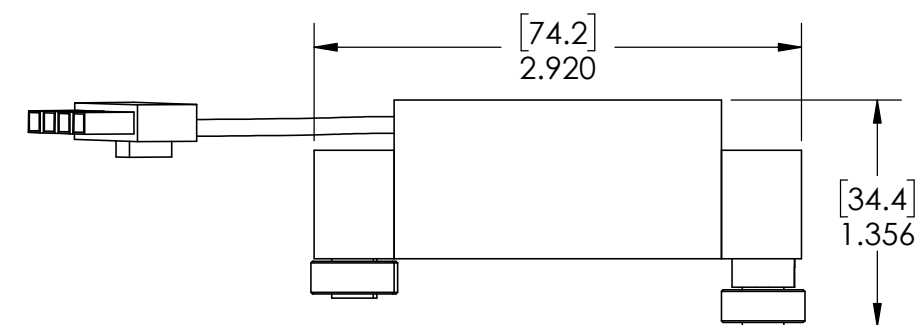
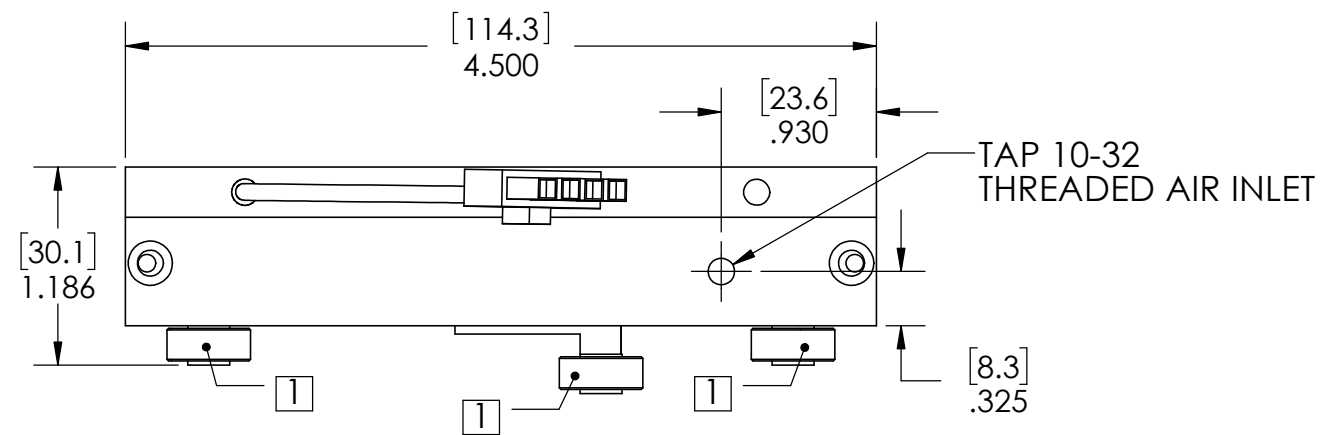
