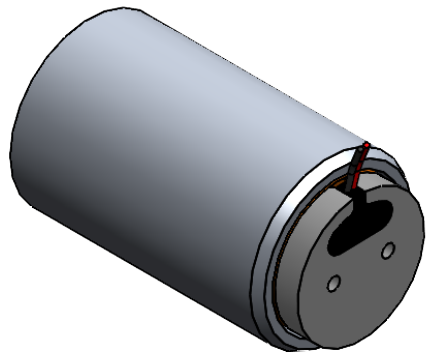
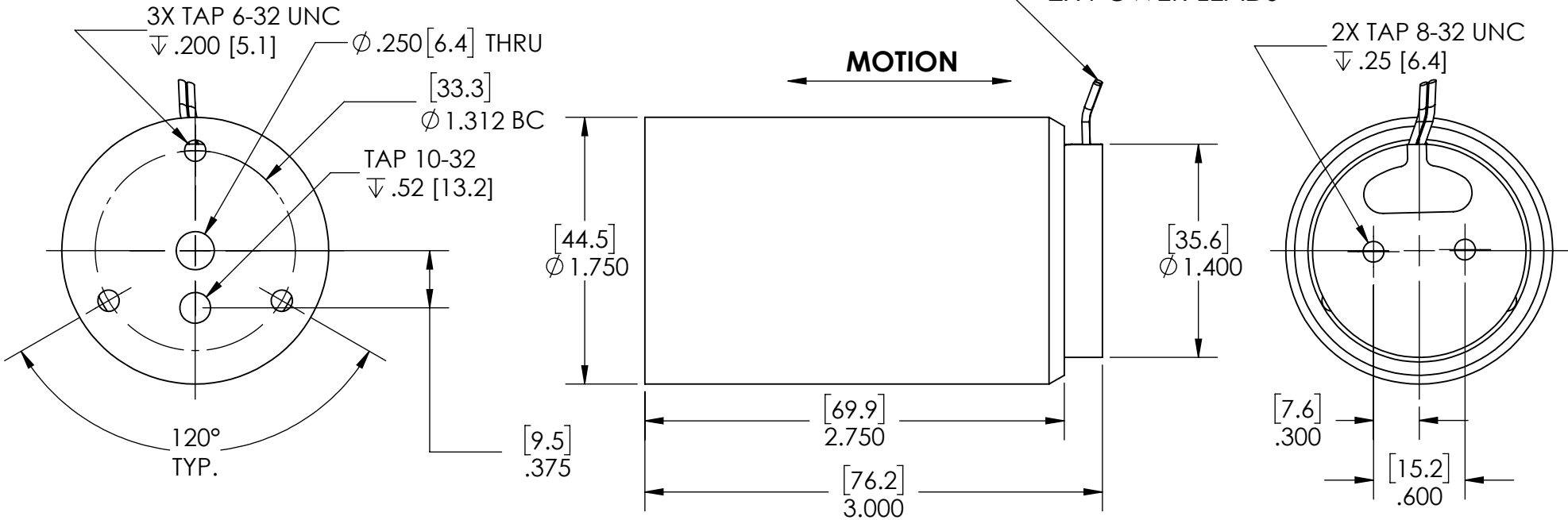


ACTUATOR SHOWN FULLY RETRACTED

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	10-08-12



1

2

3

4

5

A

A

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC20-18-020-1A	
Stroke	2.00"	50.8 mm
Radial Clearance	0.030" per side	0.76 mm per side
Bearing Type	None Provided	
Moving Mass	0.30 lbs	138 grams
Total Mass	1.55 lbs	705 grams
Resistance @ 20C	3.50 ohms	
Inductance @ 20C	3.70 mH	
Electrical Time Constant	1.05 msec	
Motor Constant	0.75 LBS/SQRT(Watt)	3.34 N/SQRT(Watt)
Force Constant	1.4 LBS/Amp	6.1 N/Amp
Back EMF	0.2 V/ips	6.1 V/m/sec
Continuous Force	2.0 LBS	8.9 N
Max Power @ 100% Duty	7 Watts	
Peak Force	6.0 LBS	26.7 N
Max Power @ 10% Duty	64 Watts	

B

B

C

C

D

D



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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

**FOR
 REFERENCE
 ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Actuator
 Model #: NCC20-18-020-1A

DWG # **30-1052**

REV

DATE

10-8-12

SHEET

2 of 2