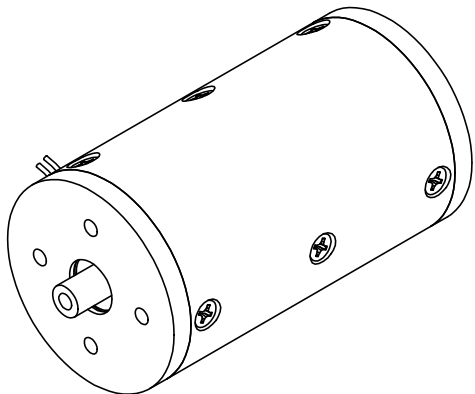
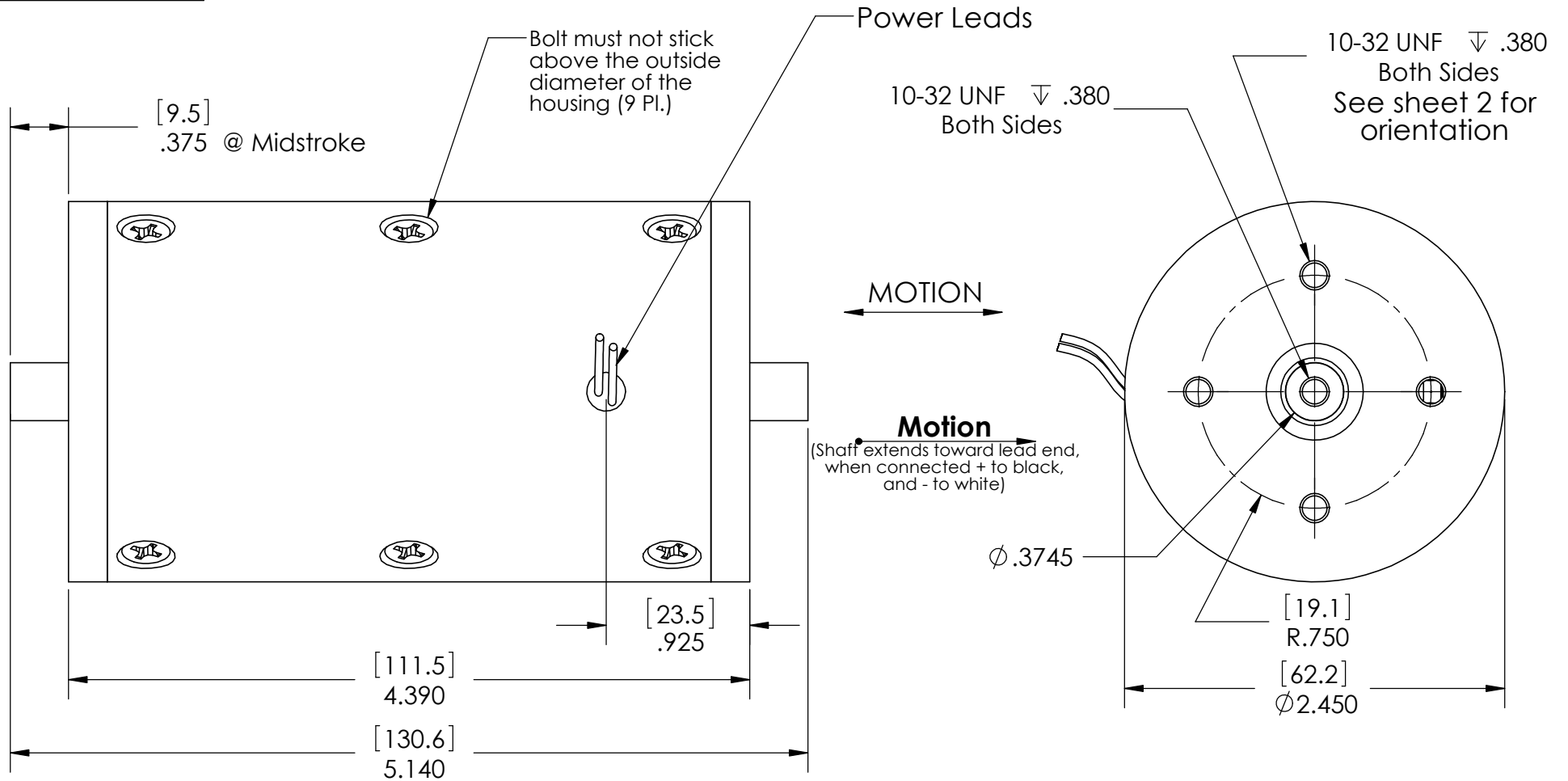


