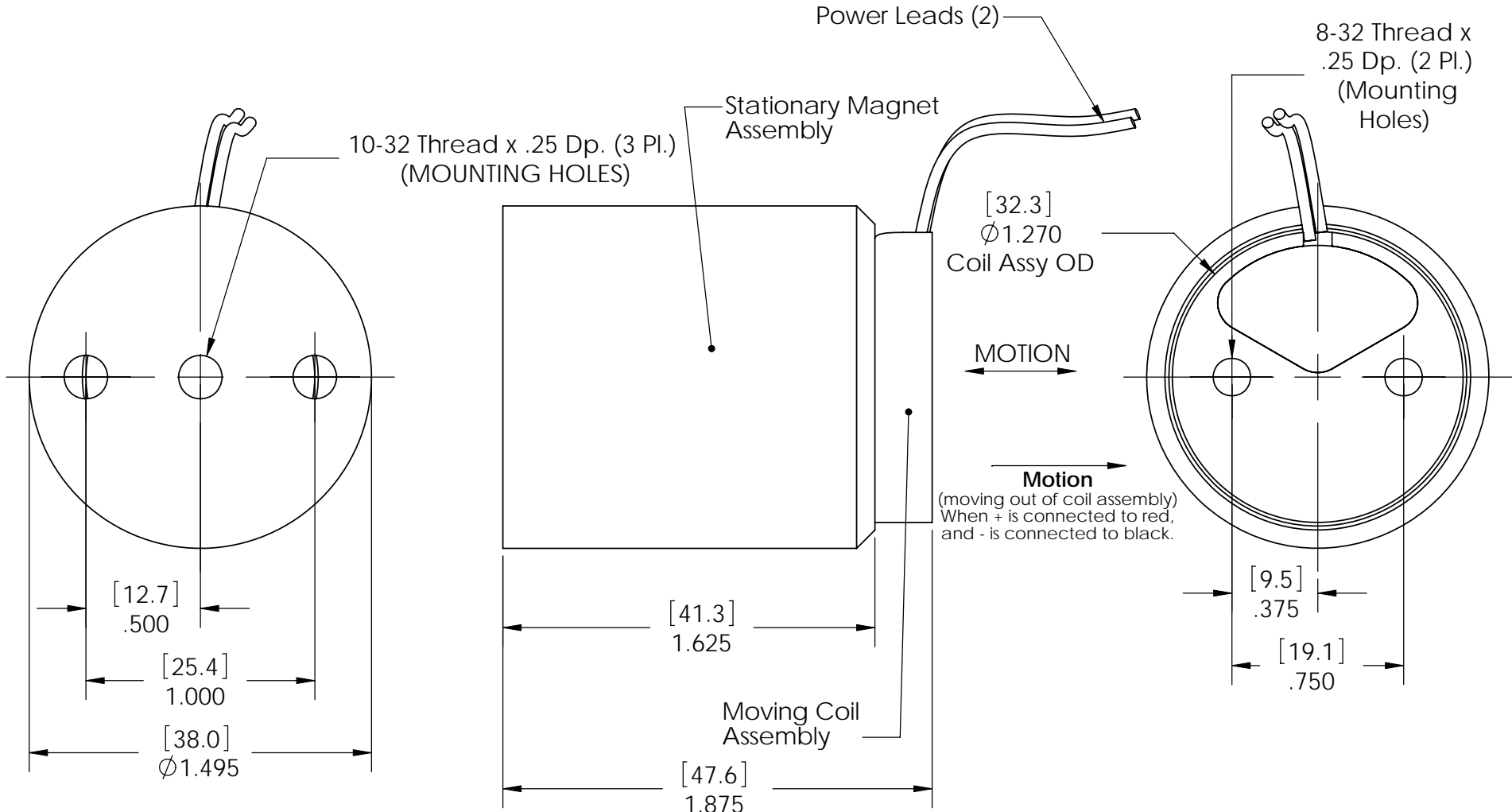
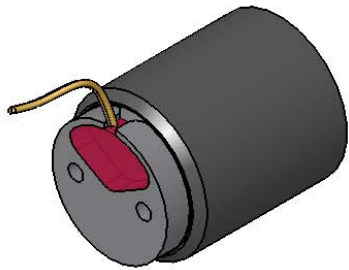


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Shown Fully Retracted



RELEASED FOR MFG.				H2W Technologies, Inc. 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 Moving Coil Non-Comm Actuator Model #NCC03-15-050-2X		
FINISH						
DRAWN	DATE	APPROVED	DATE	DWG #	REV	ECN
JRM	03-22-05	MPW	03-22-05	30-0398	C	

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

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC03-15-050-2X	
Stroke	0.25"	6.4 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	None Provided	
Moving Mass	0.13 lbs	60 grams
Total Mass	0.70 lbs	320 grams
Resistance @ 20C	3.75 ohms	
Inductance @ 20C	1.30 mH	
Electrical Time Constant	0.35 msec	
Motor Constant	1.38 LBS/SQRT(Watt)	6.14 N/SQRT(Watt)
Force Constant	2.7 LBS/Amp	11.9 N/Amp
Back EMF	0.3 V/ips	11.9 V/m/sec
Continuous Force	5.0 LBS	22.3 N
Max Power @ 100% Duty	13 Watts	
Peak Force	15.0 LBS	66.8 N
Max Power @ 10% Duty	118 Watts	