



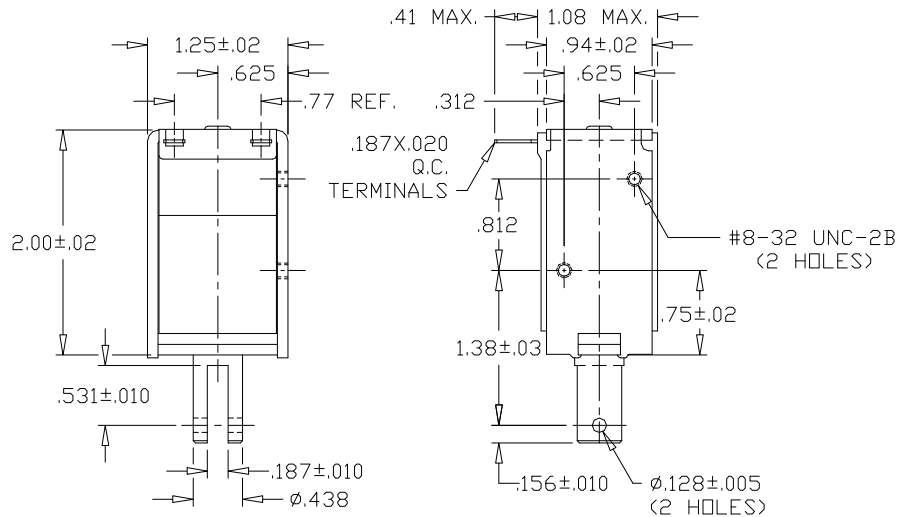
GUARDIAN Electric Manufacturing

ISO 9001 / AS9100 Certified Company

Woodstock, IL 60098 Ph. (815)334-3600 Fax (815)337-0377

Or visit us at our website www.guardian-electric.com

Model 11HD AC Frame Solenoid



Solenoid shown energized and fully seated.

Spring kits are available (consult factory).

Total Weight: 8.0 oz.

Plunger Weight: 1.0 oz.


Model No.	Part No.	Duty Cycle	Volts	Res. (Ω)	Power (VA)	Current, Seated (mA)
11HD-I-120A	A420-065757-00	*Intermittent	120	75	40	333
11HD-C-120A	A420-065756-00	Continuous	120	165	16	133
11HD-I-240A	A420-065759-00	*Intermittent	240	300	40	167
11HD-C-240A	A420-065758-00	Continuous	240	660	16	67

When ordering, please refer to Part No., as listed above.

Consult factory for custom configurations.

Stroke (in.)	Pull Force (oz.)							Holding Force (oz.)
	0.125	0.250	0.375	0.500	0.625	0.750	1.000	
Continuous Duty	12	10	10	9	8	7	3	50
*Intermittent Duty	24	20	19	18	17	16	7	85

UL Recognition

Recognized under the  Component Recognition Program of **Underwriters Laboratories, Inc.**

Continuous Duty

100% 'On' Time

*Intermittent Duty

20% 'On' Time, (240 Seconds 'On' Max. Followed By 960 Seconds 'Off' Min.)

RoHS

These parts comply with **RoHS** Directive 2002/95/EC