



**Pontiac Coil**

2110 Queensway Searcy, AR 72143

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# Model L-82 DC Solenoid Open Frame, Pull Type

**Pontiac Coil - Arkansas is an ISO 9001:2000 Certified Company**

\*Resistance values are  $\pm 10\%$  at 25°C

Model Code	Part No.	Voltage	Duty Cycle	Power (W)	Resistance ( $\Omega$ )*	Current (A)
L-82PL012D-C	F0441A	12VDC	Continuous	7.5	19.2	0.7
L-82PL012D-I	F0442A	12VDC	Intermittent	19	7.6	1.6
L-82PL024D-C	F0443A	24VDC	Continuous	7.5	76.8	0.4
L-82PL024D-I	F0444A	24VDC	Intermittent	19	30.3	0.8

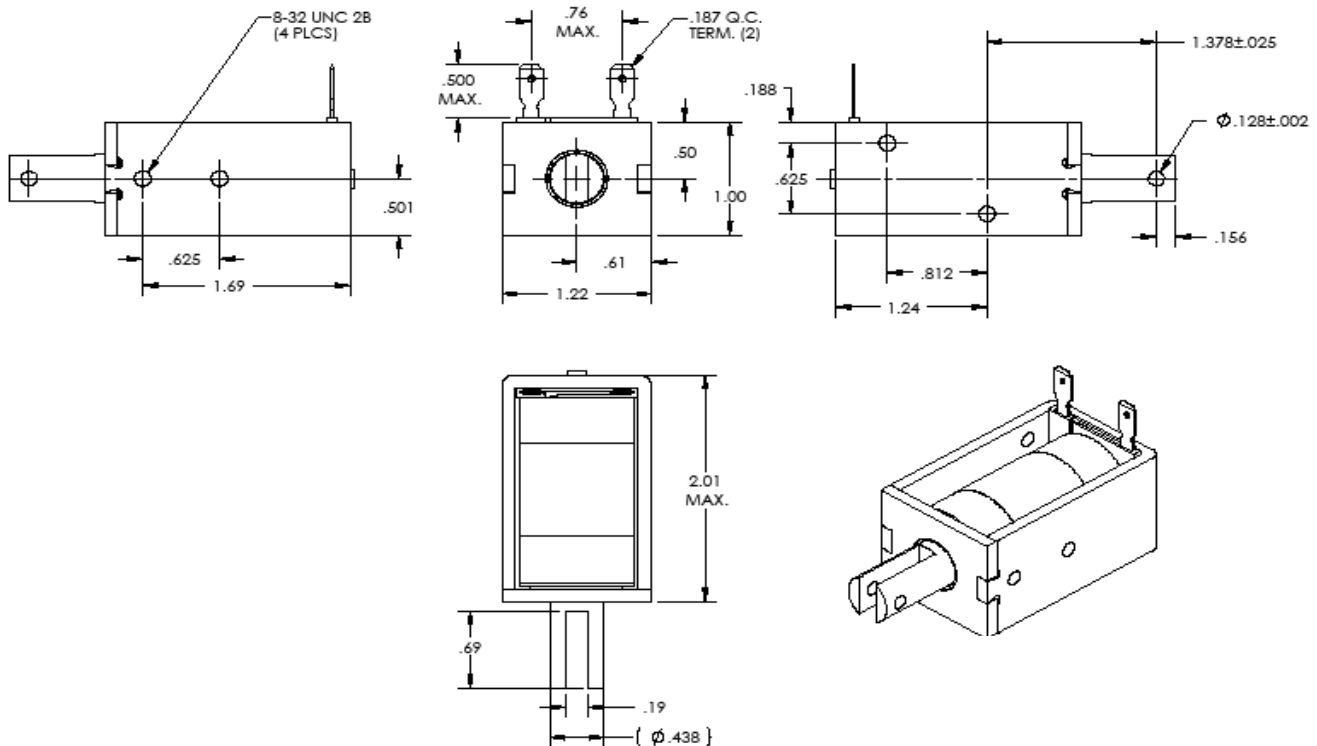
Definition of Duty Cycles:

**Continuous** = indefinite activation; **Intermittent** = 1 minute ON and 3 minutes OFF; **Pulse** = 100 msec. ON and 900 msec. OFF

**Special order options: 6 to 48 Volts DC or AC. Consult factory for other available modifications.**

Stroke (in.):	Sealed	1/16	1/8	1/4	3/8	1/2	5/8	3/4
Cont. Duty force	165 oz.	55 oz.	40 oz.	19 oz.	10 oz.	5 oz.	3 oz.	2 oz.
Int. Duty force	200 oz.	92 oz.	70 oz.	43 oz.	24 oz.	14 oz.	9 oz.	7 oz.

Typical force values when operated at 100% rated voltage at 25°C. Derating required for lower voltage and higher temperature.



Solenoid shown energized, with plunger seated

**Insulation Materials: UL Construction, Class B 130°C**

**Copper magnet wire insulation rated 155°C (class F)**

**Voltage Breakdown Strength: 1500 VAC RMS**

**Life Expectancy: 10 million operations**