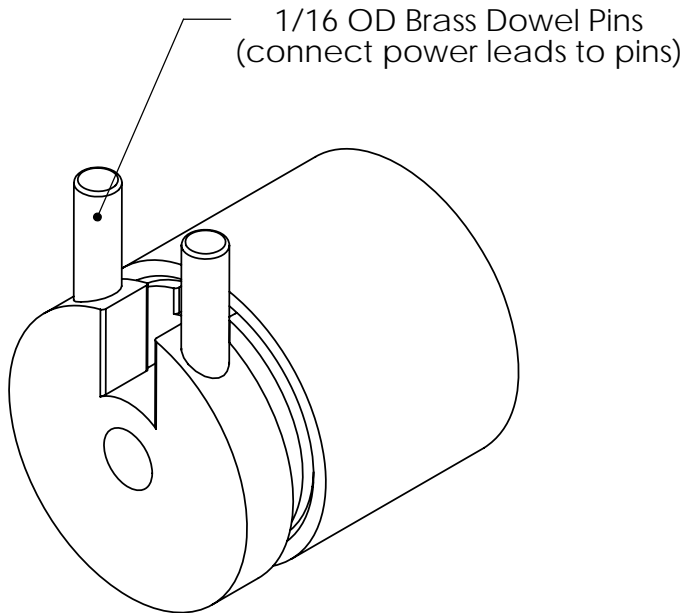
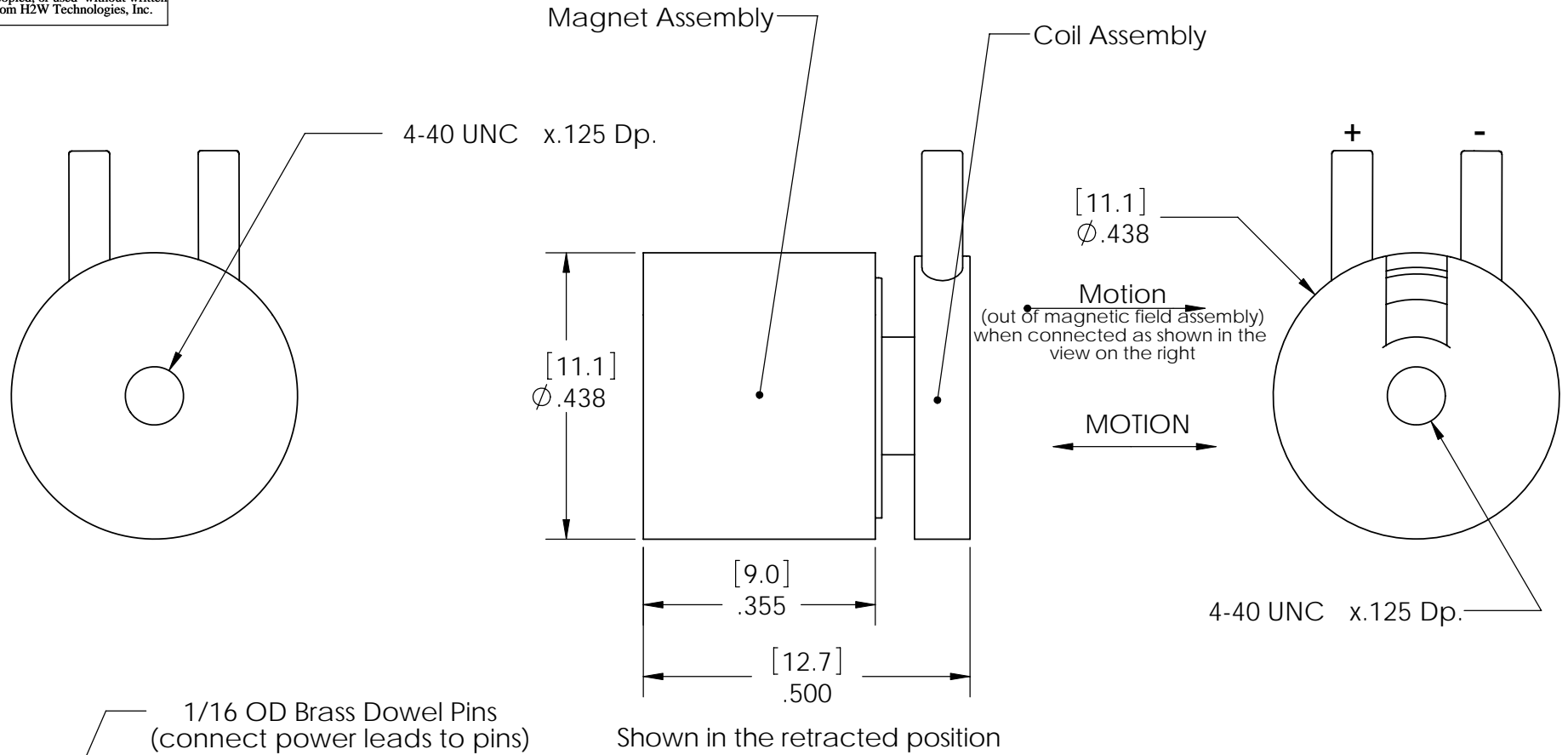


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX ±.005 ANGLES ±1°
XX ±.010 FILLETS AND
X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

RELEASED FOR MFG.				H2W Technologies, Inc. 26470 Ruether Ave #102 Santa Clarita, CA 91350 USA Tel: (661)251-2081 Fax: (661)251-2067 www.h2wtech.com		
DATE		04-22-03				
BY		<i>Andrew</i>				
MATERIAL				TITLE Moving Coil Non-Comm Actuator Model #NCC01-04-001-1X		
FINISH						
DRAWN	DATE	APPROVED	DATE	DWG #	REV	ECN
JRM	4-22-03	MPW	04-22-03	30-0205	B	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC01-04-001-1X	
Stroke	0.125"	3.2 mm
Radial Clearance	0.010" per side	0.25 mm per side
Bearing Type	None Provided	
Moving Mass	0.04 oz	1.2 grams
Total Mass	0.20 oz	5.7 grams
Resistance @ 20C	1.5 ohms	
Inductance @ 20C	63 μ H	
Electrical Time Constant	42 μ sec	
Motor Constant	0.08 LBS/SQRT(Watt)	0.36 N/SQRT(Watt)
Force Constant	0.10 LBS/Amp	0.45 N/Amp
Back EMF	0.01 V/ips	0.45 V/m/sec
Continuous Force	0.06 LBS	0.27 N
Max Power @ 100% Duty	0.6 Watts	
Peak Force	0.18 LBS	0.80 N
Max Power @ 10% Duty	5.1 Watts	

TITLE	Moving Coil Non-Comm Actuator Model #NCC01-04-001-1X	
DWG #	30-0205	REV B
		SHEET 2 of 2