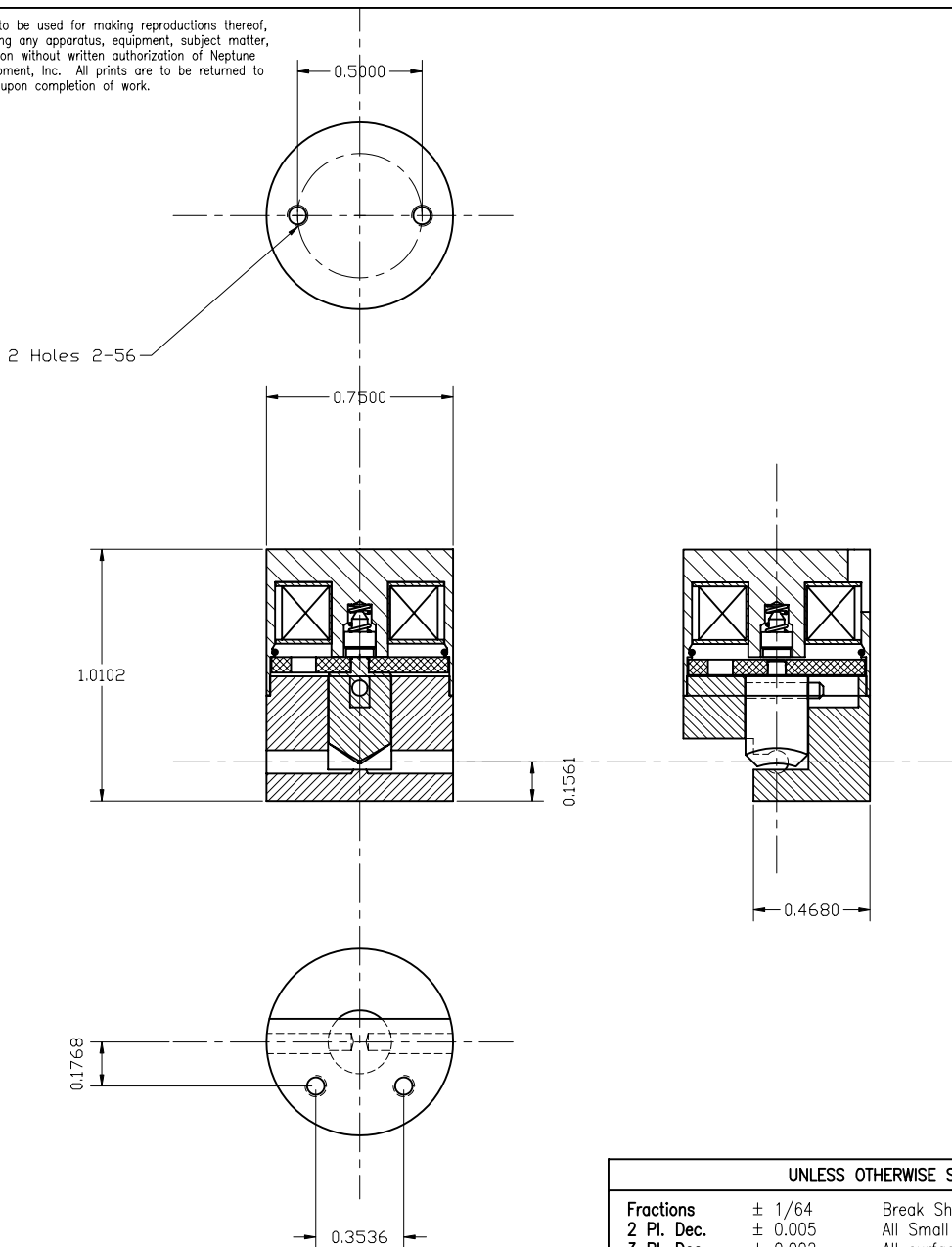


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**SPECIFICATIONS:**

- Mechanical:** (Each Port)
- TYPE: 2w Normally Closed
  - PORT CONNECTION: Tube 0.065 OD x 0.030 ID
  - NOMINAL ORIFICE: 0.030 In. (0.75 mm)
  - OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
  - TEST PRESSURE: 30 PSI N<sub>2</sub> (No leakage)
  - INTERNAL VOLUME: Not Applicable
- WETTED MATERIALS: Silicone Tube
- MOUNTING ORIENTATION: Any Position
- Electrical:** At 70° F ( No pressure applied )
- OPERATING VOLTAGE: 6 VDC ( Continuous ) See note 1.)  
6 to 12 volts subject to duty cycle and / or holding voltage applied.
  - POWER CONSUMPTION: 1.35 Watts / 6 VDC (approx.)
  - LEAD WIRES: #26 AWG, TFE Insulated  
White 18 in. ( about 450mm ) long.
  - TEST VOLTAGE (ON): < 4.5 VDC
  - TEST VOLTAGE (OFF): 0.1 to 2 VDC
  - RESPONSE TIME (ON): 20ms Max. (6 VDC)  
*5 to 20 ms subject to applied voltage and driving circuits.*
  - RESPONSE TIME (OFF): 30ms Max. (from 6 VDC)  
*30 to 5 ms adjustable by driving circuits.*
- SPECIAL NOTE: Response time is for the valve only  
*The tube response time will vary from one to another as will duty life of tube.*

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	2 : 1 (B)		Material	As Noted			
Fractions	± 1/64	Break Sharp Edges	0.003-0.008	Dr. By	G Stevens		Date	03-23-2002			
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003-0.008	Rev.	F. Tarnok		Date	02-27-2008			
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Part Name							
Angular	± 0.06°	Parallel, Flat, Square and True									
All Fin. Surf.		to Each Other within 0.001 T.I.R.		.161P010 1xNC 6VDC						Drawing Number	.161V280

