

# DC Latching Solenoid

## Model 11L



1425 Lake Avenue, Woodstock, IL 60098

### Features:

- Ideal for battery operation
- Fail safe in energized position
- RoHS Compliant
- UL recognized
- Coil Termination: 3/16" QC terminals

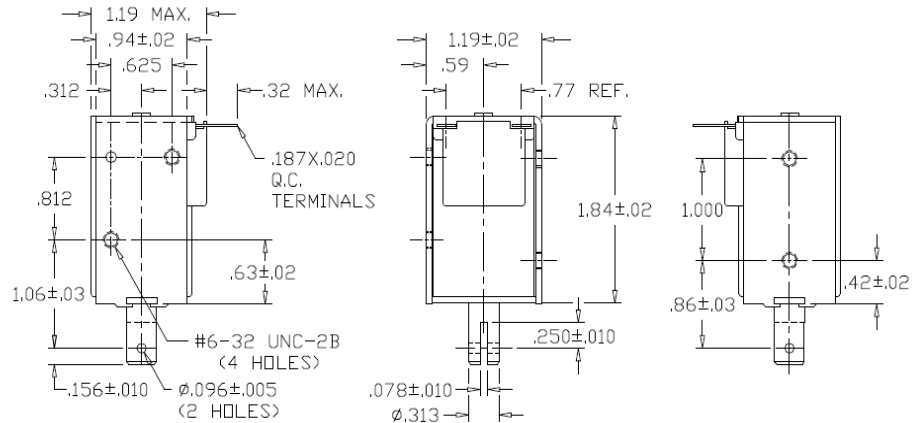
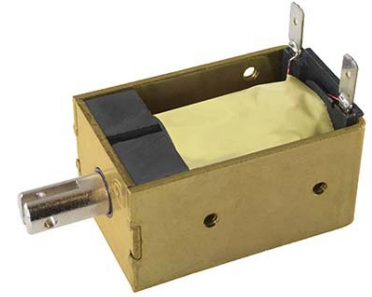
### Electrical:

- Coil Voltages: 12, 24 VDC standard
- Duty Cycle: 100% Continuous
- Coil treatment: Tape Wrapped
- Insulation Class: Class A Rating - 105° C (221° F)
- Dielectric Strength: 1500V 60 Hz

### Mechanical:

- Size: 1.84" (L) x 1.19" (W) x 1.19" (H)
- Plunger Diameter: 0.313"
- Plunger Guide Material: Plastic
- Mounting: 4 - #6-32 holes
- Weight: Plunger 0.6 oz, Total 5.2 oz
- Life Expectancy: 1 Million Cycles<sup>1</sup>

<sup>1</sup> - Dependent on load conditions



Solenoid shown with plunger fully seated in latched position

### Standard Part Numbers

Model No.	Part No.	Duty Cycle	Voltage	Resistance <sup>2</sup> (Ω)	Power (W)	Current
11L-C-12D	A420-067860-00	Cont.	12VDC	35	4.3	343 mA
11L-C-24D	A420-067862-00	Cont.	24VDC	146	4.1	164 mA

<sup>2</sup> - Coil resistance tolerance +/- 5%

Contact us for custom voltages or duty cycles

**Available Customization:**

- Plunger/ Return Spring
- DC Voltage / Duty Cycle
- Termination
- Insulation systems up to class H 180° C (356° F)

**\* Minimum quantities apply**

Stroke (in.)	Typical Push Force Ounces [N] @ 20°C (68°F) (Distance from fully seated, latched position)							HOLDING FORCE Ounces [N]
	0.050	0.125	0.250	0.375	0.500	0.625	0.750	
Continuous 100%	35 [9.7]	20 [5.6]	14 [3.9]	6 [1.7]	4 [1.1]	2 [0.6]	1 [0.3]	96 [26.7]

Continuous Duty 100% = 100% On Time



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