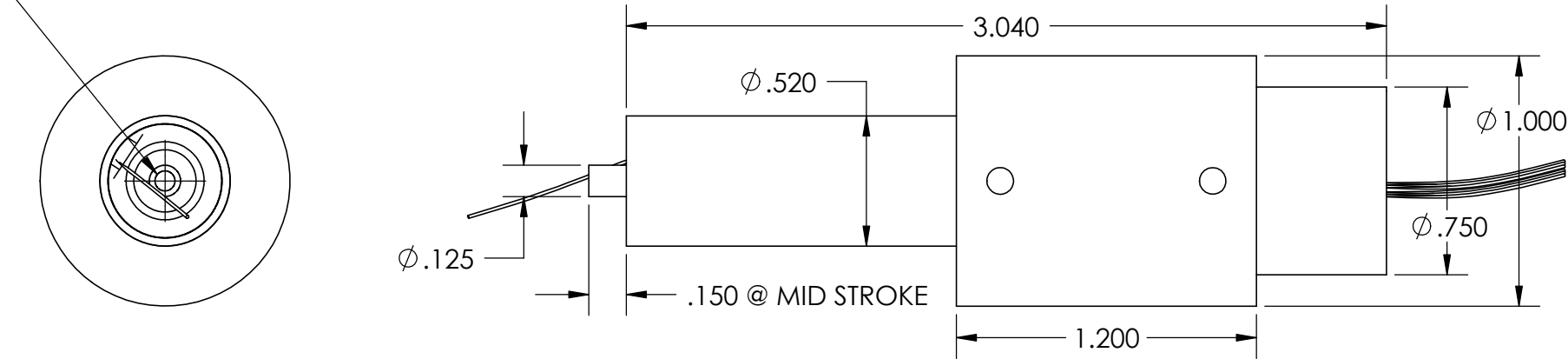


ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	3-14-02

TAP 2-56 ∇ .200



1

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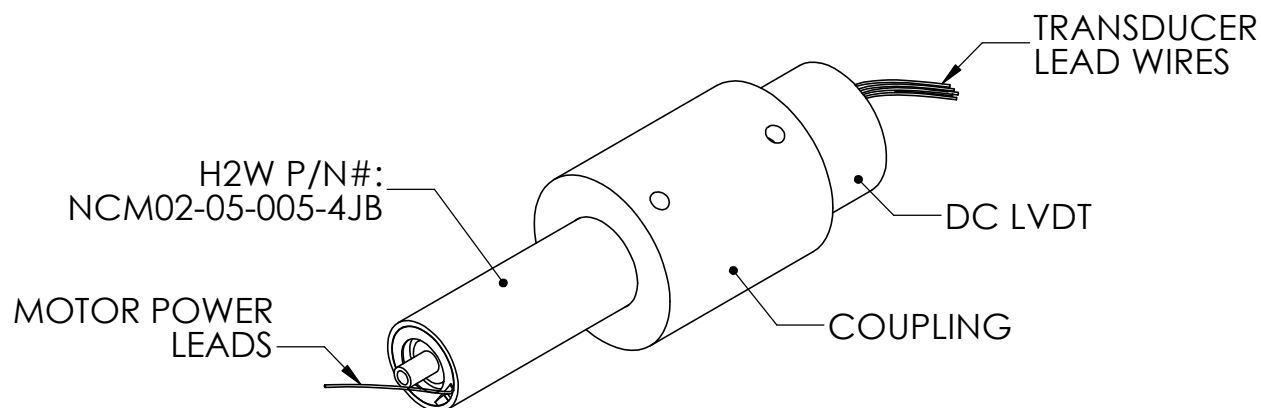
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MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCM02-05-005-4JBT	
Stroke	0.15"	3.8 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Jeweled Bushings	
Moving Mass	0.03 lbs	12 grams
Total Mass	0.11 lbs	49 grams
Resistance @ 20C	3.5 ohms	
Inductance @ 20C	0.25 mH	
Electrical Time Constant	0.07 msec	
Motor Constant	0.38 LBS/SQRT(Watt)	1.69 N/SQRT(Watt)
Force Constant	0.72 LBS/Amp	3.2 N/Amp
Back EMF	0.08 V/ips	3.2 V/m/sec
Continuous Force	0.5 LBS	2.2 N
Max Power @ 100% Duty	2 Watts	
Peak Force	1.5 LBS	6.7 N
Max Power @ 10% Duty	16 Watts	
Feedback Device	LVDT	



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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 #:
NCM02-05-005-4JBT

DWG #

30-0099

REV

DATE

SHEET

3-14-02

2 of 2