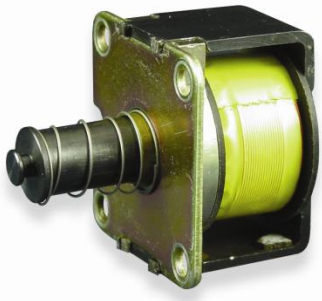
Open Frame Latching Solenoid

Description:

This example of latching technology 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. 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.

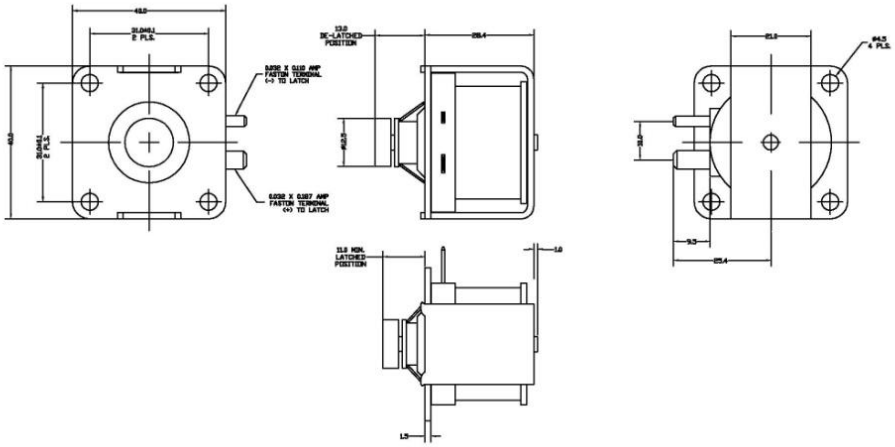


Features:

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

Possible Applications:

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



Example 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	2.4 to 3.2 Vdc
Operating Temperature Range	-4 to 225°F (-20 to 107°C)
Coil Resistance at 20˚C	TBD Ω
Durability	>1M cycles
Spring Load (de-energized position)	.674 lb (3.0 N)
Valve Seat Material	NBR rubber

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