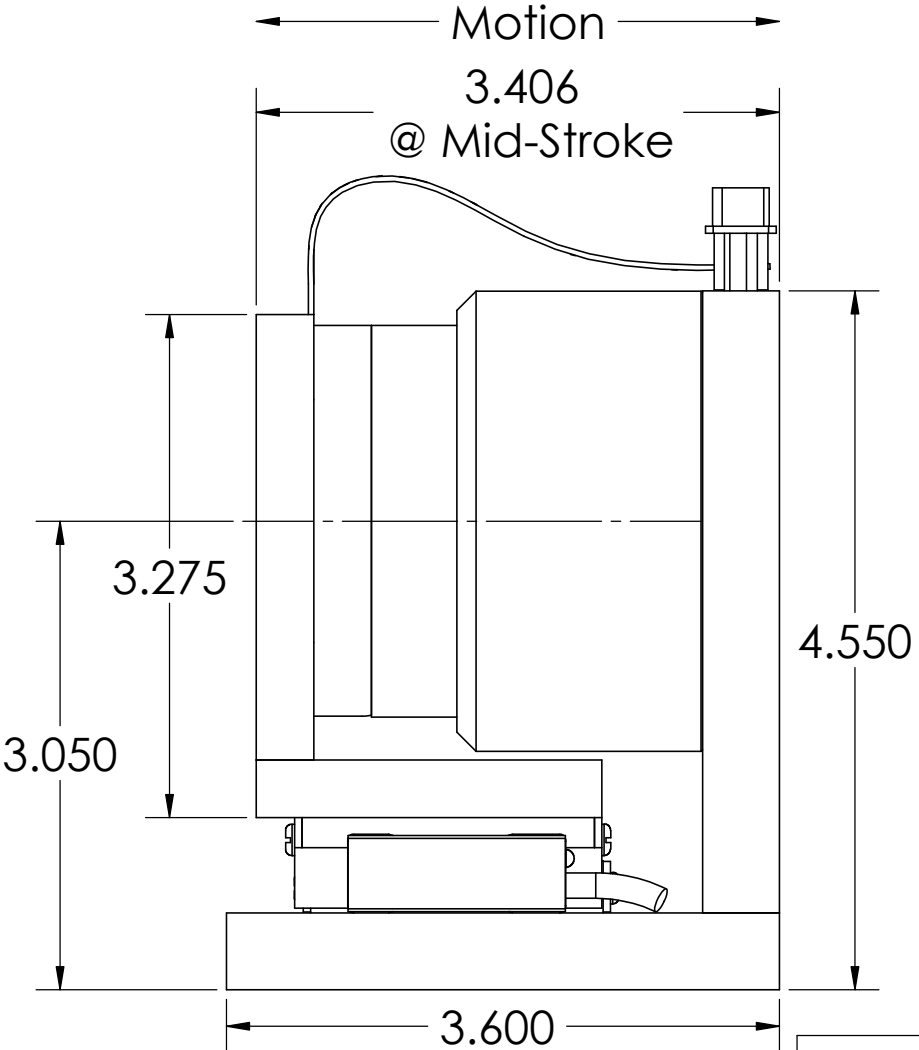
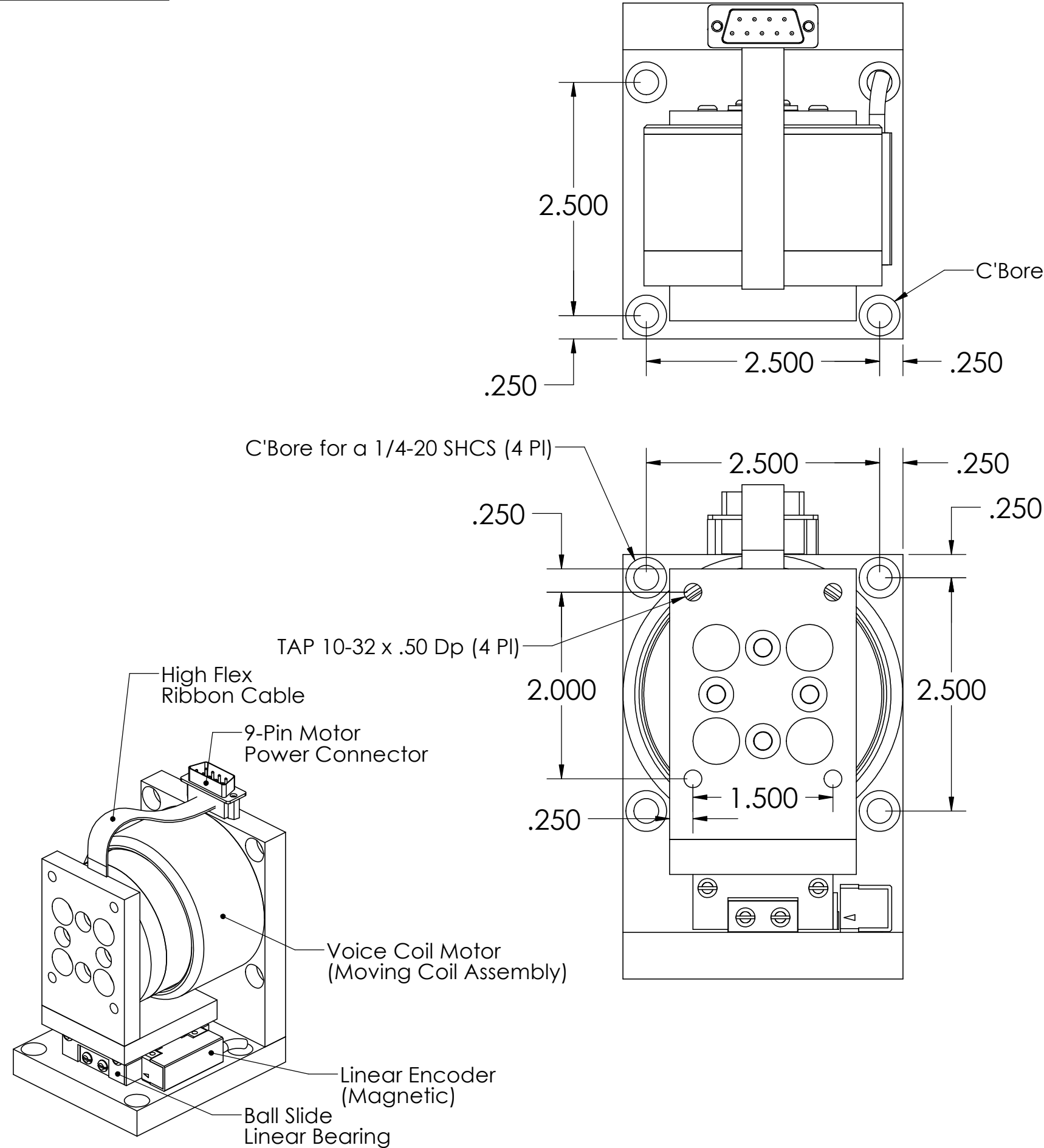


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MAGNET ASSEMBLY HAS BEEN HIDDEN TO SHOW MOUNTING HOLES



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

MATERIAL			
FINISH			
DRAWN OOG	DATE 9-17-10	APPROVED MPW	DATE 9-17-10

TITLE			
Voice Coil Positioning Stage Model #VCS10-108-BS-01-MC			
DWG #	REV	SHEET	
31-0235	---	1 of 2	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC10-30-108-1H	
Stroke	1.00"	25.4 mm
Encoder Resolution	1 micron	
Bearing Type	Ball Slide	
Moving Mass	0.92 lbs	418 grams
Total Mass	4.47 lbs	2.0 Kg
Resistance @ 20C	4.0 ohms	
Inductance @ 20C	4.0 mH	
Electrical Time Constant	1.0 msec	
Motor Constant	2.5 LBS/SQRT(Watt)	11.0 N/SQRT(Watt)
Force Constant	5.0 LBS/Amp	22.0 N/Amp
Back EMF	0.6 V/ips	22.0 V/m/sec
Continuous Force	10.8 LBS	48 N
Max Power @ 100% Duty	19 Watts	
Peak Force	32.4 LBS	144 N
Max Power @ 10% Duty	168 Watts	