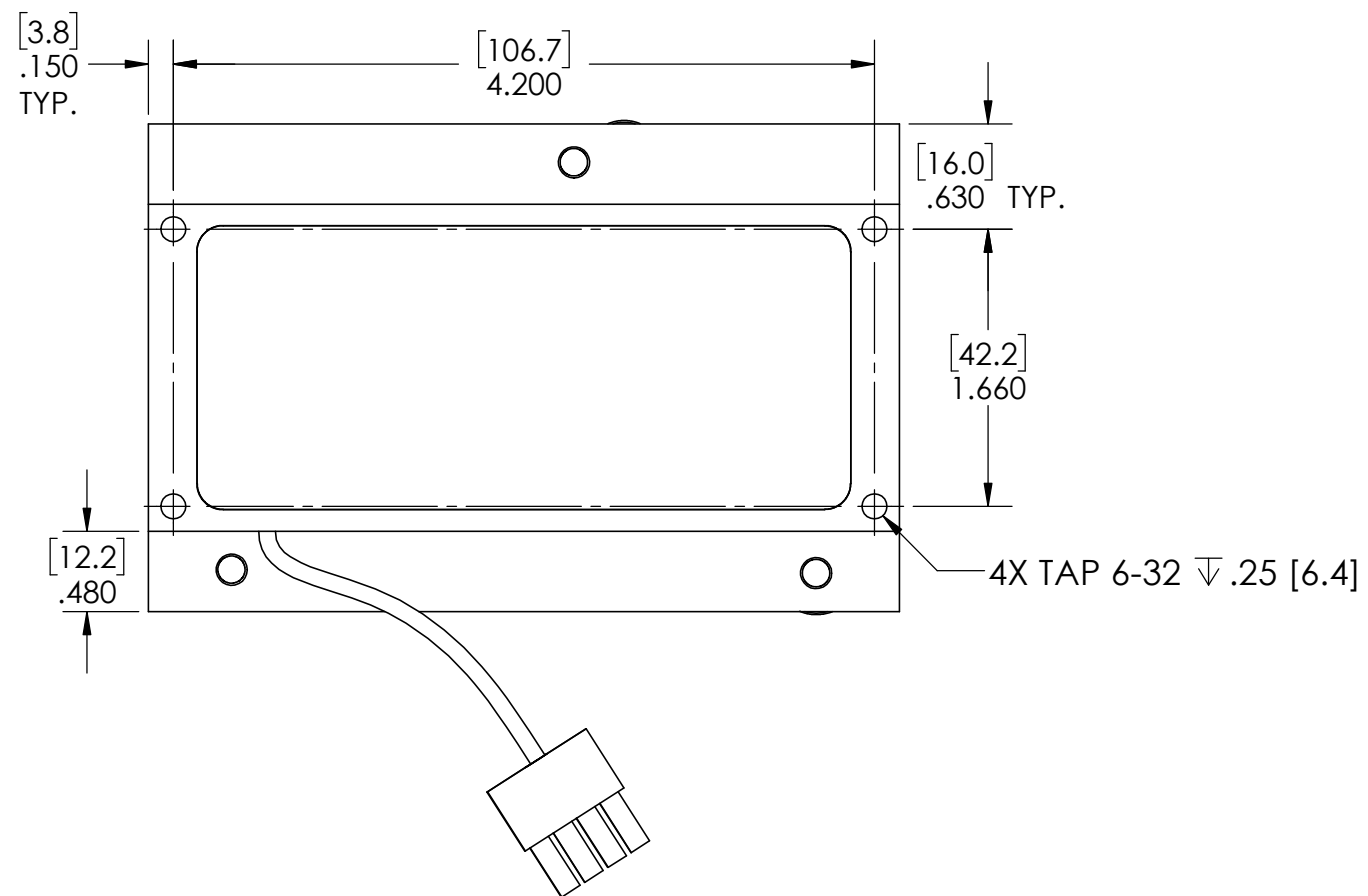


