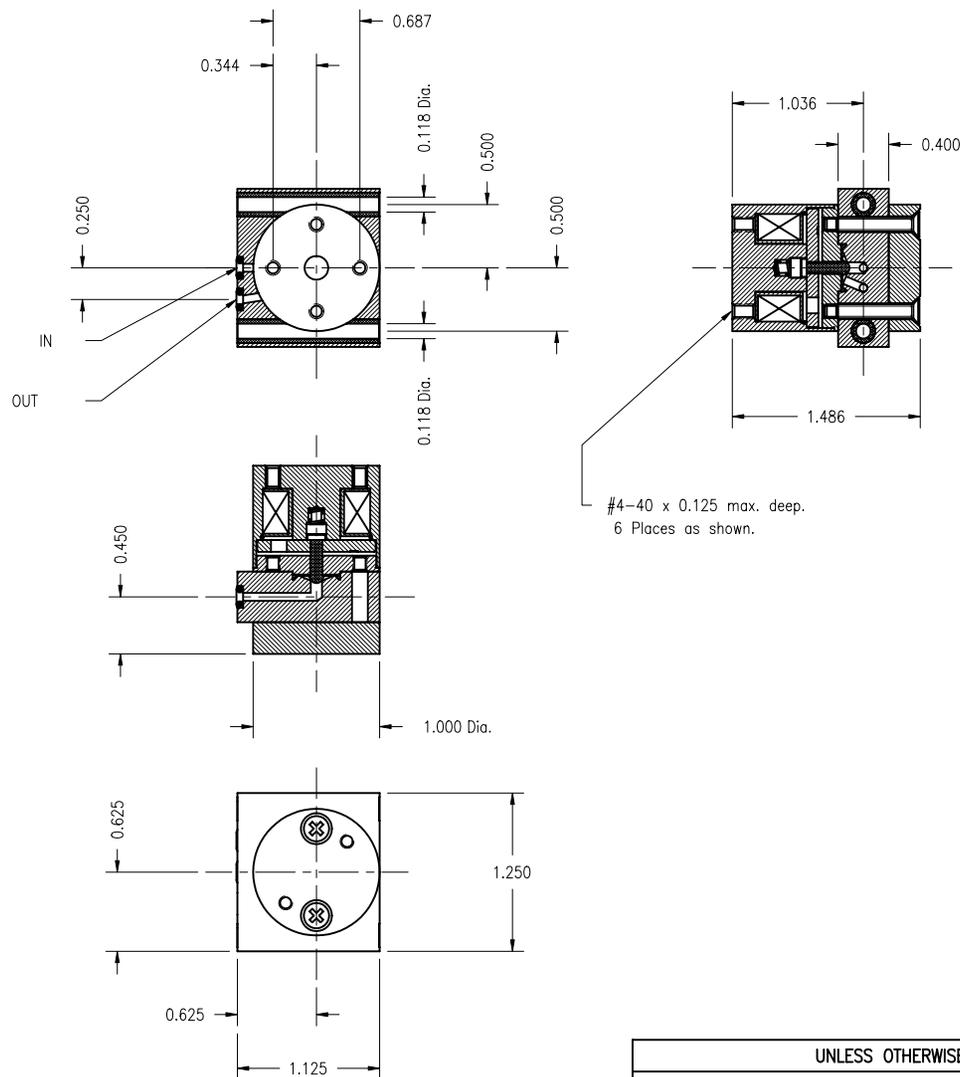


This drawing is NOT to be used for making reproductions thereof, or for making or using any apparatus, equipment, subject matter, or technical information without written authorization of Neptune Research and Development, Inc. All prints are to be returned to Neptune immediately upon completion of work.



SPECIFICATIONS:

Mechanical:

TYPE: 2w Normally Closed
 PORT CONNECTION: Viton O-Rings 0.070 x 0.053
 NOMINAL ORIFICE: 0.062 In. (1.5 mm)
 OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
 TEST PRESSURE: 30 PSI N₂ (No 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: 1.5 Watts at 12 VDC (Approximately)
 LEAD WIRES: #26 AWG, TFE Insulated
 Yellow 12 Inches long (305 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	Material
Fractions	± 1/64	1 : 1 (B)	As noted
2 Pl. Dec.	± 0.005	Dr. By	Date
3 Pl. Dec.	± 0.002	A. Sule	02-20-1997
Angular	± 0.06°	Checked	Approved
All Fin. Surf.		Part Name	
Break Sharp Edges	0.003-0.008	MMBT011RH	Drawing Number
All Small Fin. Radii	0.003-0.008		.VALM766
All surfaces shall be Concentric,			
Parallel, Flat, Square and True			
to Each Other within 0.001 T.I.R.			

