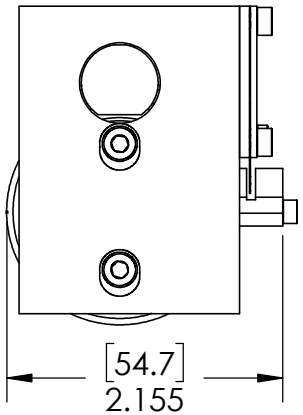
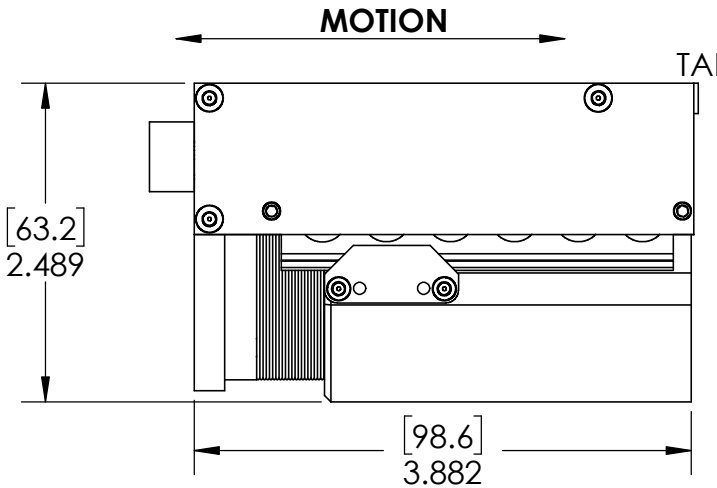
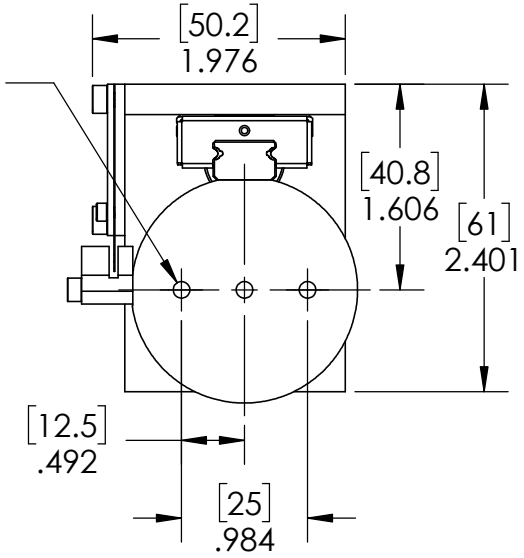
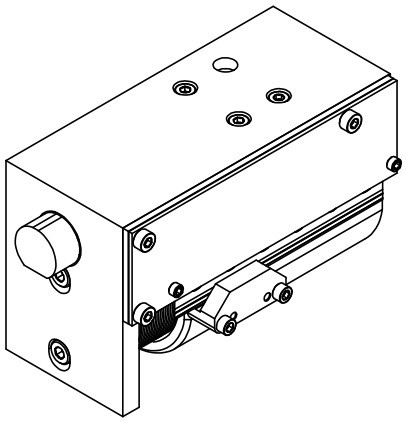
STAGE SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	9-27-17
A	2017	Addes specifications sheet (Sheet 2)	SDC	MPW	10-10-17









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VOICE COIL POSITIONING STAGE SPECIFICATIONS		
Motor P/N	NCC24-18-029-1X	
Stroke	2.4 in	61.0 mm
Encoder Resolution	3 micron	
Bearing Type	Linear Rail Bearing	
Moving Mass	1.6 lbs	726 grams
Total Mass	2.0 lbs	894 grams
Resistance @ 20C	4.5 ohms	
Inductance @ 20C	5.4 mH	
Electrical Time Constant	1.2 msec	
Motor Constant	0.58 LBS/SQRT(Watt)	2.6 N/SQRT(Watt)
Force Constant	1.2 LBS/Amp	5.5 N/Amp
Back EMF	0.14 V/ips	5.5 V/m/sec
Continuous Force	2.9 lbs	12.9 N
Max Power @ 100% Duty	25 Watts	
Peak Force	8.7 lbs	38.7 N
Max Power @ 10% Duty	225 Watts	

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FOR REFERENCE ONLY

MATERIAL

FINISH

TITLE
Voice Coil Stage Model #:
VCS24-029-LB-03

DWG # **31-0813**
REV **A**
DATE 10-10-17
SHEET 2 of 2