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	8-1-10



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 .XX ±.010 FILLETS .010
 .X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

**FOR
 REFERENCE
 ONLY**

MATERIAL

FINISH

TITLE

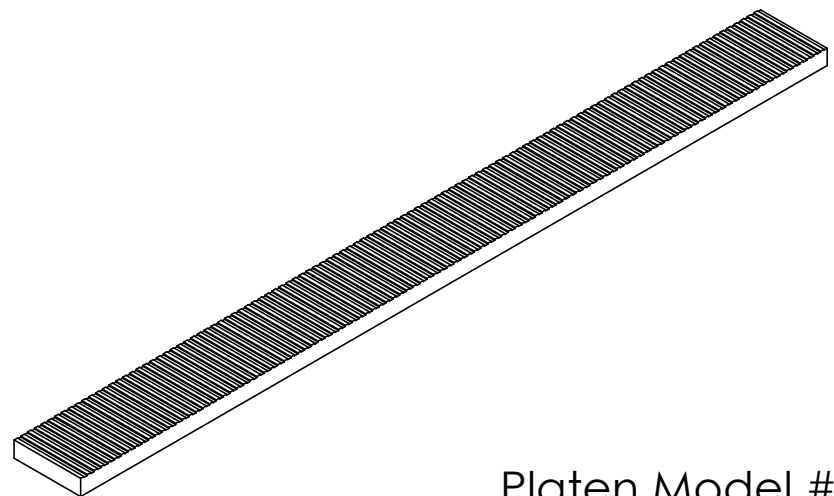
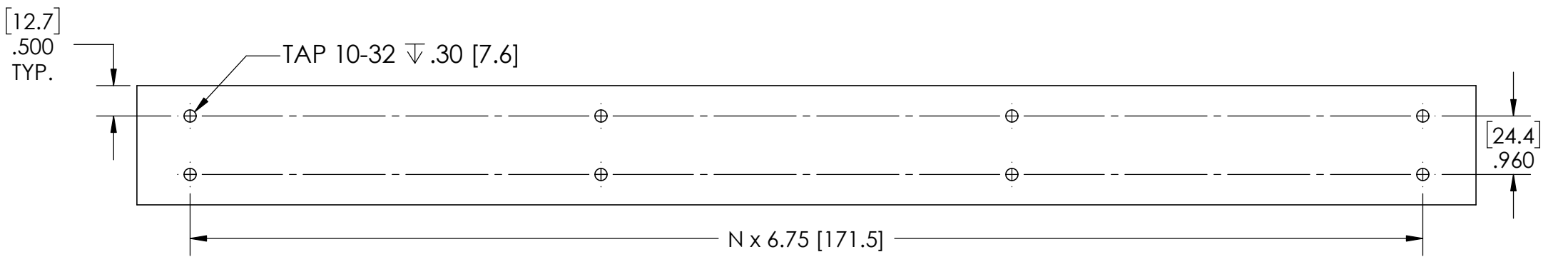
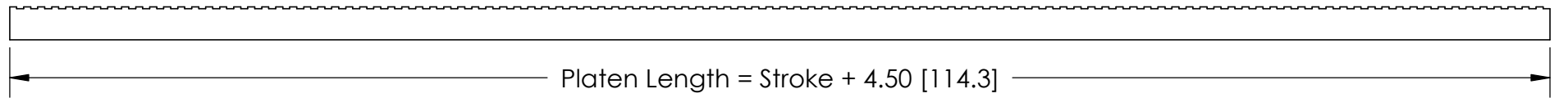
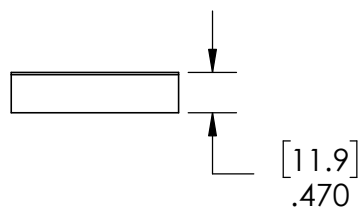
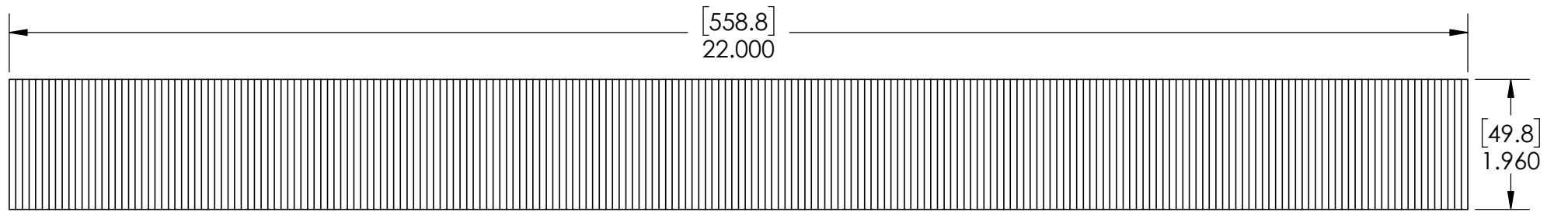
Single Axis Stepper Model #:
STS-1220-AP4T

