

DB01-403-01 SPECIFICATIONS

MATERIAL:

TRAY: 0.063" ALCLAD 2024-T3 MEETING AMS-QQ-A-250/5

PLENUM: 1" 6061-T6511 MEETING AMS-QQ-A-200/8

FINISH:

CONVERSION COATING PER MIL-DTL-81706

DESIGN:

4MCU DIMENSIONS PER ARINC 600

FAN INCLUDED, SEE BELOW

SILICONE GASKET INCLUDED

MOUNTING HOLES NOT DRILLED

LOCKING LRU HOLD-DOWN PER M85731

WEIGHT: 3.4 POUNDS

INSTALLATION CONSIDERATIONS:

IF INSTALLING IN A HIGH VIBRATION ENVIRONMENT IT IS SUGGESTED TO USE PANHEAD SCREWS FOR THE REAR OF THE TRAY

ENVIRONMENTAL:

ALTITUDE PER DO-160, SECTION 4, CATEGORY F2 (55,000 FEET)

TEMPERATURE PER DO-160, SECTION 5, CATEGORY A (-55° C TO +85° C)

HUMIDITY PER DO-160, SECTION 6, CATEGORY C

OPERATIONAL SHOCK AND CRASH SAFETY PER DO-160, SECTION 7, CATEGORY A AND B (20G) (HELICOPTER AND FIXED WING)

STATIC LOAD PER PART 25 AND 29 CATEGORIES, 10.0KG LRU

VIBRATION PER DO-160, SECTION 8, CATEGORY R, CURVE C1

VIBRATION PER DO-160, SECTION 8, CATEGORY S, CURVE B3

VIBRATION PER DO-160, SECTION 8, CATEGORY U2, CURVES F AND F1

FLUIDS SUSCEPTIBILITY TESTED PER DO-160, SECTION 11, CATEGORY F
SKYDROL, CALLA 800, SAE AMS1424 TYPE 1, SAE AMS 1435C,
CALLINGTON HAVEN 1-SHOT, HALON 1211

SAND AND DUST PER DO-160, SECTION 12, CATEGORY D (DUST)

SALT SPRAY PER DO-160, SECTION 14, CATEGORY S

FUNGUS PER DO-160, SECTION 13, CATEGORY F

ICING PER DO-160, SECTION 24, CATEGORY C (.5" HARD ICE)

FIRE AND FLAMMABILITY PER DO-160, SECTION 26, CATEGORY C

SUPPORT:

