



H2W Technologies, Inc.

26470 Ruether Ave. #102 Santa Clarita, CA 91350 USA
Tel: (661)251-2081 Fax: (661)251-2067
www.h2wtech.com

TITLE Moving Magnet Non-Comm Actuator w/ LVDT Feedback
Model# NCM06-06-004-3JBT

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	DATE	APPROVED	DATE
JRM	12-15-09	MPW	12-15-09

DWG # 30-0852

REV A

SHEET 1 of 2

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM06-06-004-3JB	
Stroke	0.60"	15.2 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Jeweled Bushings	
Moving Mass	0.05 lbs	21 grams
Total Mass	0.17 lbs	75 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	0.35 mH	
Electrical Time Constant	0.12 msec	
Motor Constant	0.16 LBS/SQRT(Watt)	0.72 N/SQRT(Watt)
Force Constant	0.28 LBS/Amp	1.3 N/Amp
Back EMF	0.03 V/ips	1.3 V/m/sec
Continuous Force	0.4 LBS	1.8 N
Max Power @ 100% Duty	6 Watts	
Peak Force	1.2 LBS	5.4 N
Max Power @ 10% Duty	56 Watts	