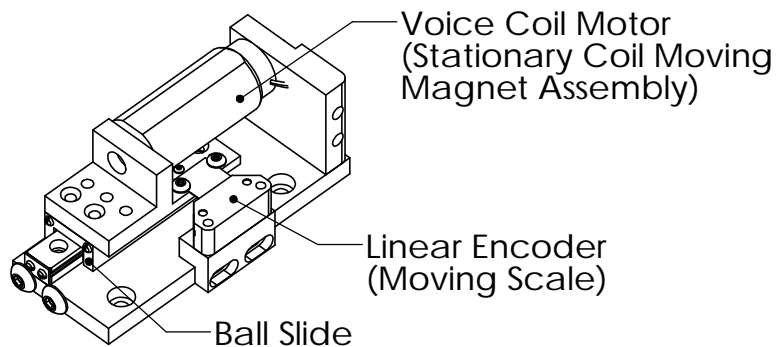
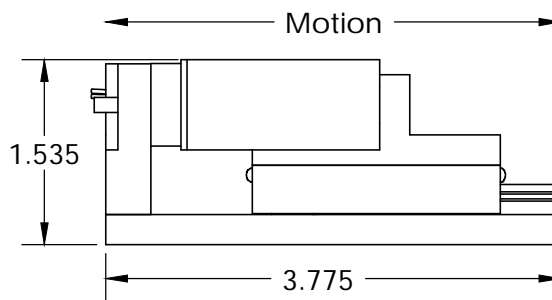
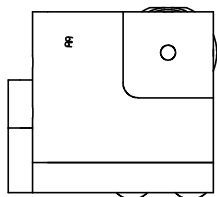
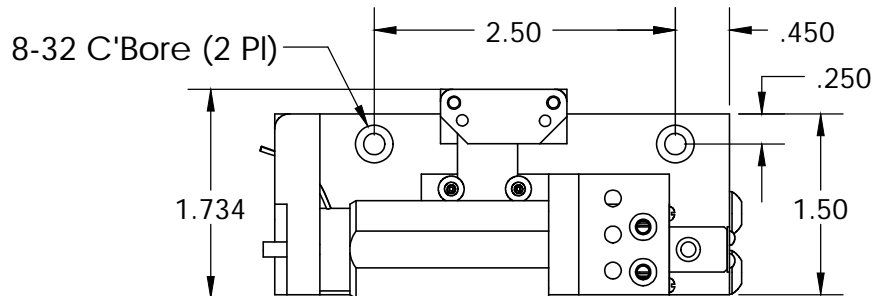


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UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows: .XXX ±.005 ANGLES ±1° .XX ±.010 FILLETS .010 .X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges				<b>MATERIAL</b>		<b>TITLE</b>	
				<b>FINISH</b>		Voice Coil Positioning Stage <b>Model #: VCS06-005-BS-12</b>	
<b>DRAWN</b> OOG	<b>DATE</b> 8-22-05	<b>APPROVED</b> MPW	<b>DATE</b> 8-22-05	<b>DWG #</b> <b>30-0426</b>	<b>REV</b> ---	<b>SHEET</b> 1 of 2	

<b>VOICE COIL POSITIONING STAGE SPECIFICATIONS</b>		
Motor P/N	NCC06-08-005-2X	
Stroke	0.60"	15.2 mm
Encoder Resolution	1 micron	
Bearing Type	Ball Slide	
Moving Mass	0.24 LBS	109 grams
Total Mass	0.5 LBS	230 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	0.60 mH	
Electrical Time Constant	0.20 msec	
Motor Constant	0.50 LBS/SQRT(Watt)	2.23 N/SQRT(Watt)
Force Constant	0.87 LBS/Amp	3.85 N/Amp
Back EMF	0.10 V/ips	3.85 V/m/sec
Continuous Force	0.85 LBS	3.78 N
Max Power @ 100% Duty	3 Watts	
Peak Force	2.55 LBS	11.35 N
Max Power @ 10% Duty	26 Watts	

TITLE		
Voice Coil Positioning Stage Model #: VCS06-005-BS-12		
DWG #	REV	SHEET
30-0426	---	2 of 2