

DC Latching Solenoid

Model 28L



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

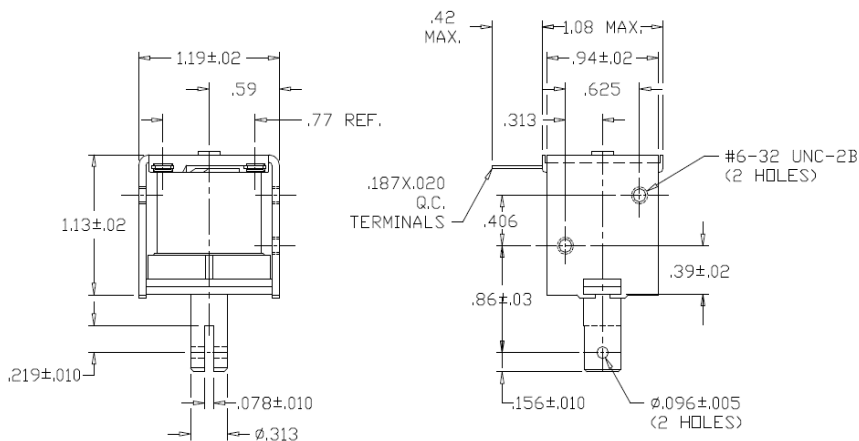
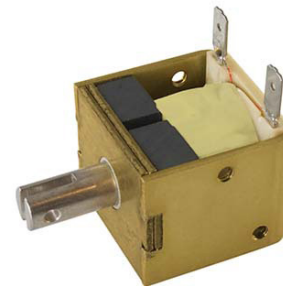
Electrical:

- 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: 1.13" (L) x 1.19" (W) x 1.08" (H)
- Plunger Diameter: 0.313"
- Plunger Guide Material: Plastic
- Mounting: 2 - #6-32 holes
- Weight: Plunger 0.3 oz, Total 1.7 oz
- Life Expectancy: 1 Million Cycles¹

¹ - Dependent on load conditions



Solenoid shown with plunger fully seated in latched position

Standard Part Numbers

Model No.	Part No.	Duty Cycle	Voltage	Resistance ² (Ω)	Power (W)	Current
28L-C-12D	A420-067916-00	Cont.	12VDC	24	6.3	500 mA
28L-C-24D	A420-067918-00	Cont.	24VDC	96	6.3	250 mA

² - Coil resistance tolerance +/- 5%

Contact us for custom voltages or duty cycles

Available Customization:

- Plunger/ Return Spring
- DC Voltage / Duty Cycle
- Terminals
- 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	
Continuous 100%	25 [7.0]	10 [2.85]	4 [1.1]	2 [0.6]	1 [0.3]	48 [13.3]

Continuous Duty 100% = 100% On Time



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