These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc. (www.h2wtech.com) 3X 1/4-20 UNC $\sqrt{}$.500 2X M6X1.0 - 6H ▼ .250-Coil Assembly Power Leads (2) Magnet Assembly— [31.8] R1.250 120° **MOTION** (3 PI) [85.1] [71.6] MOTION (coil out of magnet assembly) When + is connected to white, Ø3.350 Ø2.820 120° and - is connected to black. (3 PI) [18.0] [86.4] .709 [36.0] 3.400 Ø1.417 [102.9] 4.050 3XM6X1.0 - 6H X 0.500 Dp.-(Shown at Midstroke) **H2W Technologies, Inc.** 28310-C Ave Crocker Valencia, CA 91355 USA Tel: (661)-702-9346 Fax: (661)-702-9348 MATERIAL UNLESS SPECIFIED OTHERWISE: Moving Coil Non-Comm Actuator Model# NCC08-34-350-2X All dimensions are in inches 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 FINISH

DRAWN

JRM

6-15-06

APPROVED

MPW

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1 of 2

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC08-34-350-2X	
Stroke	0.80"	20.3 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	None Provided	
Moving Mass	1.0 lbs	0.46 kgrams
Total Mass	7.4 lbs	3.35 kgrams
Resistance @ 20C	6.25 ohms	
Inductance @ 20C	5.0 mH	
Electrical Time Constant	0.80 msec	
Motor Constant	5.80 LBS/SQRT(Watt)	25.8 N/SQRT(Watt)
Force Constant	14.5 LBS/Amp	64.2 N/Amp
Back EMF	1.6 V/ips	64.2 V/m/sec
Continuous Force	35 LBS	156 N
Max Power @ 100% Duty	36 Watts	
Peak Force	105 LBS	467 N
Max Power @ 10% Duty	330 Watts	

ITLE	Moving Coil Non-Comm Actuator
	Moving Coil Non-Comm Actuator Model# NCC08-34-350-2X