3D MODELING AVAILABLE

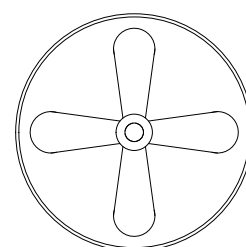
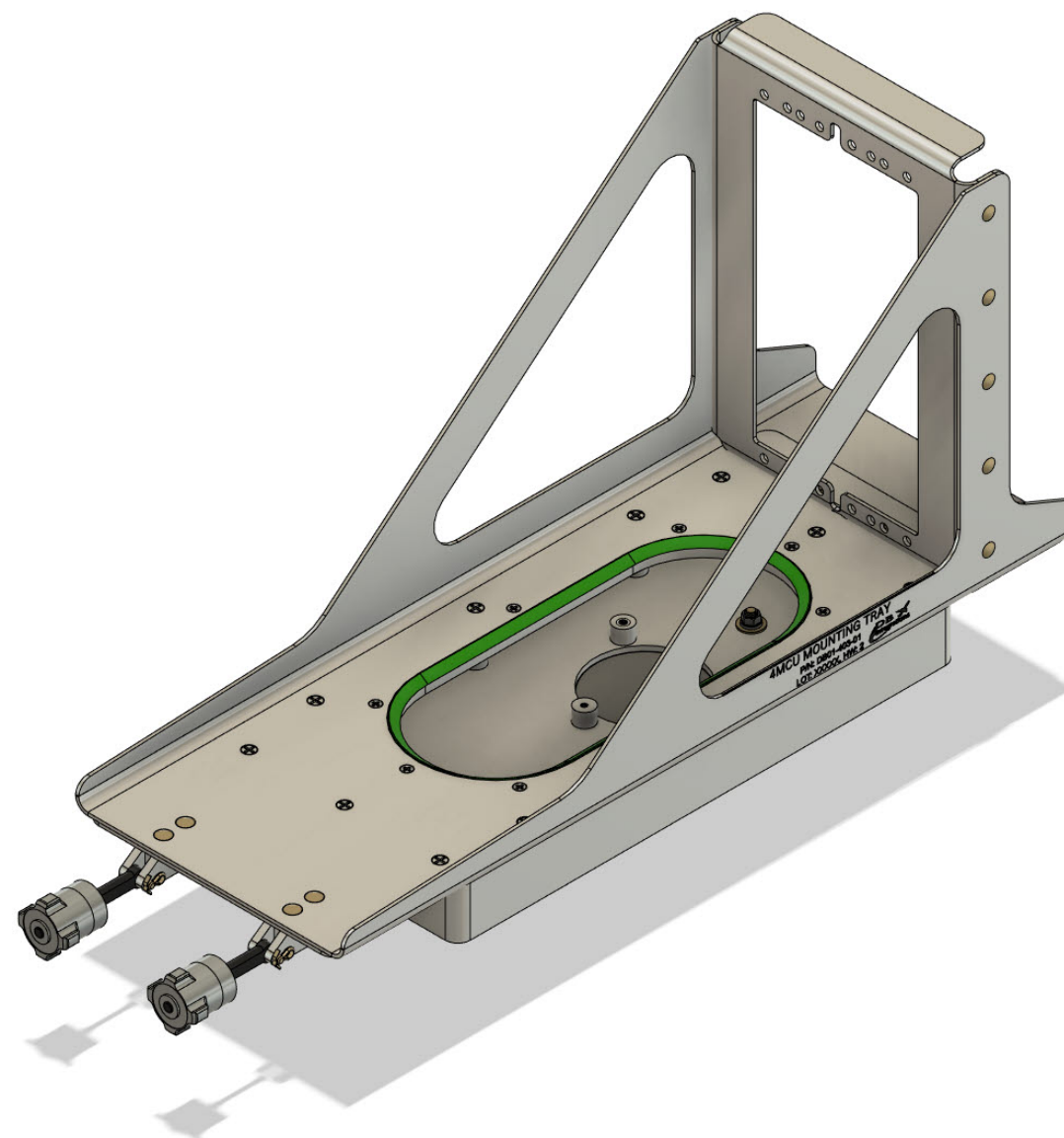
FAN INFORMATION:

FAN P/N: 026949000

FAN SPECIFICATIONS: 56CFM, 115VAC, 36 NOMINAL WATTS

FAN INTERFACE: CAPACITOR INCLUDED WITH +24" M22759 LEADS

REV	REVISION DESCRIPTION	DATE	BY
0	INITIAL RELEASE, HARDWARE VERSION 0	01/22/18	BGG
1	UPDATED ASSEMBLY, HARDWARE VERSION 1	07/12/18	BGG
2	CHANGES PER ECR_180121003_V1, HARDWARE VERSION 2	06/14/21	BSJ
3	CHANGES PER ECR_180121003_V2, REMAINS HARDWARE VERSION 2	07/19/21	BSJ
4	CHANGES PER ECR_180121003_V3, REMAINS HARDWARE VERSION 2	09/11/23	DMI
5	CHANGES PER ECR_180121003_V4, REMAINS HARDWARE VERSION 2	09/13/23	DMI



