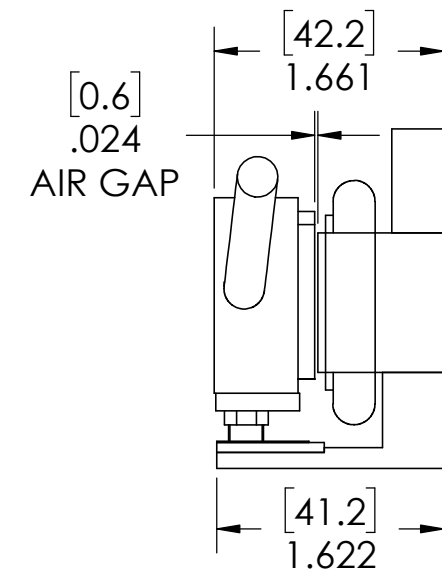
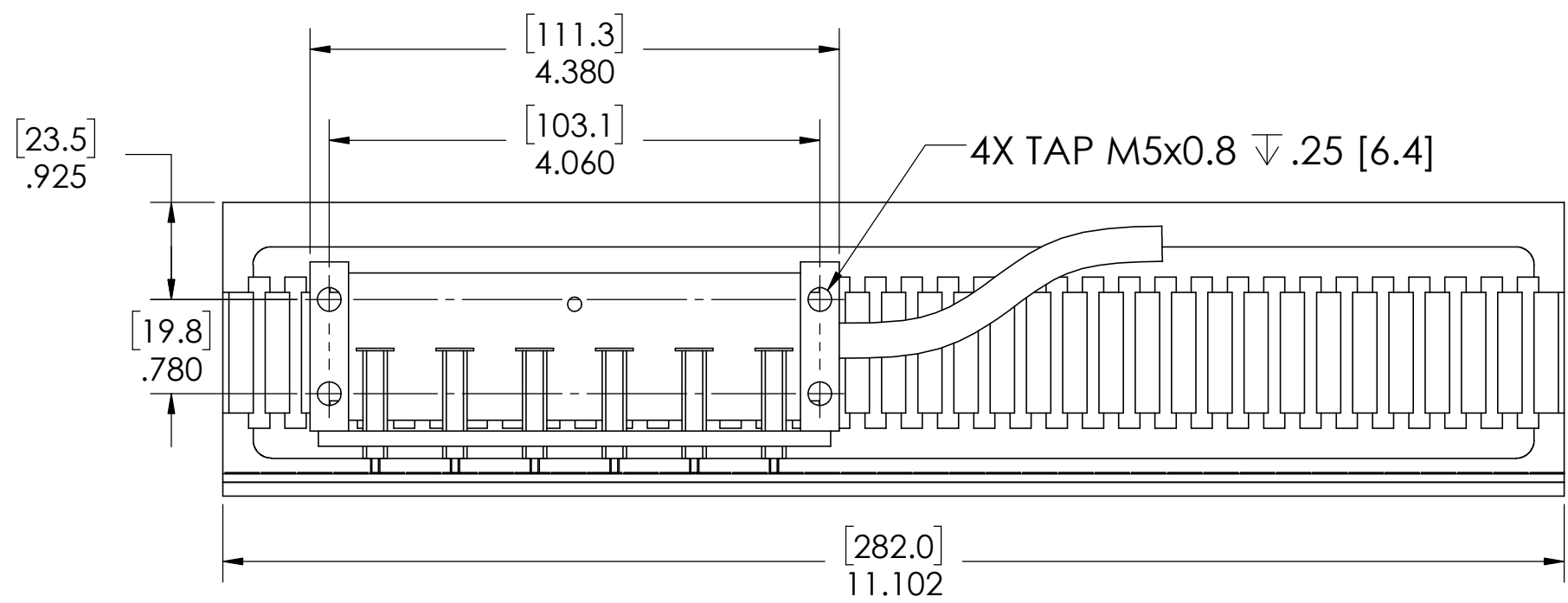
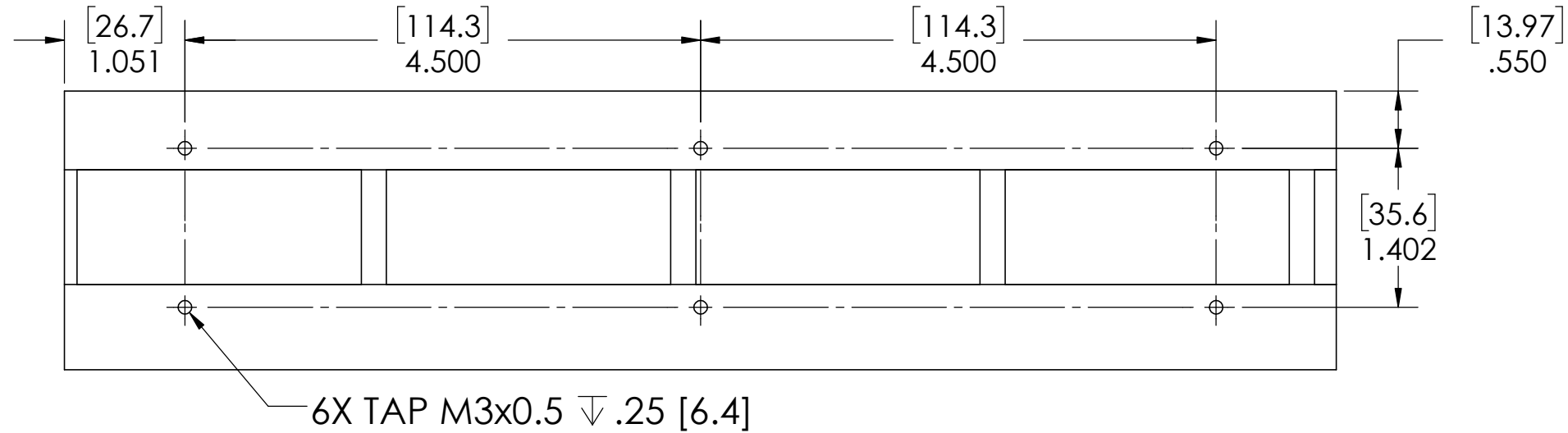


