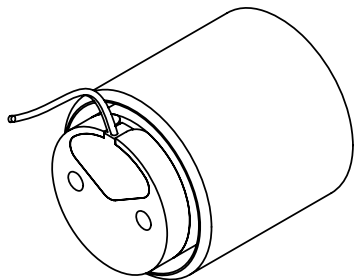
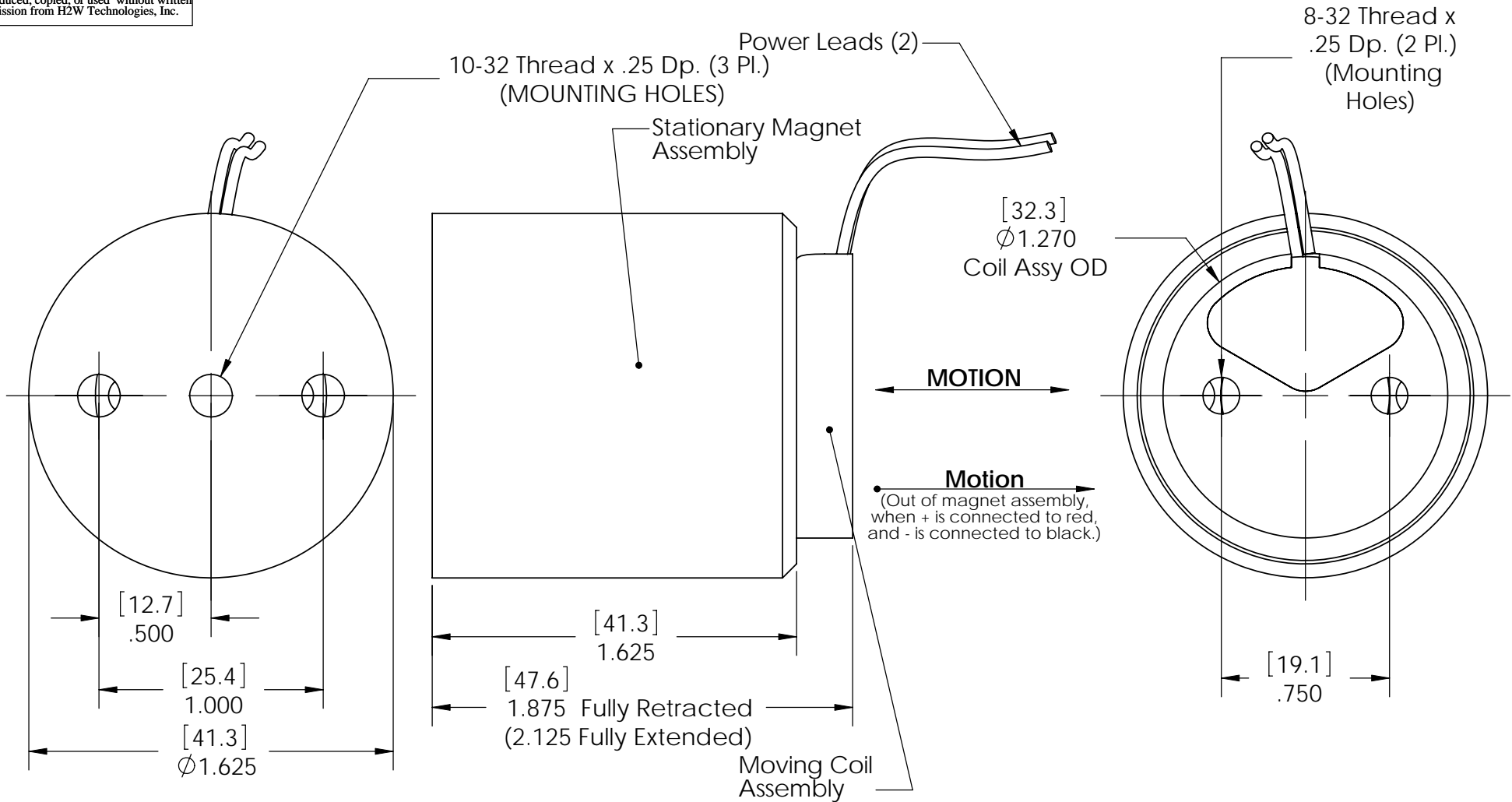


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UNLESS SPECIFIED OTHERWISE:  
All dimensions are in inches  
Standard Tolerances are as follows  
.XXX ±.005 ANGLES ±1°  
XX ±.010 FILLETS AND  
X ±.020 CORNERS .010  
Remove All Burrs and Sharp Edges

<b>RELEASED FOR MFG.</b>				<b>H2W Technologies, Inc.</b> 28310-C Ave Crocker Valencia, CA 91355 USA Tel: (661)-702-9346 Fax: (661)-702-9348 www.h2wtech.com		
DATE		03-22-05				
BY		<i>Andrew</i>				
MATERIAL				TITLE <b>Moving Coil Non-Comm Actuator          Model# NCC03-16-015-2R</b>		
FINISH						
DRAWN	DATE	APPROVED	DATE	DWG #	REV	ECN
JRM	09-23-08	MPW	09-23-08	<b>30-0796</b>	<b>A</b>	

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC03-16-015-2R	
Stroke	0.25"	6.4 mm
Radial Clearance	0.100" per side	2.54 mm per side
Bearing Type	None Provided	
Moving Mass	2.1 oz	60 grams
Total Mass	11.3 oz	320 grams
Resistance @ 20C	4.0 ohms	
Inductance @ 20C	1.4 mH	
Electrical Time Constant	0.35 msec	
Motor Constant	0.40 LBS/SQRT(Watt)	1.78 N/SQRT(Watt)
Force Constant	0.80 LBS/Amp	3.56 N/Amp
Back EMF	0.09 V/ips	3.56 V/m/sec
Continuous Force	1.5 LBS	6.67 N
Max Power @ 100% Duty	14 Watts	
Peak Force	4.5 LBS	20.0 N
Max Power @ 10% Duty	127 Watts	

TITLE	<b>Moving Coil Non-Comm Actuator Model# NCC03-16-015-2R</b>	
DWG #	<b>30-0796</b>	REV <b>A</b>
		SHEET 2 of 2