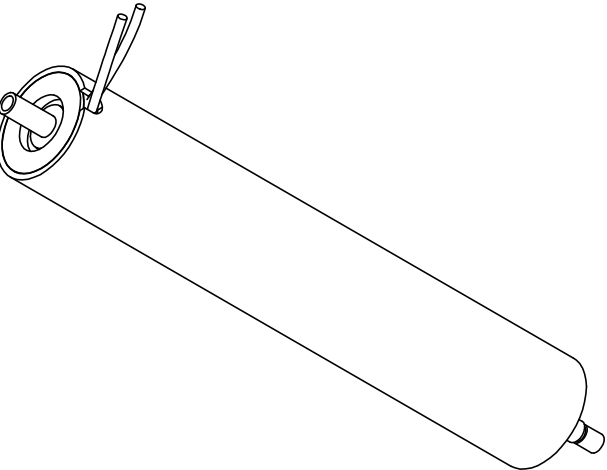
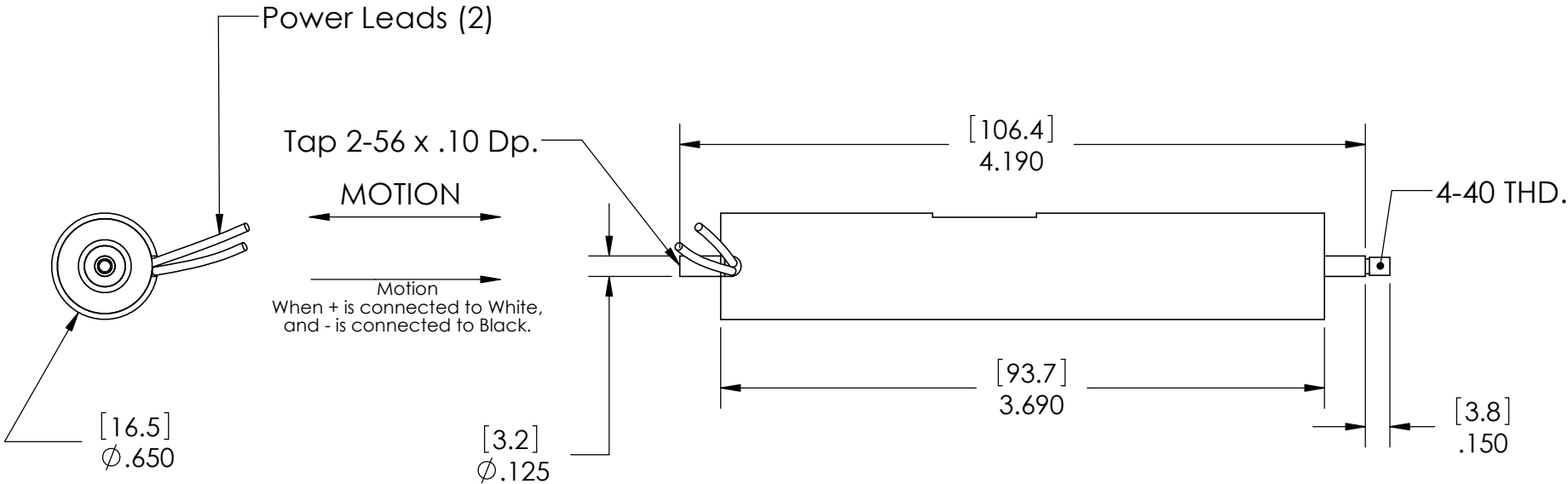


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UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows XXX ±.005 ANGLES ±1° XX ±.010 FILLETS .010 X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges	MATERIAL				TITLE Moving Magnet Non-Comm DC Linear Actuator Model# NCM05-06-008-5JB		
	FINISH						
	DRAWN JRM	DATE 1-24-06	APPROVED MPW	DATE 1-24-06	DWG # 30-0461	REV C	SHEET 1 of 2

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MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM05-06-008-5JB	
Stroke	0.50"	12.7 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Jeweled Sapphire	
Moving Mass	0.09 lbs	41 grams
Total Mass	0.24 lbs	107 grams
Resistance @ 20C	10.8 ohms	
Inductance @ 20C	1.33 mH	
Electrical Time Constant	0.12 msec	
Motor Constant	0.58 LBS/SQRT(Watt)	2.58 N/SQRT(Watt)
Force Constant	1.9 LBS/Amp	8.5 N/Amp
Back EMF	0.21 V/ips	8.5 V/m/sec
Force @ 100% Duty	0.80 LBS	3.6 N
Current @ 100% Duty	0.4 Amps	
Power @ 100% Duty	2 Watts	
Force @ 10% Duty	2.40 LBS	10.7 N
Current @ 10% Duty	1.3 Amps	
Power @ 10% Duty	17 Watts	