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
--	--	Original Drawing	OOG	MPW	9-25-02



1

2

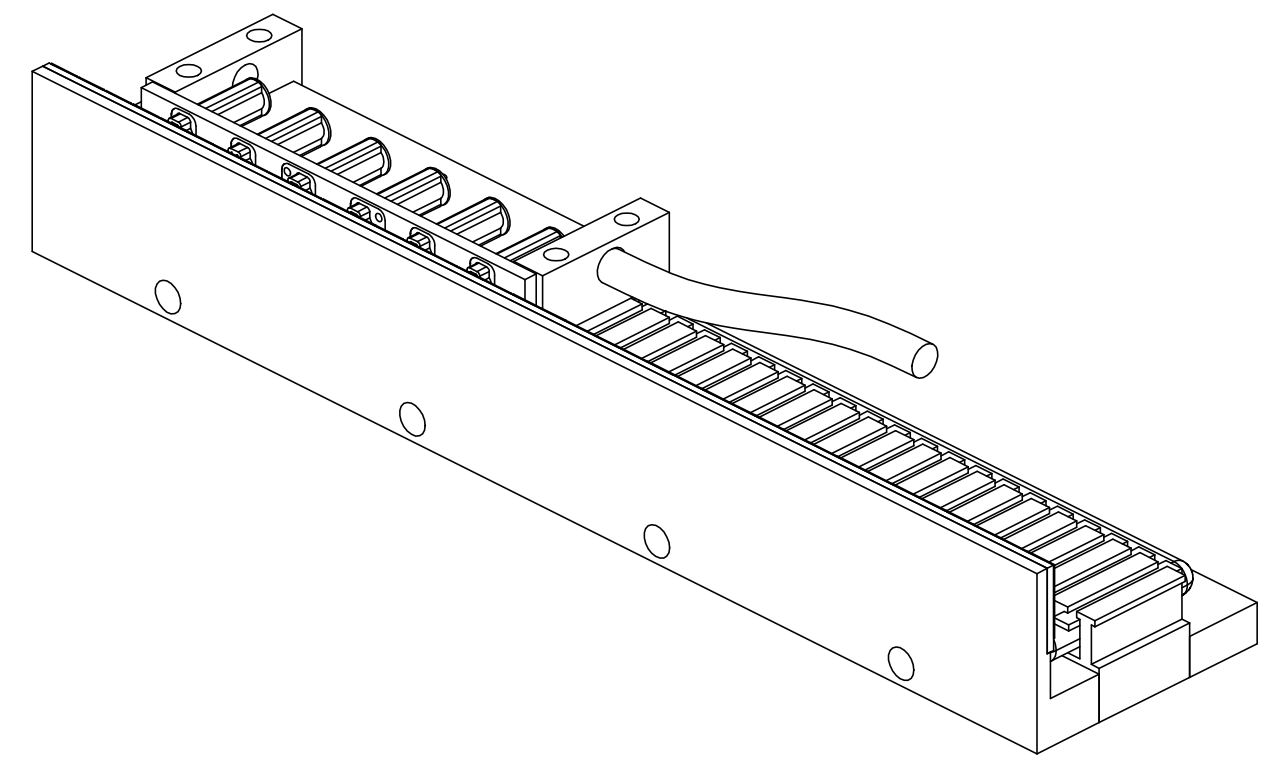
3

4

5

### BRUSH LINEAR MOTOR SPECIFICATIONS

Travel (Stroke)	6.1 in	155 mm
Air Gap	0.03 in	0.6 mm
Force @ 100% Duty Cycle	8.5 lbs	38 N
Force @ 10% Duty Cycle	25.6 lbs	114 N
Current @ 100% Duty Cycle	5.0 amps	
Current @ 10% Duty Cycle	15.0 amps	
Resistance @ 20°C	1.4 ohms	
Electrical Time Constant	1.7 msec	
Back Emf	8.0 V/m/sec	
Motor Constant	7.6 N/amp	
Magnetic Attraction	400 N	



A

A

B

B

C

C

D

D



**H2W Technologies, Inc.**  
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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  
 Brush Linear Motor Model #:  
**BRA006-064038-LX**

DWG # **50-0084**  
 REV ----  
 DATE 9-25-02 SHEET 2 of 2