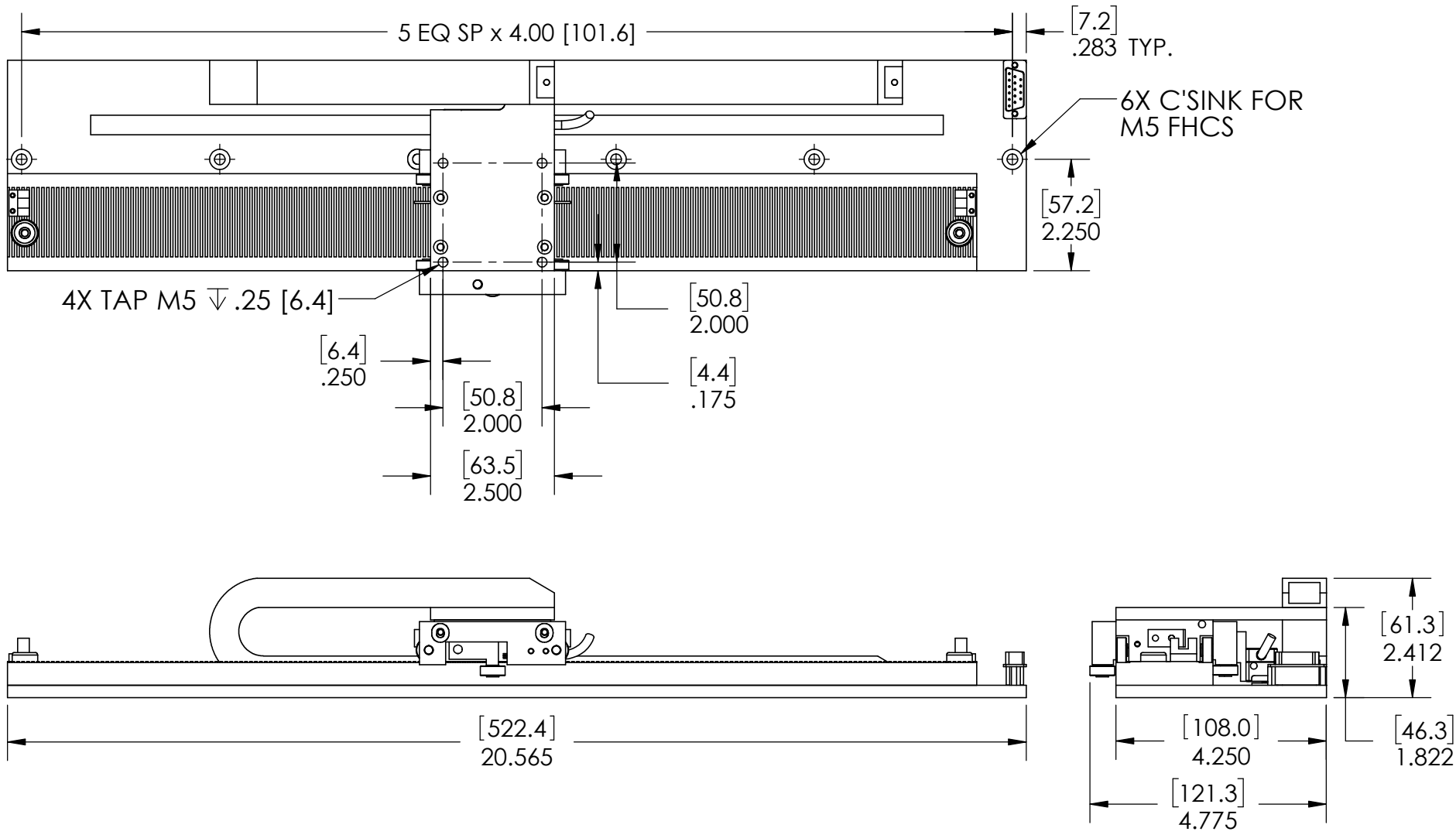


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	6-15-18

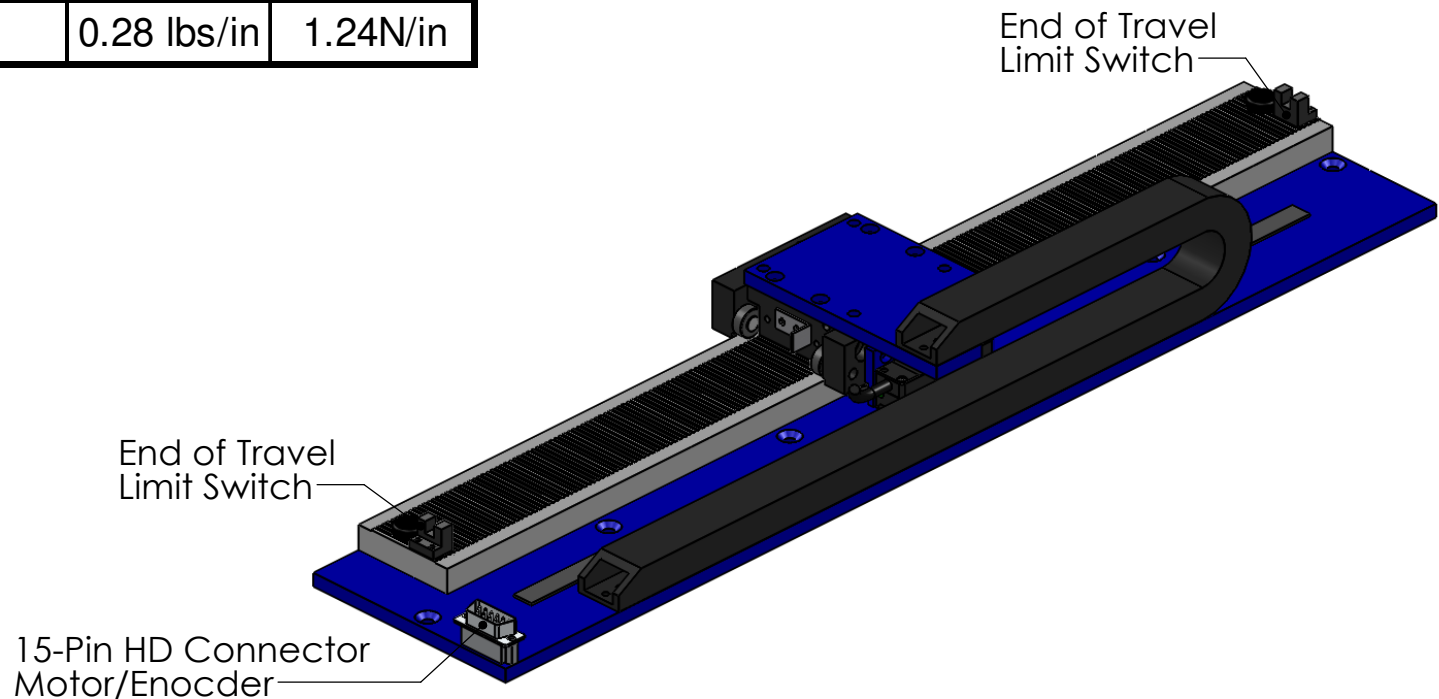


LINEAR STEPPER STAGE SPECIFICATIONS

Motor P/N	STS-0620-R	
Continuous Force	6.0 lbs	26.7 N
Stroke	16in	406mm
Absolute Encoder Resolution	0.977 micron	
Rated Current	2.0 Amp	
Resistance/Phase @ 20C	2.40 ohms	
Inductance/Phase @ 20C	3.0 mH	
Motor Phases	2	
Bearing Type	Roller Bearing	
Nominal Airgap	0.0015"	
Motor Mass	9.8 oz	279 grams
Platen Mass	0.28 lbs/in	1.24N/in

15-HD D-Sub Male

Pin	Function	Color
1	Motor B+	Green + Yellow
2	Motor B-	Blue + Red
3	Motor A+	Pink + Grey
4	Motor A-	Brown + White
5	Motor Cable Shield	Shield
6	MA-	Blue
7	MA+	Pink
8	SLO-	Red
9	SLO+	Grey
10	N/C	
11	N/C	
12	N/C	
13	Encoder Power (5V)	Brown
14	Encoder Ground	White
15	Encoder Cable Shield	Shield



A

A

B

B

C

C

D

D



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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

**FOR
 REFERENCE
 ONLY**

MATERIAL
 FINISH

TITLE
 Linear Stepper Stage Model #:
LSS-016-04-006-01A-ME

DWG # **10-0668**
 REV ----
 DATE 6-15-18 SHEET 2 of 2