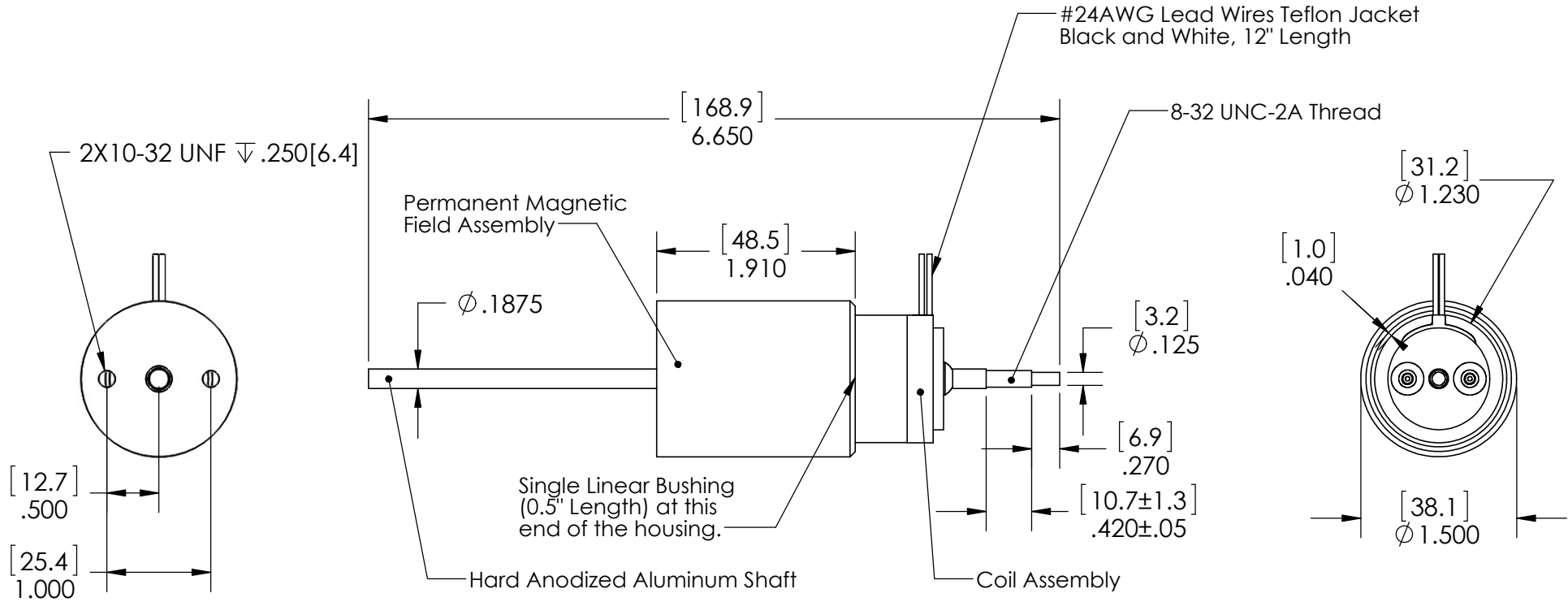


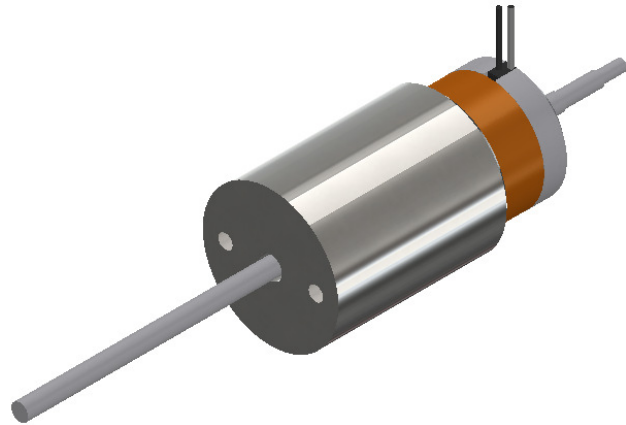
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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	5-6-14



MOTION

When + is connected to White, and - is connected to Black, then Coil Assembly will move out of Permanent Magnetic Field 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 Burs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	5-6-14	MPW	5-6-14

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Model # NCC10-15-023-1PBSZ

TITLE	DWG #	REV	SHEET
Moving Coil Non-Comm Linear Actuator	30-1180	---	1 of 2

NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC10-15-023-1PBSZ	
Device Type	Moving Coil	
Stroke	1.00 in	25.4 mm
Radial Clearance	0.040 in	1.0 mm
Bearing Type	Sliding Contact Plastic Bushing	
Moving Mass	2.68 oz	76 grams
Total Mass	13.9 oz	395 grams
Resistance @ 20C	7.5 ohms	
Inductance @ 20C	3.0 mH	
Electrical Time Constant	0.40 msec	
Motor Constant	0.75 lbs/sqrt(watt)	3.3 N/sqrt(watt)
Force Constant	2.1 lbs/amp	9.1 N/amp
Back EMF	0.20 V/ips	9.1 V/m/sec
Force @ 100% Duty	2.1 lbs	9.1 N
Power @ 100% Duty	7.5 watts	
Current @ 100% Duty	1.0 amps	
Force @ 10% Duty	6.3 lbs	27 N
Power @ 10% Duty	68 watts	
Current @ 10% Duty	3.0 amps	