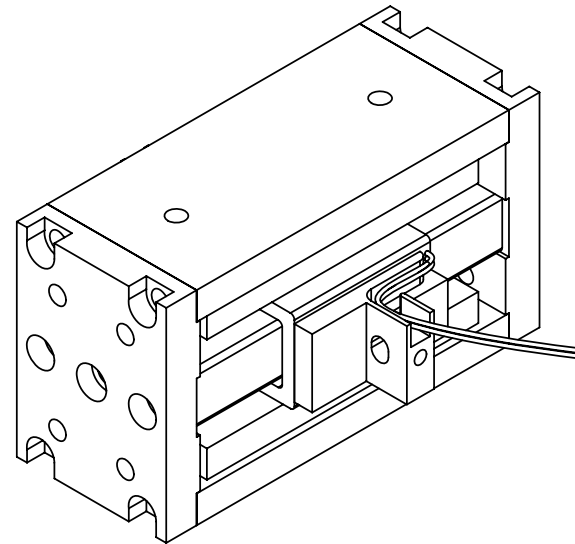
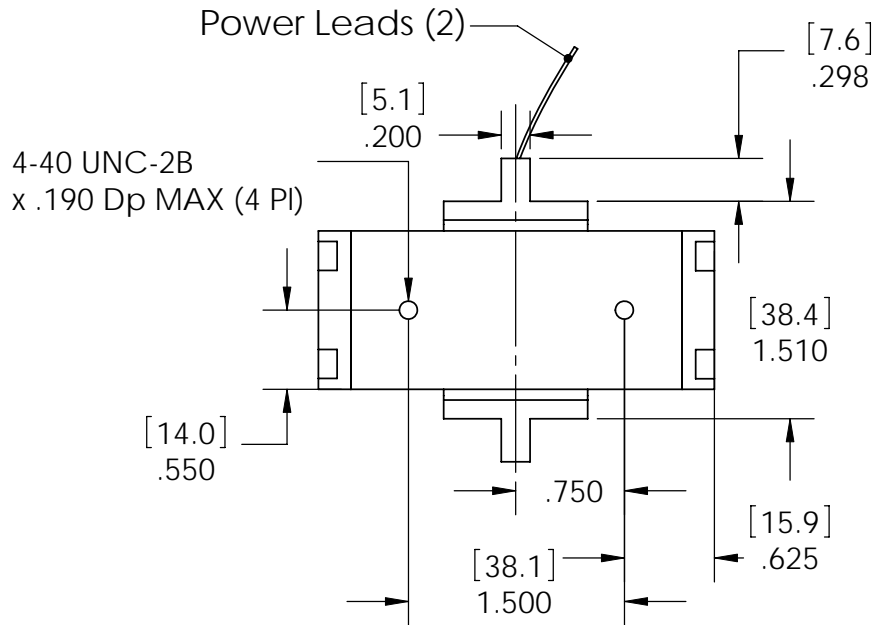
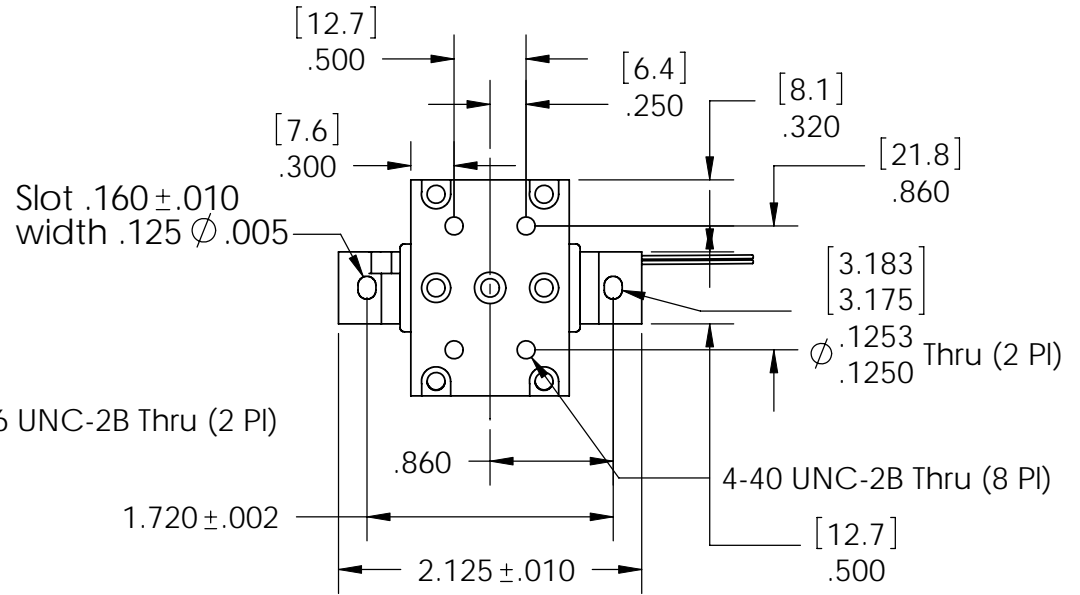
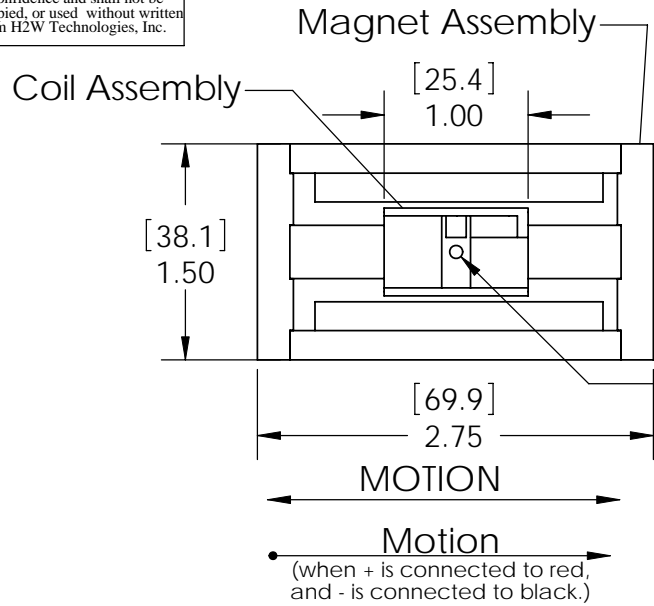


