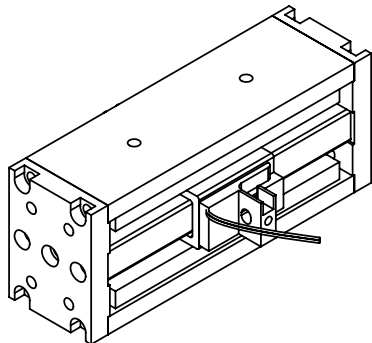
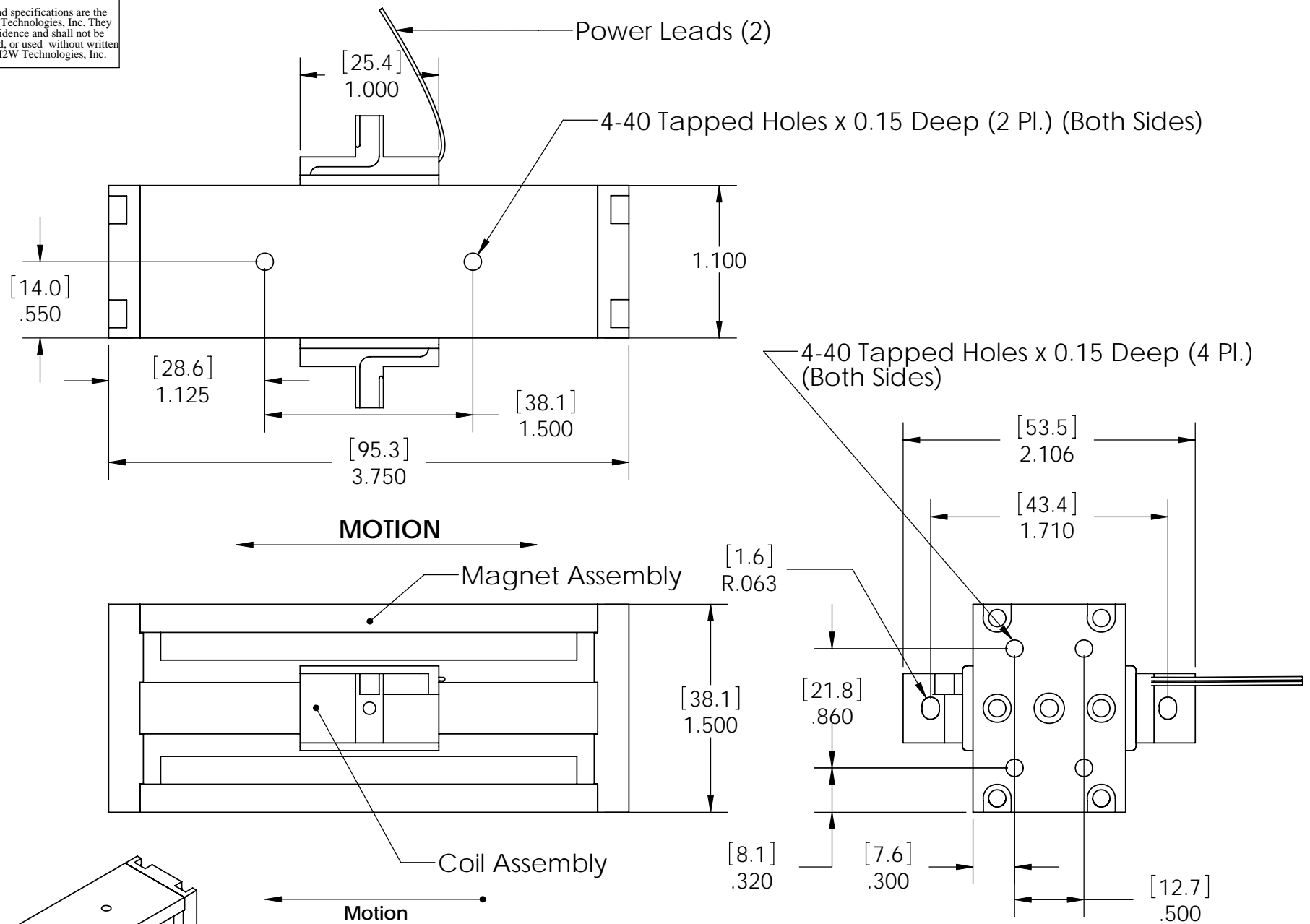


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H2W Technologies, Inc.

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TITLE
Moving Coil Non-CommDC Linear Actuator (Rectangular)
Model# NCC20-15-027-1RC

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

MATERIAL			
FINISH			
DRAWN JRM	DATE 7-29-08	APPROVED MPW	DATE 7-29-08

DWG #	REV	ECN
30-0769	A	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC20-15-027-1RC	
Stroke	2.00"	50.8 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	1.35 lbs	615 grams
Resistance @ 20C	5.6 ohms	
Inductance @ 20C	5.9 mH	
Electrical Time Constant	1.05 msec	
Motor Constant	0.65 LBS/SQRT(Watt)	2.89 N/SQRT(Watt)
Force Constant	1.5 LBS/Amp	6.65 N/Amp
Back EMF	0.17 V/ips	6.65 V/m/sec
Continuous Force	2.7 LBS	12.0 N
Max Power @ 100% Duty	17 Watts	
Peak Force	7.0 LBS	31.2 N
Max Power @ 10% Duty	116 Watts	

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DWG #	30-0769	REV A
		SHEET 2 of 2