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sales@integrated-circuit.com



Pontiac Coil

2110 Queensway Searcy, AR 72143
Phone 501-268-6877 Website: www.pontiaccoil.com

Model L-22 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 (Ω)*	Current (A)
L-22PL012D-C	F0411A	12VDC	Continuous	4	36.0	0.4
L-22PL012D-I	F0412A	12VDC	Intermittent	8.5	16.9	0.7
L-22PL024D-C	F0413A	24VDC	Continuous	4	144.0	0.2
L-22PL024D-I	F0414A	24VDC	Intermittent	8.5	68.0	0.4

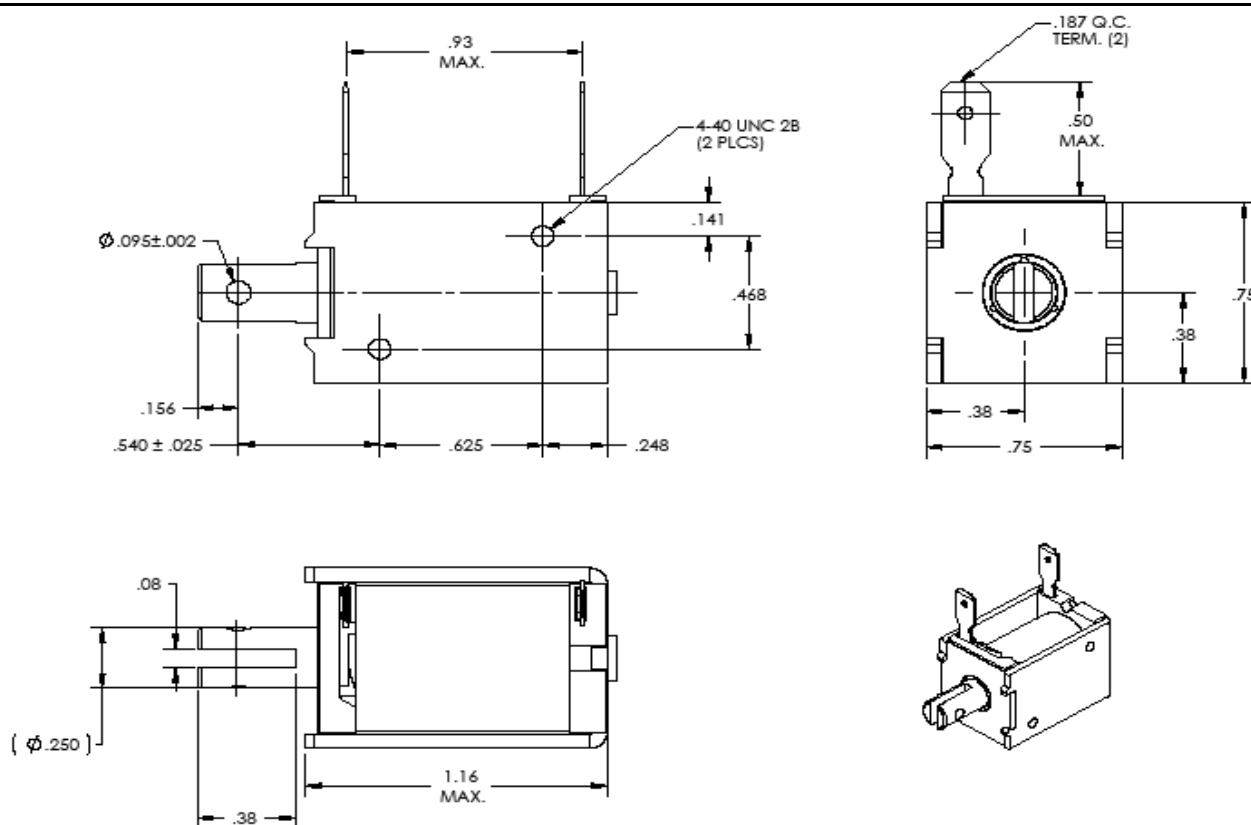
Definition of Duty Cycles:

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; push-type configuration. Consult factory for other modifications.

Stroke (in.):	Sealed	1/16	1/8	1/4	3/8	1/2
Cont. Duty force	41 oz.	13 oz.	5 oz.	2 oz.	1 oz.	N/A
Int. Duty force	46 oz.	22 oz.	10 oz.	3 oz.	2 oz.	1 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