DWG # **10-0528**

REV **----**

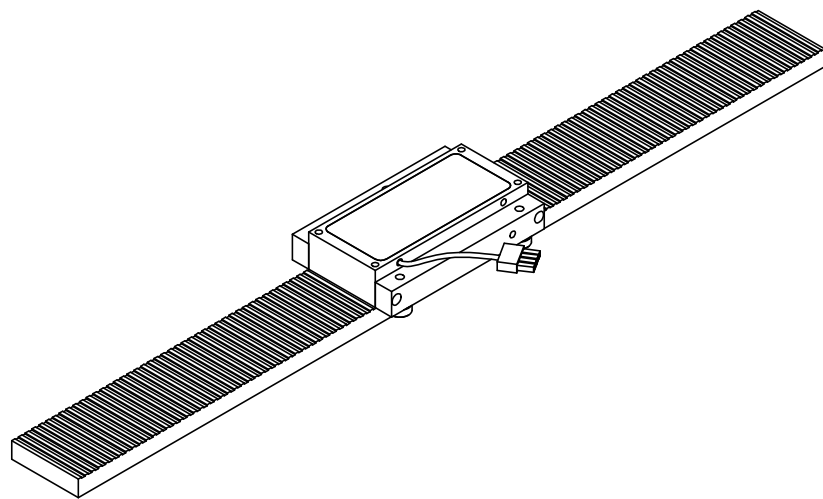
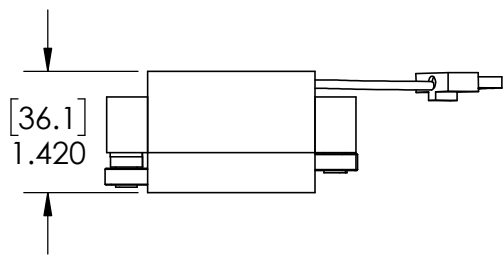
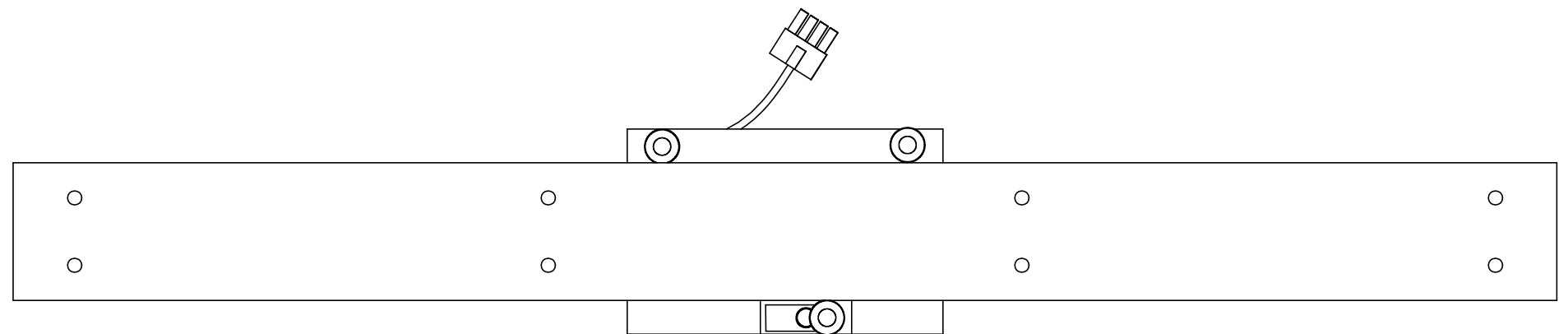
