

Open Frame Latching Solenoid

(Reference #04004)

Description:

This open frame latching solenoid was originally designed for use in a low pressure gas supply valve. The compact design and low cost construction allow for flexibility in a variety of applications. This product can be designed for a variety of voltage requirements as an on-off design with the mechanism suited to either push or pull. It can also be designed as either a latching or non-latching valve solenoid.



Features:

- Compact design
- Low cost construction
- Can be optimized to configure with customer power requirements
- Low power consumption, enabling battery operation

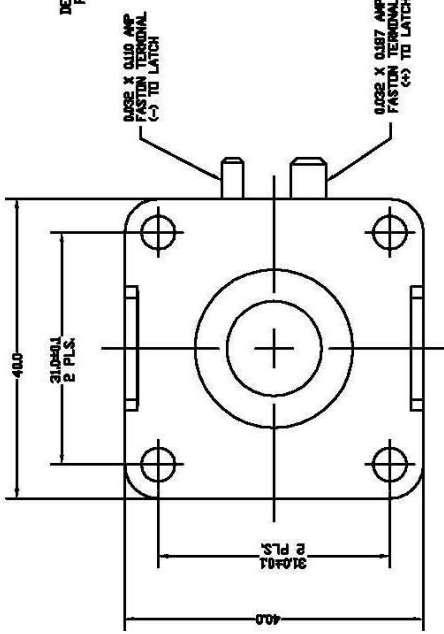
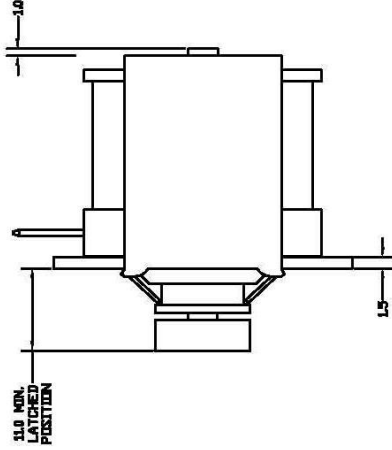
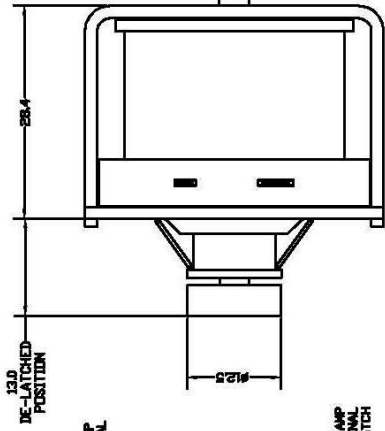
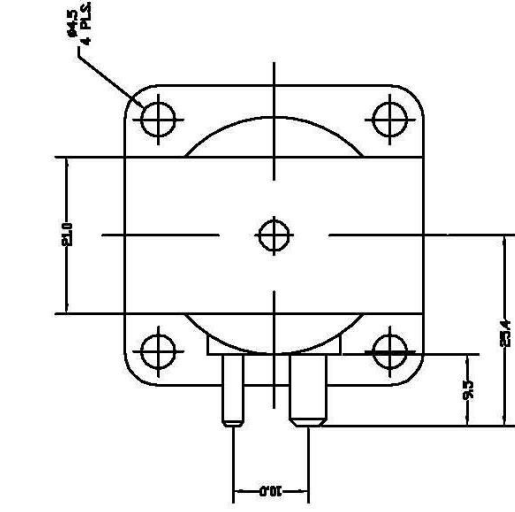
Specifications:

English (metric as applies)

Stroke (can be designed to specification)	.079 in (2.0 mm)
Net Pull Force (designed to specification)	TBD
Supply Voltage	2.5 to 3.2 Vdc
Operating Temperature Range	-4 to 225°F (-20 to 107°C)
Resistance at 20°C	1.6 Ω
Durability	1M cycles min
Spring Load (de-energized position)	.674 lb (3.0 N)
Valve Seat Material	NBR rubber

Possible applications:

- Electric locks
- Computer case lock
- Business machines
- ATM machines
- Battery operated locks
- Vending equipment
- Supply cabinets
- Supply valves



REV.	ECR	DATE	CHANGE DESCRIPTION
			TLX TECHNOLOGIES
<p>STANDARD DIMENSIONAL TERMS ARE: DIMENSIONS IN L J ARE IN IN. ANGULAR DIMENSIONS ARE ± 1°</p> <p>1 DECIMAL POINT (D) IS ± .020 2 DECIMAL POINT (DD) IS ± .010 3 DECIMAL POINT (DDD) IS ± .005 4 DECIMAL POINT (DDDD) IS ± .0001</p> <p>G.D & T PER ANSI 14.2M</p> <p>UNLESS SPECIFIED DO NOT SCALE FROM DRAWING</p> <p>Drawn By: JRW Chk By: []</p> <p>Drawn Date: 01/20/04 Chk Date: []</p>			<p>THIS PRINT AND THE INFORMATION THEREIN IS CONFIDENTIAL AND PROPRIETARY AND IS THE PROPERTY OF TLX Technologies. IT IS NOT TO BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF TLX Technologies.</p> <p>Description: LATCHING SOLENOID</p>
<p>PERFORMANCE SPECIFICATION</p> <p>SUPPLY VOLTAGE: 2.4 TO 3.2 VDC</p> <p>COIL RESISTANCE@20 °C: TBD OHMS</p> <p>STROKE: 2.0 MM (REF.)</p> <p>SPRING LOAD: 3.0 N (REF.)</p> <p>DE-ENERGIZED POSITION: TBD</p> <p>NET PULL FORCE: TBD</p> <p>OPERATING TEMPERATURE: -20°C TO 107°C</p> <p>VALVE SEAT MATERIAL: NBR RUBBER</p> <p>DURABILITY: 1M CYCLES MIN.</p>			<p>SPECIFICATIONS</p> <p>Material:</p> <p>Surface Treatment: Remove All Burrs.</p> <p>CAD File No. 04004.900-B</p>
<p>04004.900</p>			<p>Revision: B</p>