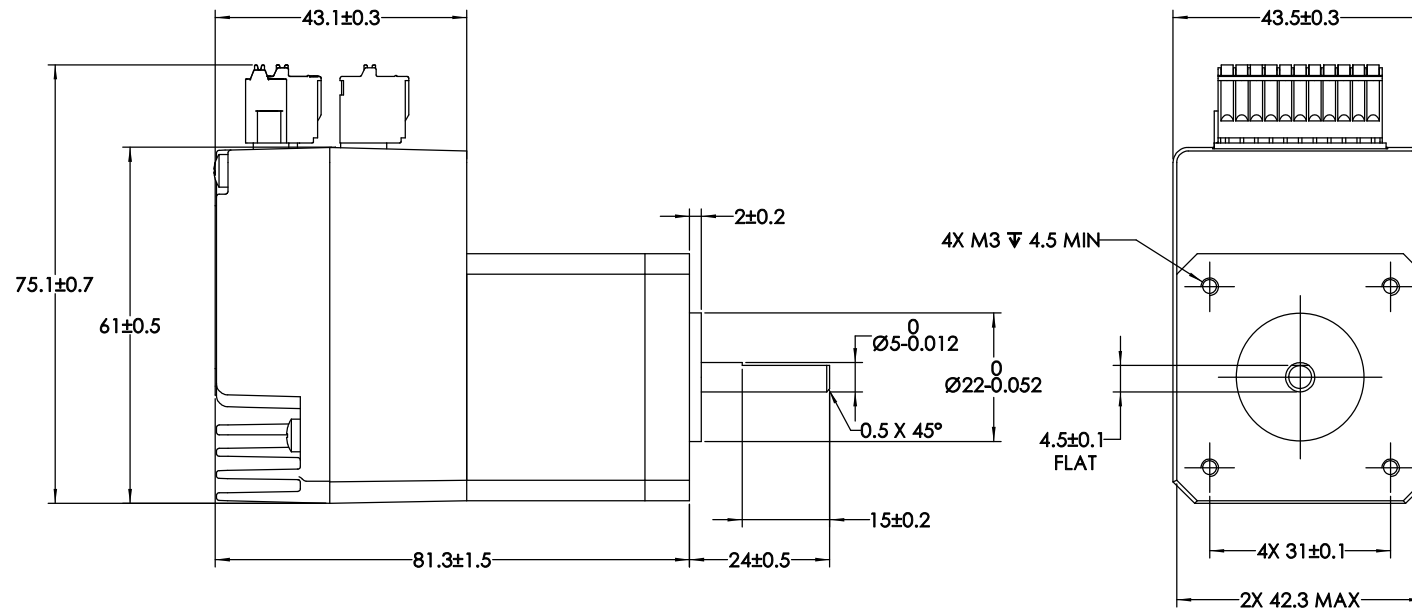


4

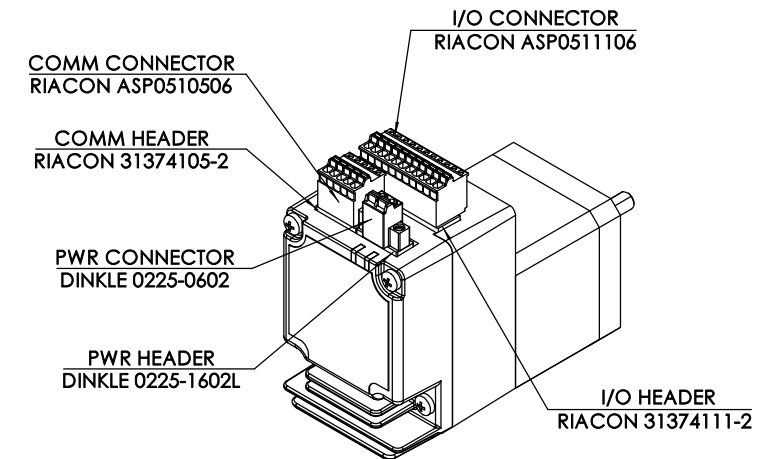
3

REVISIONS				
ECO #	REV.	DESCRIPTION	DATE	APPROVED
6156	A	INITIAL RELEASE	8/4/2010	J. KORDIK
7354	B	ADD TOLERANCES	1/19/2016	J. KORDIK
8734	C	POWER CONNECTOR PART CHANGE, SPECS ADDED	12/20/2021	M. MARONEY

B



B



A

SPECIFICATIONS			
INPUT VOLTAGE	12 TO 48 VDC	HOLDING TORQUE	0.6N·m
STEP ANGLE	1.8°	MAX AXIAL LOAD	5.1N [2]
STEP ACCURACY	±0.09°	MAX RADIAL LOAD	20N [2]
OPERATING TEMP	0 TO 40°C	RADIAL PLAY	0.02mm MAX (500gf RADIAL LOAD)
STORAGE TEMP	-20 TO 50°C	END PLAY	0.08mm MAX (500gf AXIAL LOAD)
TEMP RISE	80°C MAX	SHAFT RUNOUT	0.05mm T.I.R. MAX
ROTOR INERTIA	82g·cm ²	WEIGHT	520g
IP RATING	IP20	APPROVALS	CE, RoHS

NOTES:

- REFER TO PRODUCT HARDWARE MANUAL ON APPLIED-MOTION.COM FOR MORE DETAILS.
- SHAFT LOADS FOR L₁₀ LIFE OF 20,000 HOURS AT 1000 RPM. RADIAL LOAD AT END OF SHAFT.

A

APPLIED MOTION PRODUCTS A MOONS' COMPANY		THIRD ANGLE PROJECTION	NAME	DATE	TITLE:
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APPLIED MOTION PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF APPLIED MOTION PRODUCTS IS PROHIBITED.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN	Tang Jladong	Sep 17, 2021	INTEGRATED STEPPER MOTOR
	TOLERANCES:	PRE-CHECK	Guo Wenxiang	Sep 17, 2021	
	- ANGULAR: ± 0.5	PRE-APPROVAL	Wang Wei	Sep 17, 2021	
	- ONE DECIMAL PLACE: ± 0.25	FIN.CHECK	K.KESLER	Dec 20, 2021	
	- TWO DECIMAL PLACES: ± 0.13	COMMENTS:			SIZE DWG. NO. REV B STM17S-3AE C
	MATERIAL				SCALE: 1:1 SHEET 1 OF 1
	FINISH				
	DO NOT SCALE DRAWING				

4

3

2

1