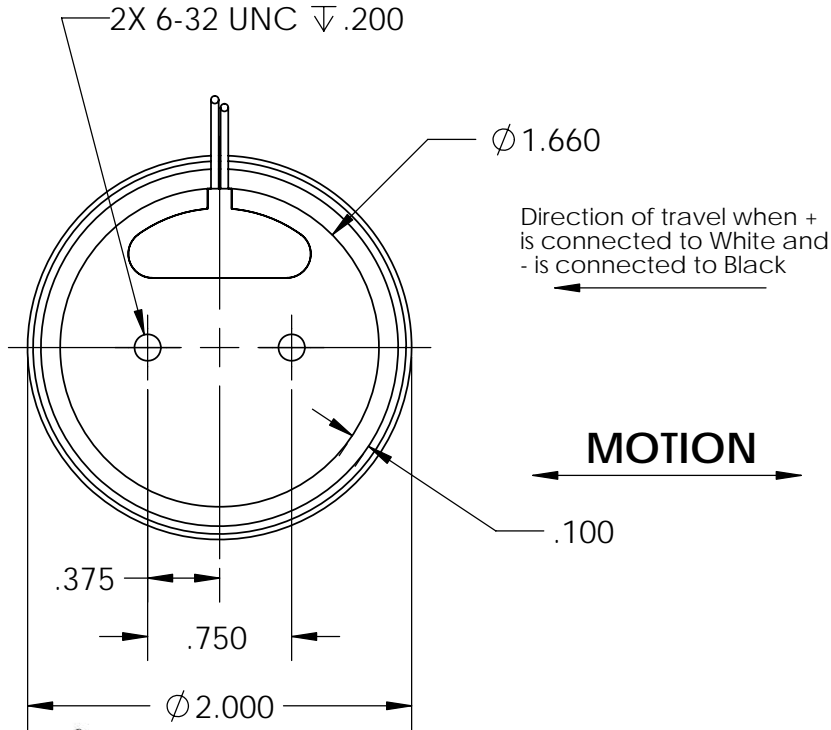


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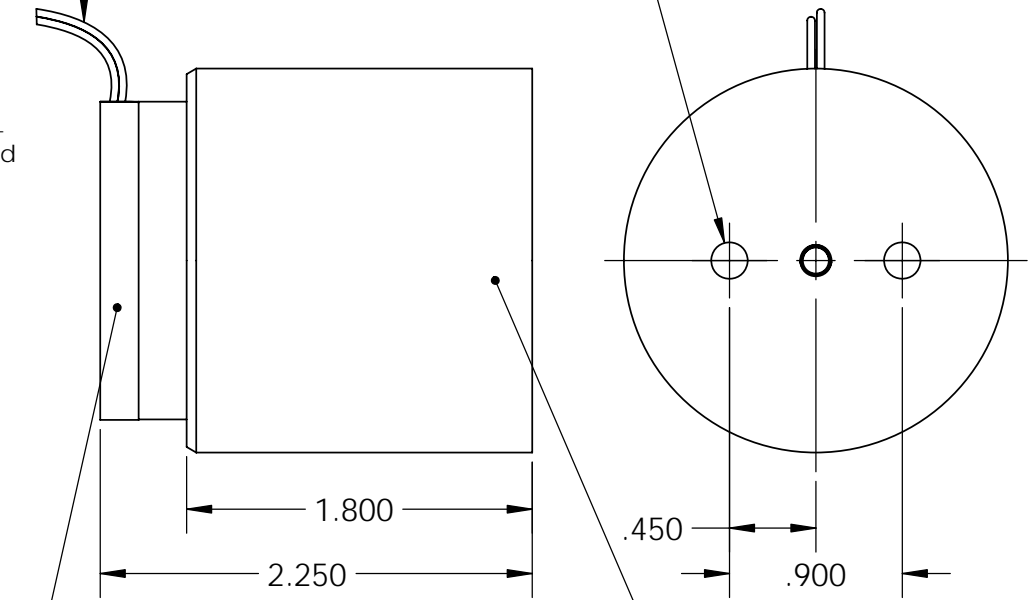
REVISION HISTORY

REV	ECN #	DESCRIPTION	REV BY	APPROVED	DATE
---	0000	Initial Release	JRM	MPW	4-19-12
A	1444	Changed Model Number and Specifications per Test Data	JRM	MPW	6-13-12

Power Leads (2)
#24 AWG
White and Black

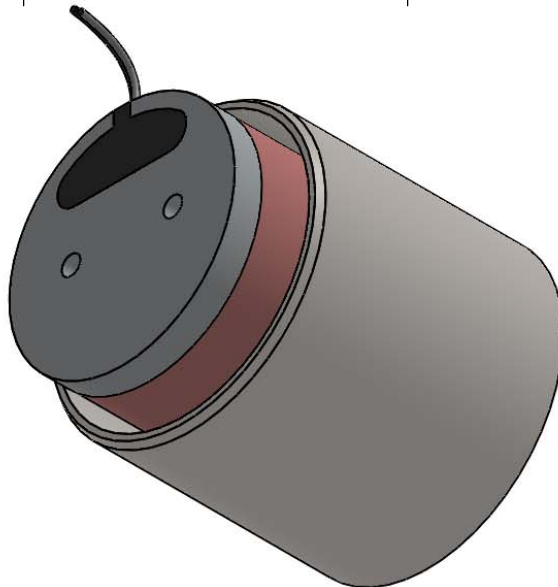


2X 10-32 UNF ∇ .150



Moving Coil Assembly

Stationary Magnet Assembly



UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows .XXX \pm .005 ANGLES \pm 1° .XX \pm .010 FILLETS .010 .X \pm .020 CORNERS .010 Remove All Burrs and Sharp Edges				MATERIAL		TITLE	
FINISH				Non-Commutated DC Linear Actuator Moving Coil Type Model # NCC05-20-064-2R			
DRAWN	DATE	APPROVED	DATE	DWG #	REV	SHEET	
JRM	4-19-2012	MPW	4-19-12	30-1034	A	1 of 2	

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MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC05-20-044-2R	
Stroke	0.50"	12.7 mm
Radial Clearance	0.100" per side	2.54 mm per side
Bearing Type	None Provided	
Moving Mass	0.21 lbs	94 grams
Total Mass	1.04 lbs	473 grams
Resistance @ 20C	12 ohms	
Inductance @ 20C	3.6 mH	
Electrical Time Constant	0.30 msec	
Motor Constant	1.33 LBS/SQRT(Watt)	5.92 N/SQRT(Watt)
Force Constant	4.6 LBS/Amp	20.4 N/Amp
Back EMF	0.5 V/ips	20.4 V/m/sec
Continuous Force	6.4 LBS	28.5 N
Max Power @ 100% Duty	23 Watts	
Peak Force	19.1 LBS	85.0 N
Max Power @ 10% Duty	206 Watts	