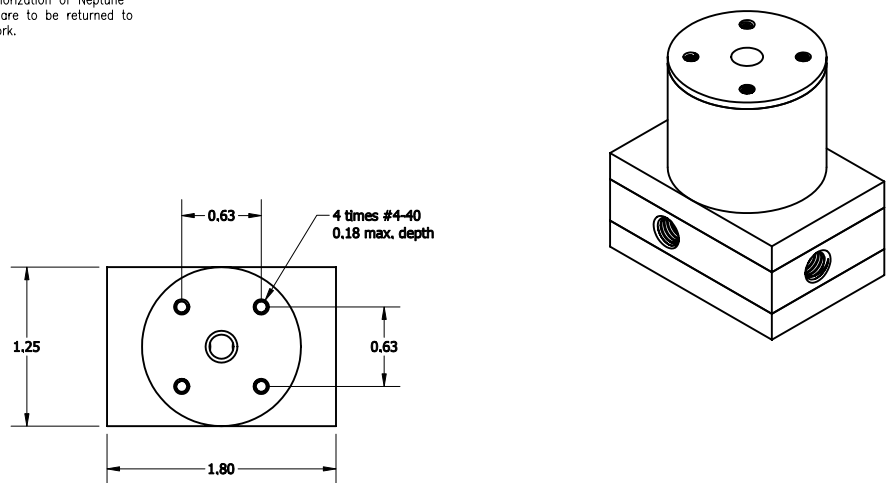


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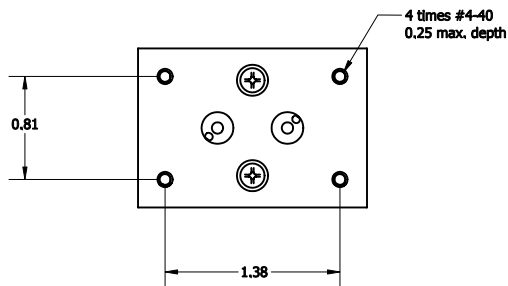
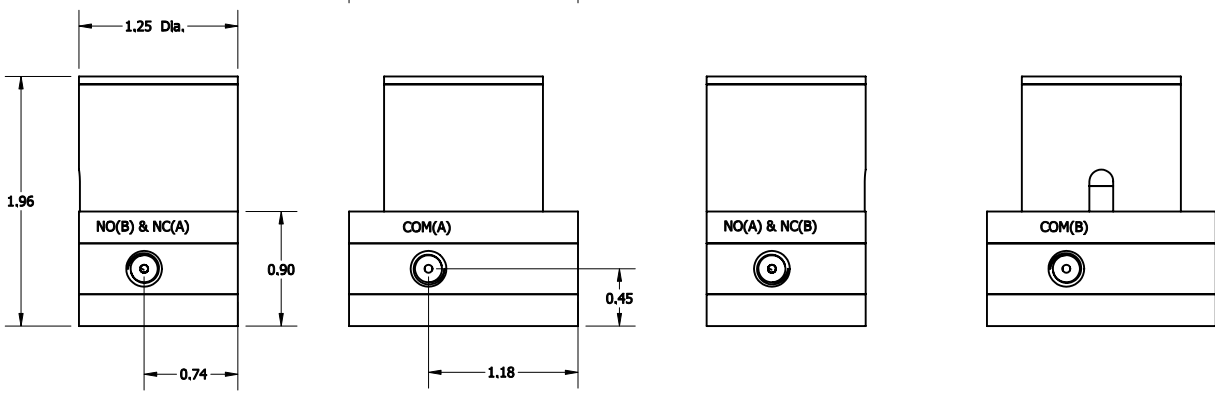
SPECIFICATIONS:

Mechanical: (Each Port)

- TYPE: Dual 3W Shuttle
- PORT CONNECTION: 1/4-28 Flat Bottom
- NOMINAL ORIFICE: 0.062 In. (1.5 mm)
- OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
- TEST PRESSURE: 30 PSI N₂ (Less than 3µl/Min. Leakage.)
- INTERNAL VOLUME: N/A microliters from bottom of ports.
- WETTED MATERIALS: TEFLON®
- MOUNTING ORIENTATION: Any Position


Electrical: (At 70° F No pressure Applied)

- OPERATING VOLTAGE: 12 VDC (continuous, see note 1 below.)
12 to 24 volts subject to duty cycle and/or holding voltage applied. (See note 1 below.)
- POWER CONSUMPTION: 4.24 watts at 12VDC (Approximately)
- LEAD WIRES: #22 AWG, TFE Insulated
Yellow 18 Inches (457 mm) long.
- TEST VOLTAGE (ON): < 9 VDC
- TEST VOLTAGE (OFF): 0.5 to 4 VDC
- RESPONSE TIME (ON): 20ms Max. (at 12 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
- RESPONSE TIME (OFF): 30ms Max. (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	F. Tarnok	Date		05-25-2011
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			SH360T041 Dual 3W 12VDC			VALM348
All Fin. Surf.		to Each Other within 0.001 T.I.R.						

