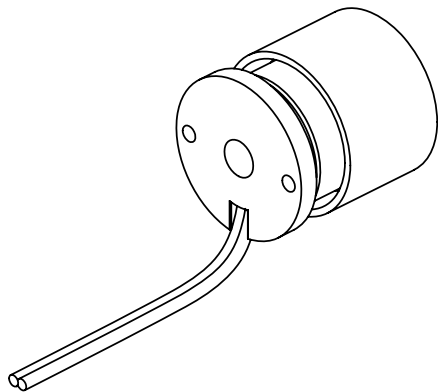
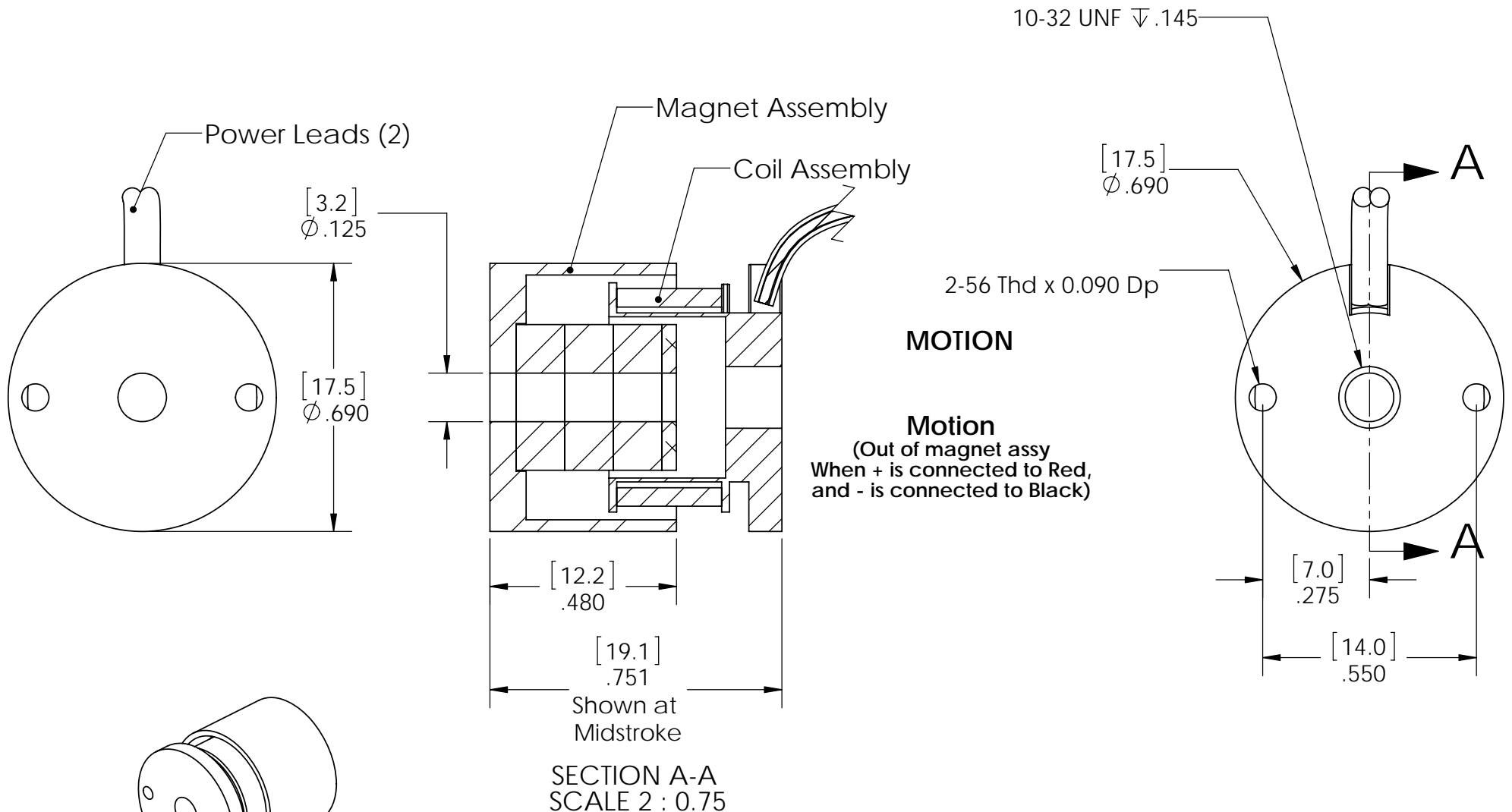


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**Non-Comm Moving Coil Actuator**  
**Model# NCC02-07-001-1RH**

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				DWG # <b>30-0993</b>		
DRAWN	DATE	APPROVED	DATE	REV	SHEET					
OOG	9-16-11	MPW	9-16-11	---	1 of 2					

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC02-07-001-1RH	
Stroke	0.20"	5.1 mm
Radial Clearance	0.020" per side	0.51 mm per side
Bearing Type	None Provided	
Moving Mass	0.25 oz	7 grams
Total Mass	0.63 oz	18 grams
Resistance @ 20C	1.5 ohms	
Inductance @ 20C	0.20 mH	
Electrical Time Constant	0.13 msec	
Motor Constant	0.20 lbs/sqrt(watt)	0.89 N/sqrt(watt)
Force Constant	0.24 lbs/amp	1.08 N/amp
Back EMF	0.03 Volts/ips	1.08 Volts/m/sec
Continuous Force	0.20 LBS	0.89 N
Max Power @ 100% Duty	1 Watt	
Peak Force	0.60 LBS	2.67 N
Max Power @ 10% Duty	9 Watts	

TITLE	<b>Non-Comm Moving Magnet Actuator Model# NCC02-07-001-1RH</b>	
DWG #	<b>30-0993</b>	REV <b>A</b>
		SHEET 2 of 2