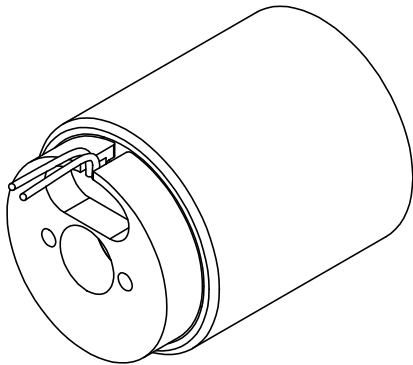
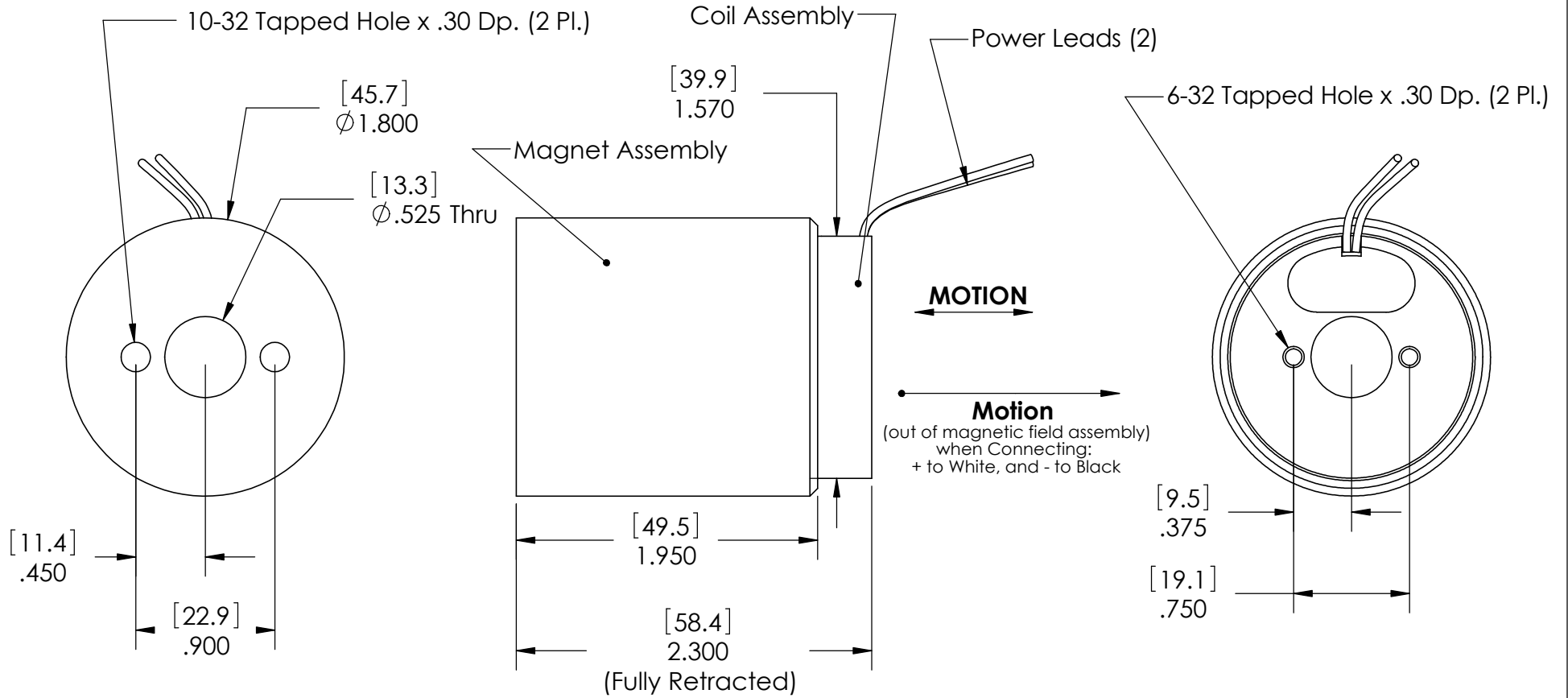


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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX ±.005 ANGLES ±1°
 .XX ±.010 FILLETS AND
 X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

RELEASED FOR MFG.				H2W Technologies, Inc. 26470 Ruether Avenue #102 Santa Clarita, CA 91350 USA Tel: (661)251-2081 Fax: (661)251-2067 www.h2wtech.com				
DATE	8-31-04							
BY				Moving Coil Non-Comm Actuator Model #NCC05-18-060-2X				
MATERIAL								
FINISH				DWG #	30-0359	REV	D	ECN
DRAWN	JRM	DATE	8-31-04	APPROVED	MPW	DATE	8-31-04	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC05-18-060-2X	
Stroke	0.50"	12.7 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	None Provided	
Moving Mass	0.22 lbs	99 grams
Total Mass	1.20 lbs	544 grams
Resistance @ 20C	11.5 ohms	
Inductance @ 20C	4.5 mH	
Electrical Time Constant	0.39 msec	
Motor Constant	1.78 LBS/SQRT(Watt)	7.92 N/SQRT(Watt)
Force Constant	6.3 LBS/Amp	27.8 N/Amp
Back EMF	0.7 V/ips	27.8 V/m/sec
Continuous Force	6.0 LBS	26.7 N
Max Power @ 100% Duty	12 Watts	
Peak Force	18.0 LBS	80.1 N
Max Power @ 10% Duty	102 Watts	