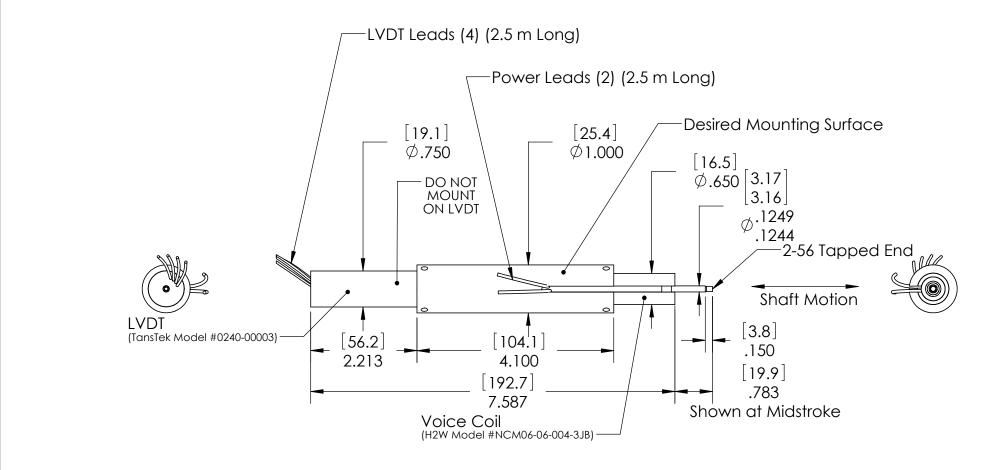
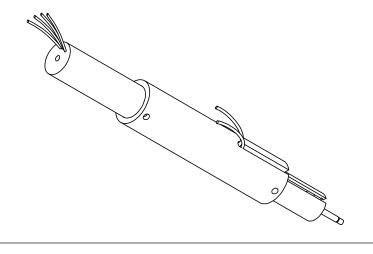
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UNLESS SPECIFIED OTHERWISE: All dimensions are in inches All dimensions are in menes
Standard Tolerances are as follows
XXX ± .005 ANGLES ±1°
XX ±.010 FILLETS .010
X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL.			
FINISH			
DRAWN	DATE	APPROVED	DATE
	10 15 00		
JRM	12-15-09	MPW	12-15-09
	FINISH	FINISH DRAWN DATE	FINISH DRAWN DATE APPROVED

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

30-0852

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				

Moving Magnet Non-Comm Actuator w/LVDT Feedback Model# NCM06-06-004-3JBT				
DWG # 30-0852	REV A	SHEET 2 of 2		