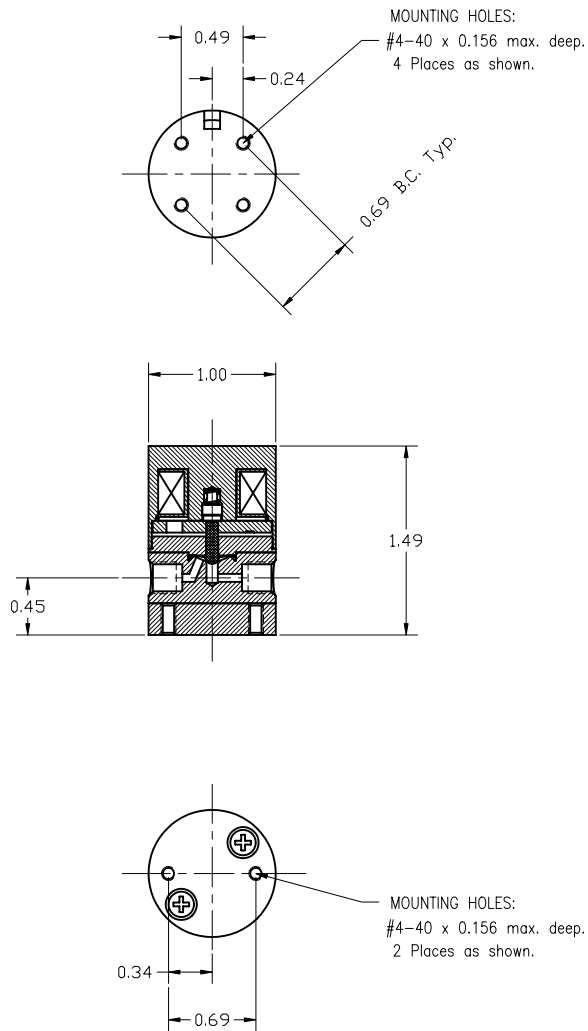


This drawing is NOT to be used for making reproductions thereof, or for making or using any apparatus, equipment, subject matter, or technical information without written authorization of Neptune Research and Development, Inc. All prints are to be returned to Neptune immediately upon completion of work.



SPECIFICATIONS:

- Mechanical:**
- TYPE: 2w Normally Closed
 - PORT CONNECTION: 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 (No leakage)
 - INTERNAL VOLUME: Consult factory
 - WETTED MATERIALS: Kel-F[®]
 - 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 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
2 Pl. Dec.	± 0.005	All Small Fin. Radii	0.003-0.008	Date 02-04-2008
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,		Checked
Angular	± 0.06°	Parallel, Flat, Square and True		Approved
All Fin. Surf.		to Each Other within 0.001 T.I.R.	Part Name	
			225K011 2wNC 12vdc	Drawing Number
				225V252

