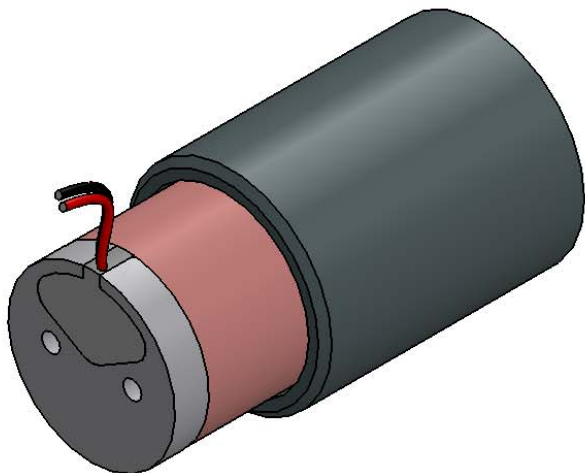
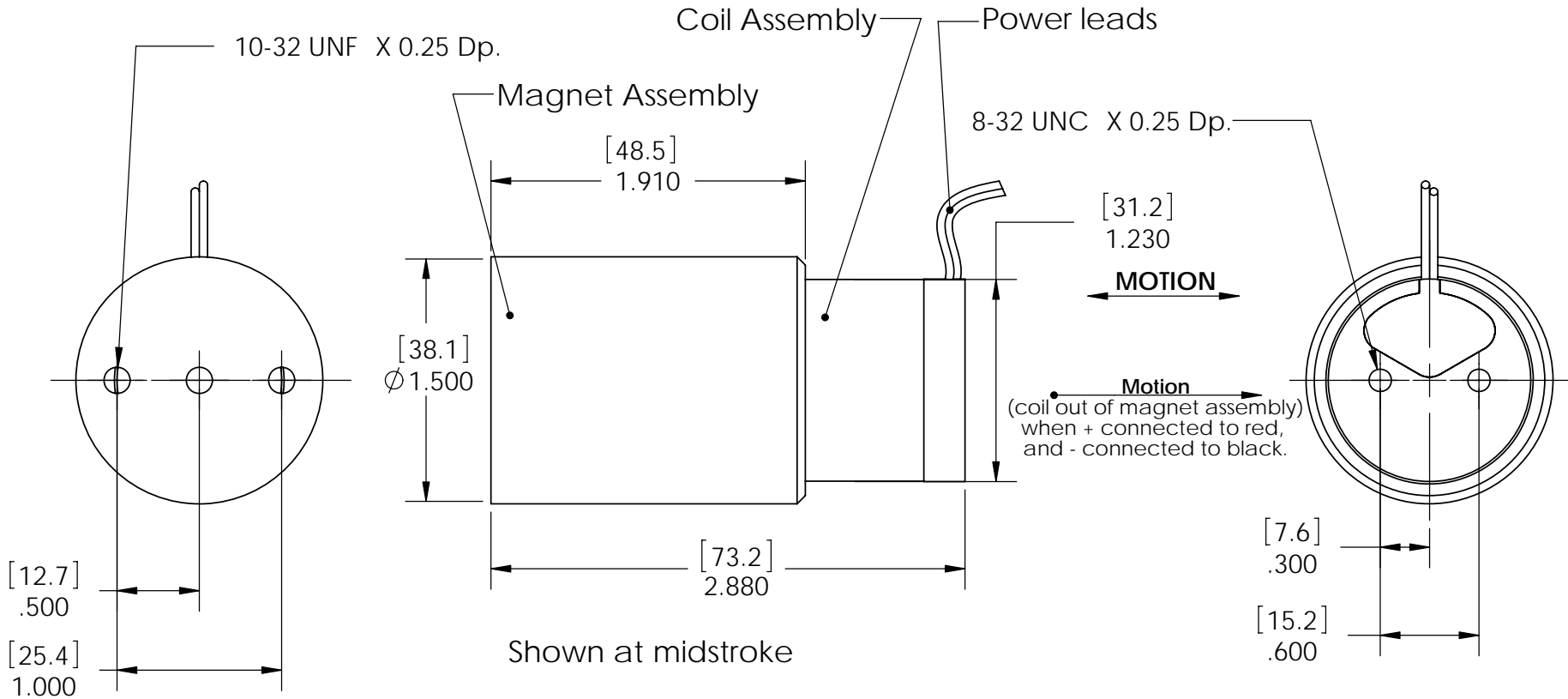


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REVISION HISTORY

REV	ECN #	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	4-12-12



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		TITLE Moving Coil Non-Comm Actuator Model# NCC14-15-020-1X	
				FINISH			
DRAWN JRM	DATE 4-12-2012	APPROVED MPW	DATE 4-12-12	DWG # 30-1029	REV ---	ECN	

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MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC14-15-020-1X	
Stroke	1.44"	36.6 mm
Radial Clearance	0.010" per side	0.25 mm per side
Bearing Type	None Provided	
Moving Mass	0.13 lbs	59 grams
Total Mass	0.88 lbs	400 grams
Resistance @ 20C	4.6 ohms	
Inductance @ 20C	2.8 mH	
Electrical Time Constant	0.60 msec	
Motor Constant	0.64 LBS/SQRT(Watt)	2.85 N/SQRT(Watt)
Force Constant	1.4 LBS/Amp	6.2 N/Amp
Back EMF	0.16 V/ips	6.2 V/m/sec
Continuous Force	2.0 LBS	8.9 N
Max Power @ 100% Duty	10 Watts	
Peak Force	6.0 LBS	26.7 N
Max Power @ 10% Duty	88 Watts	