



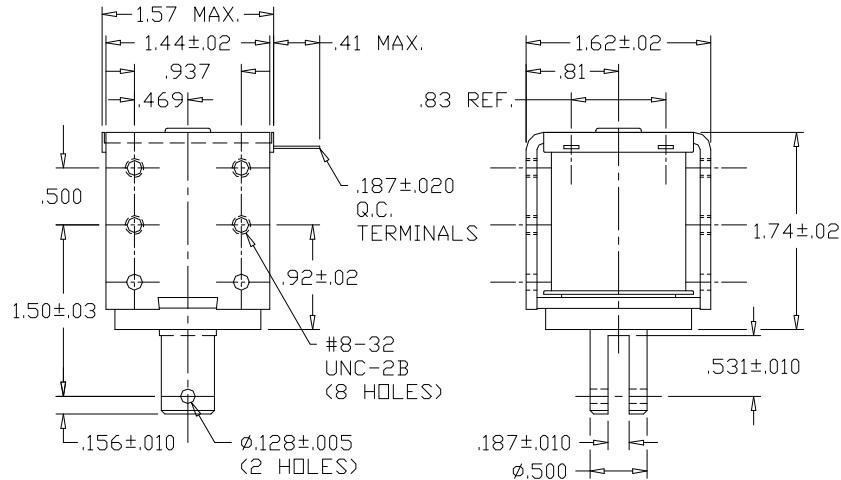
GUARDIAN Electric Manufacturing

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 3HD AC Frame Solenoid



Solenoid shown energized and fully seated.

Spring kits are available (consult factory).

Total Weight: 12.0 oz.

Plunger Weight: 1.4 oz.


Model No.	Part No.	Duty Cycle	Volts	Res. (Ω)	Power (VA)	Current, Seated (mA)
3HD-I-120A	A420-065917-00	*Intermittent	120	23	103	858
3HD-C-120A	A420-065916-00	Continuous	120	100	20	167
3HD-I-240A	A420-065919-00	*Intermittent	240	100	103	429
3HD-C-240A	A420-065918-00	Continuous	240	400	20	83

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	26	23	22	21	18	14	7	43
*Intermittent Duty	88	75	70	66	54	40	8	88

UL Recognition

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

Continuous Duty

100% 'On' Time

*Intermittent Duty

25% 'On' Time, (240 Seconds 'On' Max. Followed By 720 Seconds 'Off' Min.)

RoHS

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