

Two-Position Latching Solenoid

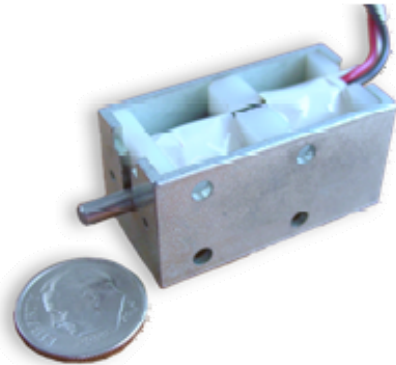
(Reference #98008)

Description:

Dual position (permanent magnet) latching solenoid designed for use in business equipment or consumer products requiring a lock, latch or tamper proof security device. Strokes, force, voltage and package size are flexible depending upon customer requirements.

Features:

- Compact design
- Low cost
- Can be optimized for specific load shifting capability
- Can be optimized to configure with customer power requirements



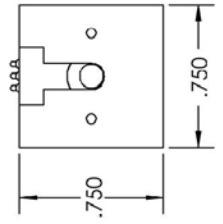
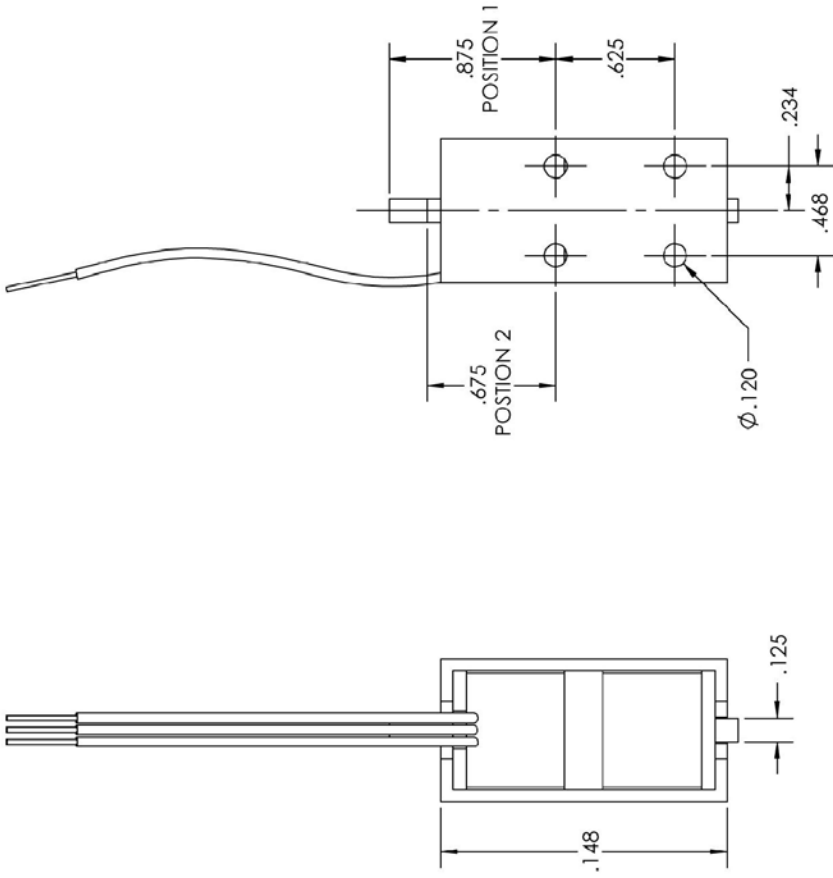
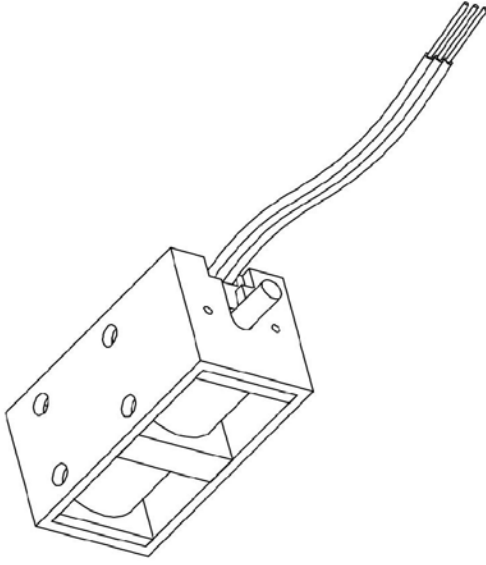
Specifications:

English (metric as applies)

Stroke (can be designed to specification)	0.20 inch (5.1 mm)
Holding force	1.25 lbs (5.6 N)
Supply voltage	12 or 24 Vdc
Operating temperature range	-40 to 140°F (-40 to 60°C)
Resistance at 20 °C	12 Ω
Durability	>100M cycles
Duty Rating (%ED)	100 % ED
Side load	100 lbs (220 N) min

Possible applications:

- Electric locks
- Business equipment
- Computer case lock
- Computer docking station lock
- Business machines
- ATM machines
- Battery operated locks
- Vending equipment
- Medical supply cabinets
- Other



TYPICAL SPECIFICATIONS	
STROKE	.20 INCH (5.1mm)
HOLDING FORCE	1.25 LBS (5.6N)
RESISTANCE @ 20°C	12 OHMS
SUPPLY VOLTAGE	12 OR 24 VDC
DUTY RATING (%ED)	100%
OPERATING TEMPERATURE RANGE	-40 TO 140 °F (-40 TO 60 °C)
SIDE LOAD	> 100 LBS (220 N)
DURABILITY	> 100M CYCLES

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		JDM	9/9/9999
TOLERANCES:		DRAWN	
ANGULAR: 1°		CHECKED	
TWO PLACE DECIMAL ±.01		ENG APPR.	
THREE PLACE DECIMAL ±.005		MFG APPR.	
INTERPRET GEOMETRIC TOLERANCING PER:		G.A.	
MATERIAL		COMMENTS:	
FINISH			
DO NOT SCALE DRAWING			

TLX TECHNOLOGIES

TITLE: **BI-DIRECTIONAL LATCHING SOLENOID**

SIZE DWG. NO. **B 98008-WEB** REV **---**

SCALE: 1:1 WEIGHT: SHEET 1 OF 1

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