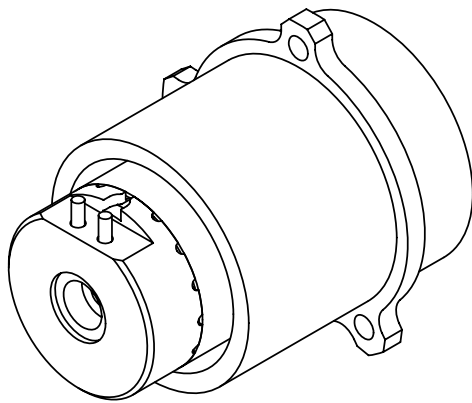
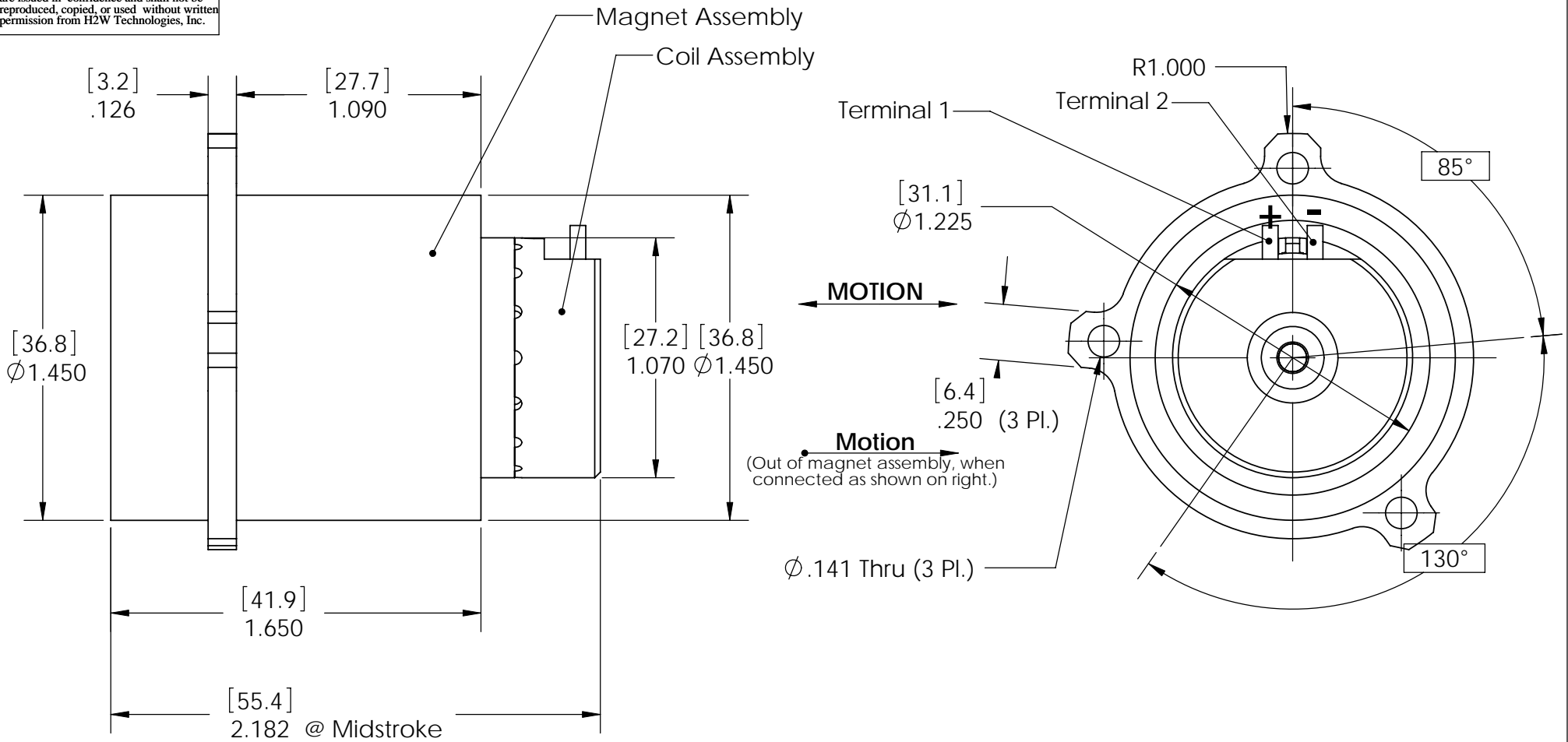


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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX ±.005 ANGLES ±1°
 .XX ±.010 FILLETS AND
 .X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

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						
BY						
MATERIAL				TITLE Moving Coil Non-Comm Actuator Model# NCC03-14-010-1SL		
FINISH						
DRAWN	DATE	APPROVED	DATE	DWG #	REV	ECN
JRM	9-16-03	MPW	9-16-03	30-0237	B	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC03-14-010-1SL	
Stroke	0.28"	7.1 mm
Radial Clearance	0.070" per side	1.78 mm per side
Bearing Type	None Provided	
Moving Mass	1.73 oz	49 grams
Total Mass	13.00 oz	369 grams
Resistance @ 20C	5.8 ohms	
Inductance @ 20C	0.8 mH	
Electrical Time Constant	130 μ sec	
Motor Constant	0.36 LBS/SQRT(Watt)	1.58 N/SQRT(Watt)
Force Constant	0.86 LBS/Amp	3.81 N/Amp
Back EMF	0.10 V/ips	3.81 V/m/sec
Continuous Force	1.00 LBS	4.45 N
Max Power @ 100% Duty	8 Watts	
Peak Force	3.00 LBS	13.35 N
Max Power @ 10% Duty	69 Watts	

TITLE	Moving Coil Non-Comm Actuator Model# NCC03-14-010-1SL	
DWG #	30-0237	REV B
		SHEET 2 of 2