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc.



UNLESS SPECIFIED OTHERWISE:  
All dimensions are in inches  
Standard Tolerances are as follows  
.XXX  $\pm .005$  ANGLES  $\pm 1^\circ$   
XX  $\pm .010$  FILLETS AND  
X  $\pm .020$  CORNERS .010  
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN OOG	DATE 11-5-02	APPROVED MPW	DATE 11-5-02

TITLE			
Moving Coil Non-Comm Actuator (Rectangular) Model# NCC10-15-1RC			
DWG #	REV	ECN	
30-0151	B	EC1258	

**H2W Technologies, Inc.**

28310-C Ave Crocker Valencia, CA 91355 USA  
Tel: (661)-702-9346 Fax: (661)-702-9348  
www.h2wtech.com

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC10-15-027-1RC	
Stroke	1.00"	25.4 mm
Radial Clearance	0.025" per side	0.64 mm per side
Bearing Type	None Provided	
Moving Mass	0.09 lbs	39 grams
Total Mass	1.06 lbs	480 grams
Resistance @ 20C	5.6 ohms	
Inductance @ 20C	5.9 mH	
Electrical Time Constant	1.05 msec	
Motor Constant	0.85 LBS/SQRT(Watt)	3.76 N/SQRT(Watt)
Force Constant	2.0 LBS/Amp	8.88 N/Amp
Back EMF	0.23 V/ips	8.88 V/m/sec
Continuous Force	2.7 LBS	12.0 N
Max Power @ 100% Duty	10 Watts	
Peak Force	7.0 LBS	31.2 N
Max Power @ 10% Duty	68 Watts	

TITLE		
Moving Coil Non-Comm Actuator (Rectangular) <b>Model# NCC10-15-1RC</b>		
DWG #	REV	SHEET
<b>30-0151</b>	<b>B</b>	2 of 2