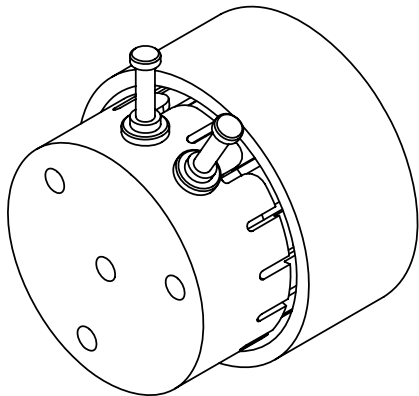
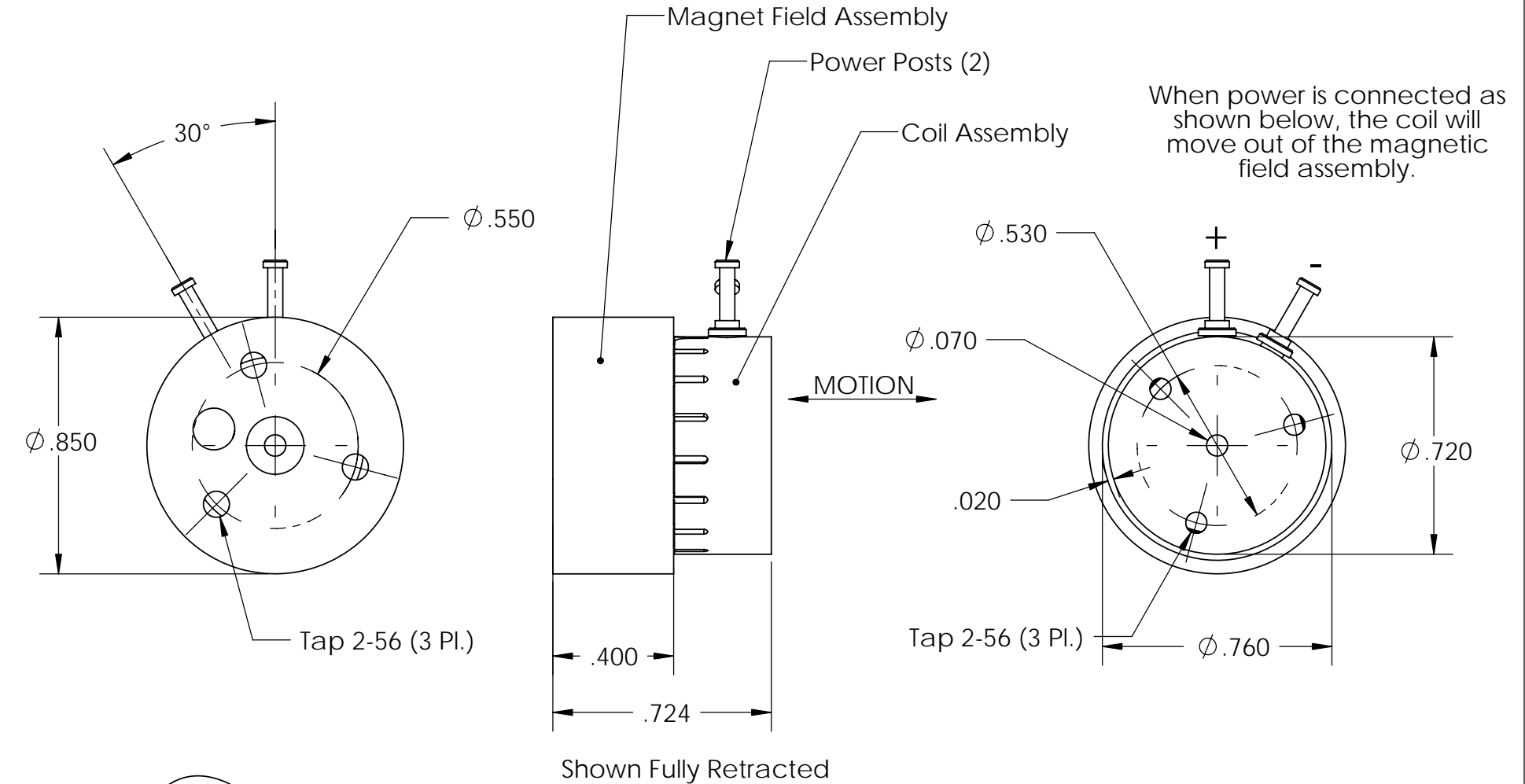


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TITLE Non-Comm Moving Coil DC Linear Actuator
Model # NCC01-09-001-1S

DWG # 30-0919	REV	SHEET 1 of 2
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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			
				FINISH			
DRAWN JRM	DATE 9-1-09	APPROVED MPW	DATE 9-1-09				

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC01-09-001-1S	
Stroke	0.09"	3.0 mm
Radial Clearance	0.030" per side	0.76 mm per side
Bearing Type	None Provided	
Moving Mass	0.11 oz	3.0 grams
Total Mass	0.53 oz	15.0 grams
Resistance @ 20C	20 ohms	
Inductance @ 20C	1.7 mH	
Electrical Time Constant	0.09 msec	
Motor Constant	0.11 LBS/SQRT(Watt)	0.47 N/SQRT(Watt)
Force Constant	0.48 LBS/Amp	2.10 N/Amp
Back EMF	0.05 V/ips	2.10 V/m/sec
Continuous Force	0.11 LBS	0.49 N
Max Power @ 100% Duty	1.1 Watts	
Peak Force	0.33 LBS	1.47 N
Max Power @ 10% Duty	10.3 Watts	