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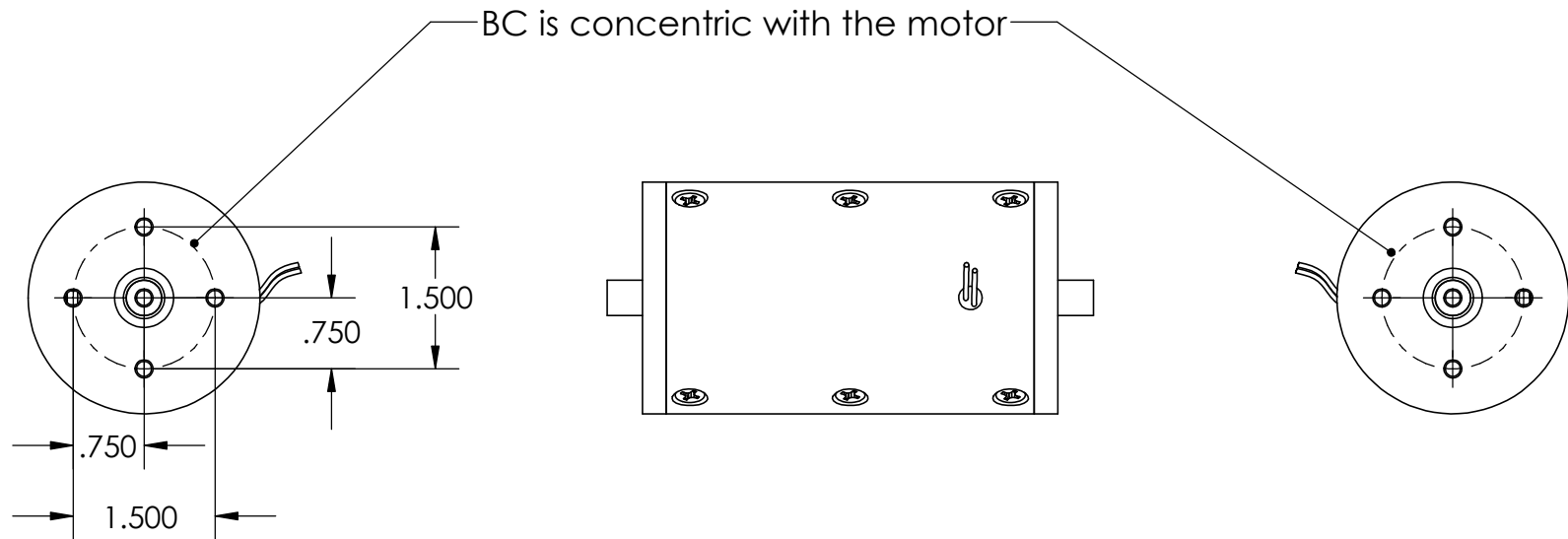


UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX \pm .005 ANGLES \pm 1°
XX \pm .010 FILLETS .010
X \pm .020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	1-24-07	MPW	1-24-07

TITLE			
Non-Comm Moving Magnet Actuator Model# NCM08-25-100-2LB			
DWG #	REV	SHEET	
30-0550	D	1 of 3	

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TITLE		
Non-Comm Moving Magnet Actuator Model# NCM08-25-100-2LB		
DWG #	REV	SHEET
30-0550	D	2 of 3

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM08-25-100-2LB	
Stroke	0.75"	19.1 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Linear Bushings	
Moving Mass	1.01 lbs	460 grams
Total Mass	3.60 lbs	1635 grams
Resistance @ 20C	10.4 ohms	
Inductance @ 20C	5.1 mH	
Electrical Time Constant	0.49 msec	
Motor Constant	2.16 LBS/SQRT(Watt)	9.6 N/SQRT(Watt)
Force Constant	7.0 LBS/Amp	30.9 N/Amp
Back EMF	0.8 V/ips	30.9 V/m/sec
Continuous Force	10 LBS	45 N
Max Power @ 100% Duty	21 Watts	
Peak Force	30 LBS	134 N
Max Power @ 10% Duty	193 Watts	