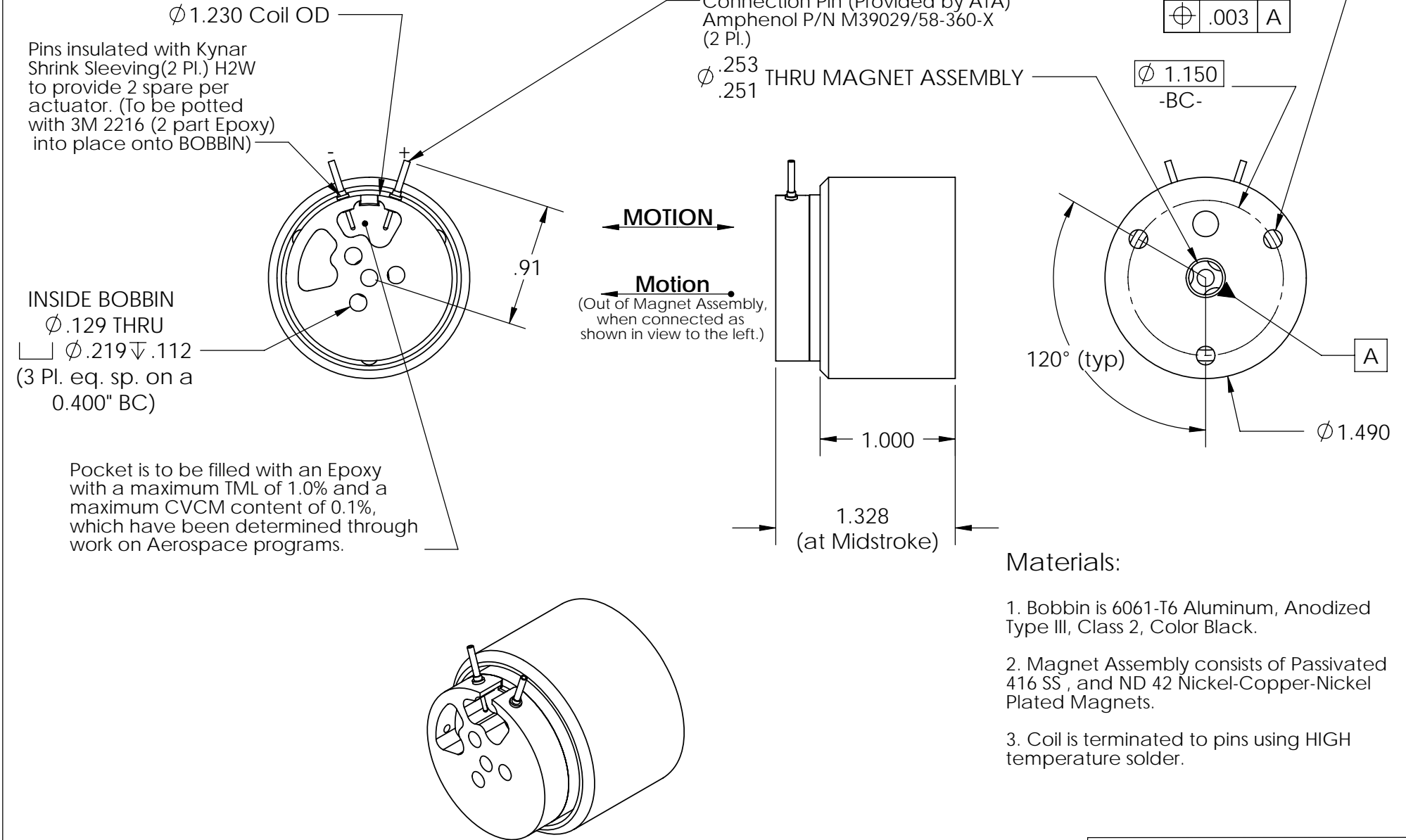


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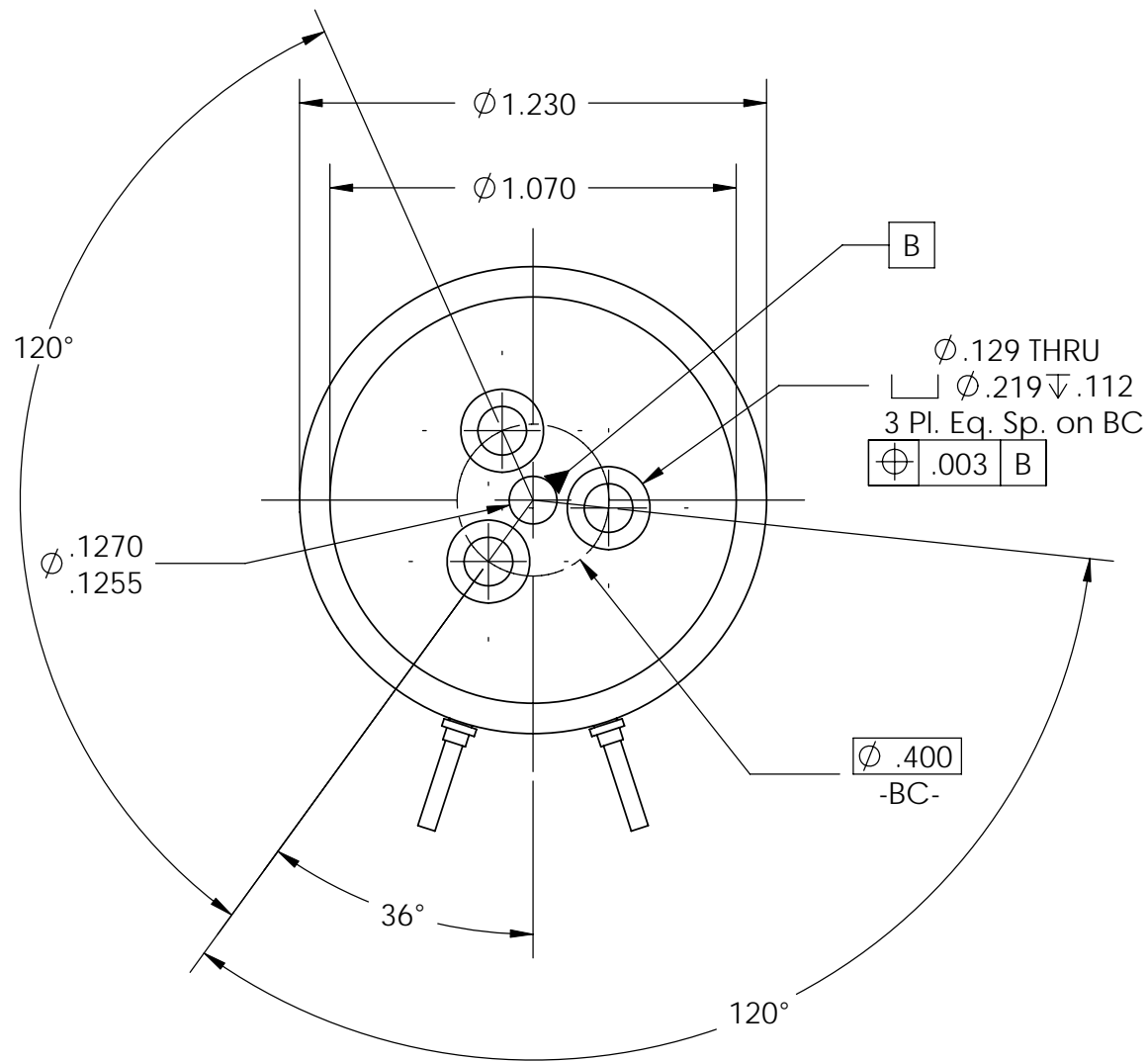
H2W Technologies, Inc.

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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				See Above
FINISH				See Above
DRAWN	DATE	APPROVED	DATE	
JRM	10-02-07	MPW	10-02-07	

TITLE				Non-Comm Moving Coil Actuator Model# NCC02-15-015-1SA
DWG #	REV	SHEET		
30-0610	A	1 of 3		



TITLE	Non-Comm Moving Coil Actuator Model# NCC02-15-015-1SA (Coil Details)		
DWG #	30-0610	REV	A
		SHEET	2 of 3

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC02-15-015-1SA	
Stroke	0.16"	4.1 mm
Radial Clearance	0.035" per side	0.89 mm per side
Bearing Type	None Provided	
Moving Mass	0.63 oz	18 grams
Total Mass	6.06 oz	172 grams
Resistance @ 20C	5.4 ohms	
Inductance @ 20C	0.8 mH	
Electrical Time Constant	142 μ sec	
Motor Constant	0.66 LBS/SQRT(Watt)	2.89 N/SQRT(Watt)
Force Constant	1.52 LBS/Amp	6.68 N/Amp
Back EMF	0.17 V/ips	6.68 V/m/sec
Continuous Force	1.50 LBS	6.68 N
Max Power @ 100% Duty	5 Watts	
Peak Force	4.50 LBS	20.02 N
Max Power @ 10% Duty	47 Watts	

TITLE	Non-Comm Moving Coil Actuator Model# NCC02-15-015-1SA	
DWG #	30-0610	REV A
		SHEET 3 of 3