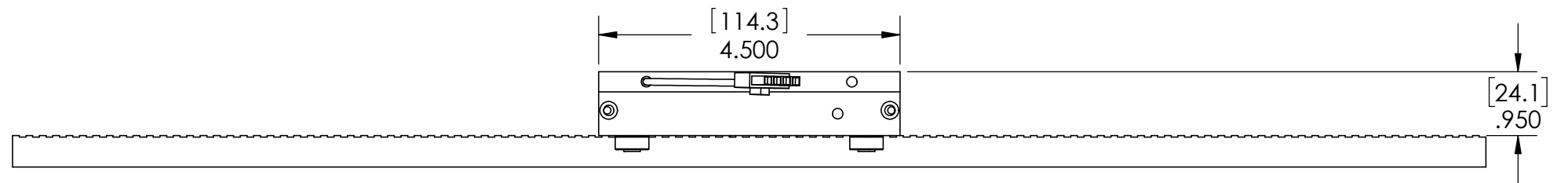
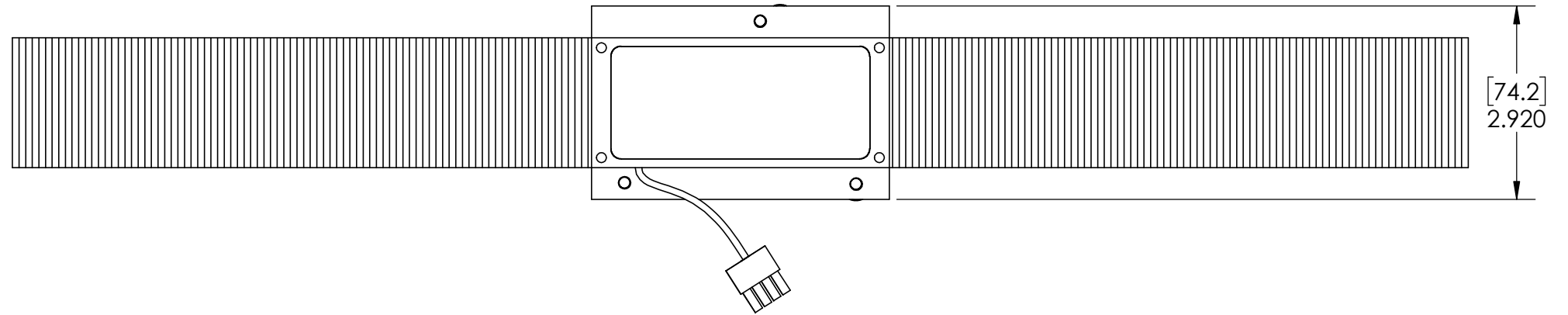
DATE **8-1-10** SHEET **1 of 4**

