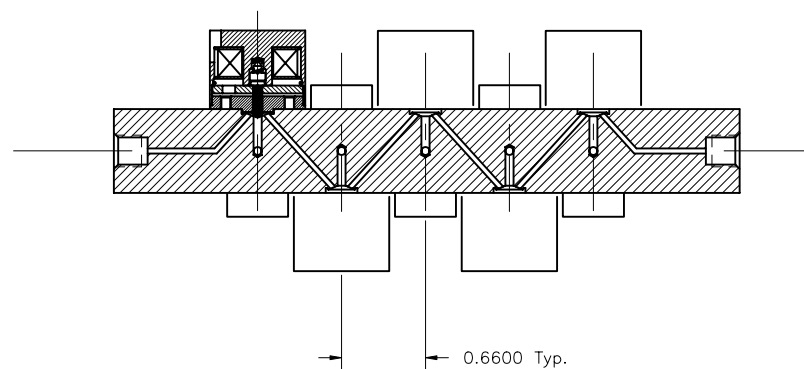


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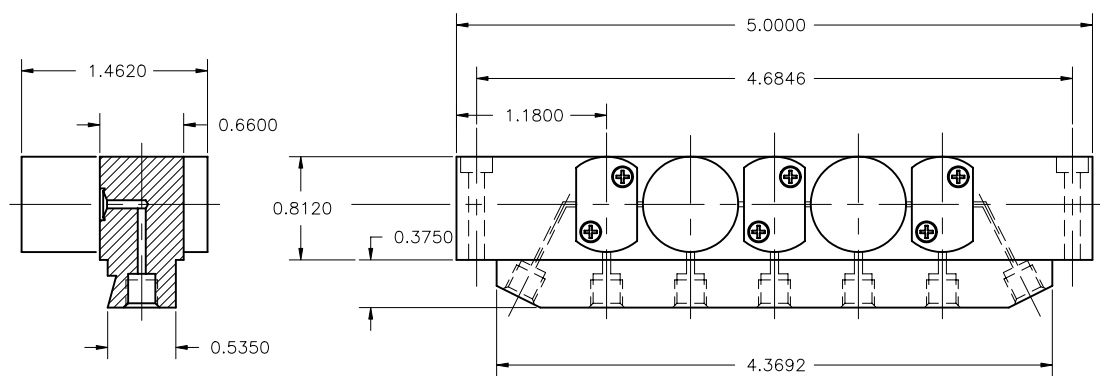
SPECIFICATIONS:

Mechanical:

- (Each Port)
- TYPE: 2w Normally Closed
- PORT CONNECTION: 1/4-28 Flat Bottom
- NOMINAL ORIFICE: 0.040 In. (1.0 mm)
- OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
- TEST PRESSURE: 30 PSI N₂ (No leakage)
- INTERNAL VOLUME: 269 microliters from bottom of ports.
- WETTED MATERIALS: TEFLON[®]
- MOUNTING ORIENTATION: Any Position


Electrical:

- (at 20° C No Pressure)
- OPERATING VOLTAGE: 12 vdc (see note 1.)
12 to 24 volts subject to duty cycle and / or holding voltage applied.
- POWER CONSUMPTION: 1.15 Watts/12 VDC (approx.)
- LEAD WIRES: #26 AWG, TFE Insulated
Blue 12 in. (305mm) long.
- TEST VOLTAGE (ON): < 9 VDC
- TEST VOLTAGE (OFF): 0.5 to 4 VDC
- RESPONSE TIME (ON): 20ms Max. (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 A. Sule		Date 07-19-1989		
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		.161T101 5xNC 12vdc		.161V281		
All Fin. Surf.		to Each Other within 0.001 T.I.R.						