COMPATIBLE PLATEN SPECIFICATIONS



Platen Model #: STP-20-XXX-A

MOTOR SHOWN MOUNTED ON PLATEN



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MATERIAL	
FINISH	

TITLE	Single Axis Stepper Model #: STS-1220-AP4T
-------	--

DWG #	10-0528
REV	----
DATE	8-1-10
SHEET	3 of 4

1

2

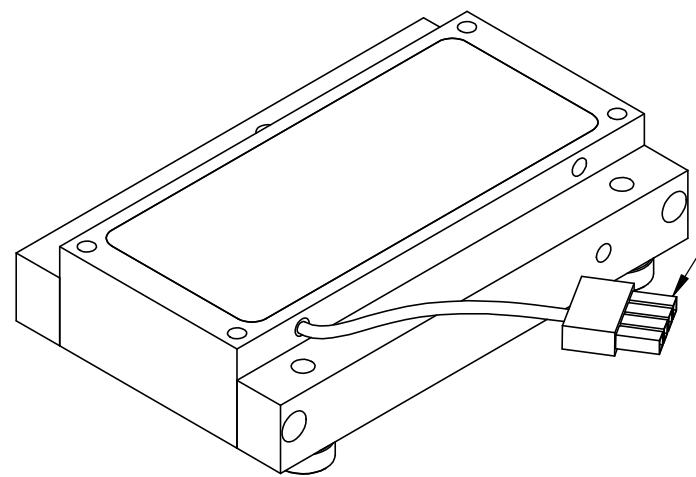
3

4

5

LINEAR STEPPER MOTOR SPECIFICATIONS

Motor P/N	STS-1220-AP4T	
Continuous Force	12.0 LBS	53.1 N
Rated Current/Phase	3.75 Amp	
Resistance/Phase @ 20C	1.15 ohms	
Inductance/Phase @ 20C	1.15 mH	
Motor Phases	2	
Bearing Type	Air Bearing	
Nominal Air Pressure	60 psi	
Motor Mass	14.8 oz	419 grams

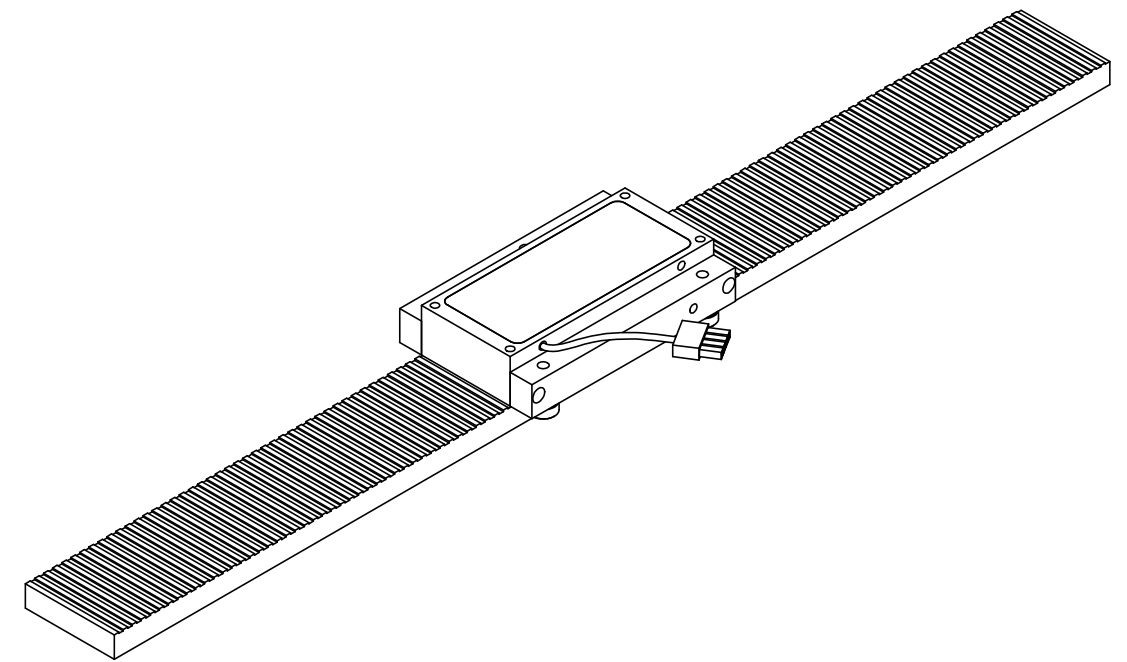


MOTOR POWER CONNECTOR
Molex P/N: 39-01-4041

Lead Color	Function
Red	A+
White	A-
Orange	B+
Green	B-

Molex P/N: 39-01-4041
CONNECTS TO
Molex P/N: 39-01-4046

LEAD WIRE LENGTH: 6.0in [152.4mm]



NOTES:

1 ALL BEARINGS HAVE DOUBLE TEFLON SEALS.



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MATERIAL	
FINISH	

TITLE	Single Axis Stepper Model #: STS-1220-AP4T
-------	--

DWG #	10-0528
REV	----
DATE	8-1-10
SHEET	4 of 4