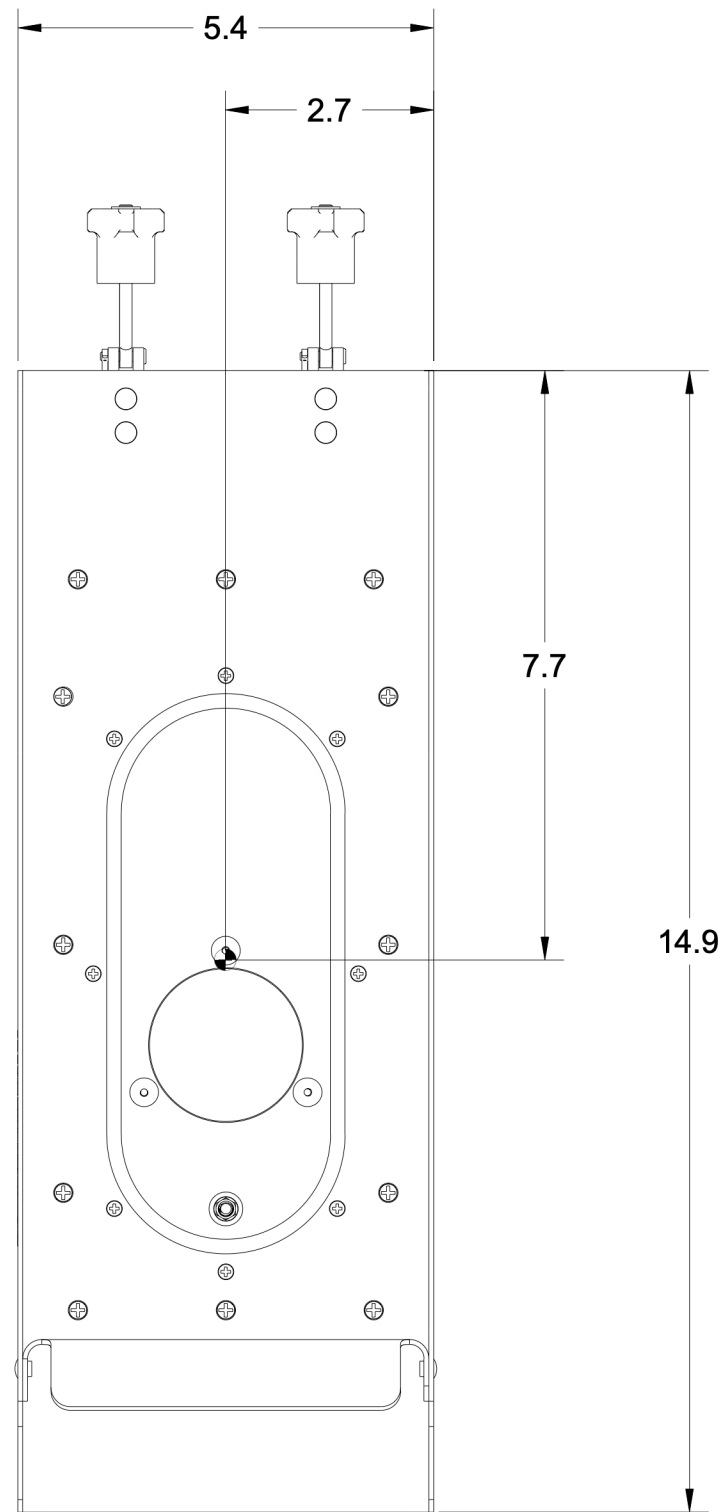
T1
T4
T5

RED
BLACK
GREEN

115VAC POWER
115VAC RETURN

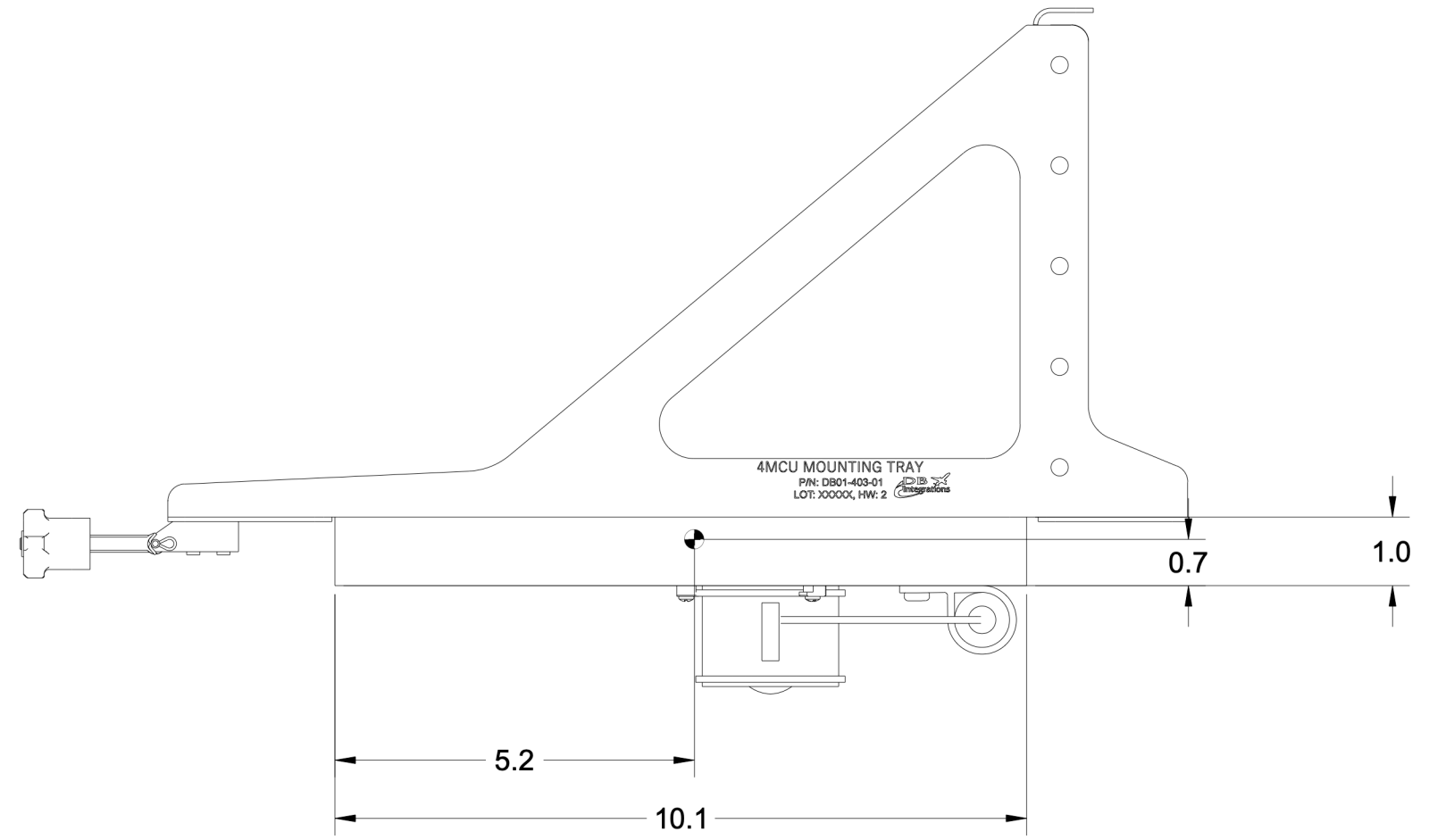
TOLERANCES: X = ± 1.000 .X = ± 0.100 .XX = ± 0.030 .XXX = ± 0.010 ANGLES = ± 2.000 FRACTION = ± 1/32

PROJECT: ARINC 600 TRAY 4MCU 115VAC, 400HZ FAN	DB Integrations LEHIGH VALLEY, PA
APPROVED: DANNY INCALCATERRA	
TITLE: DB01-403-01 OUTLINE DRAWING	SHEET: 1/3
DRAWING NO: 180121003	REV: 5




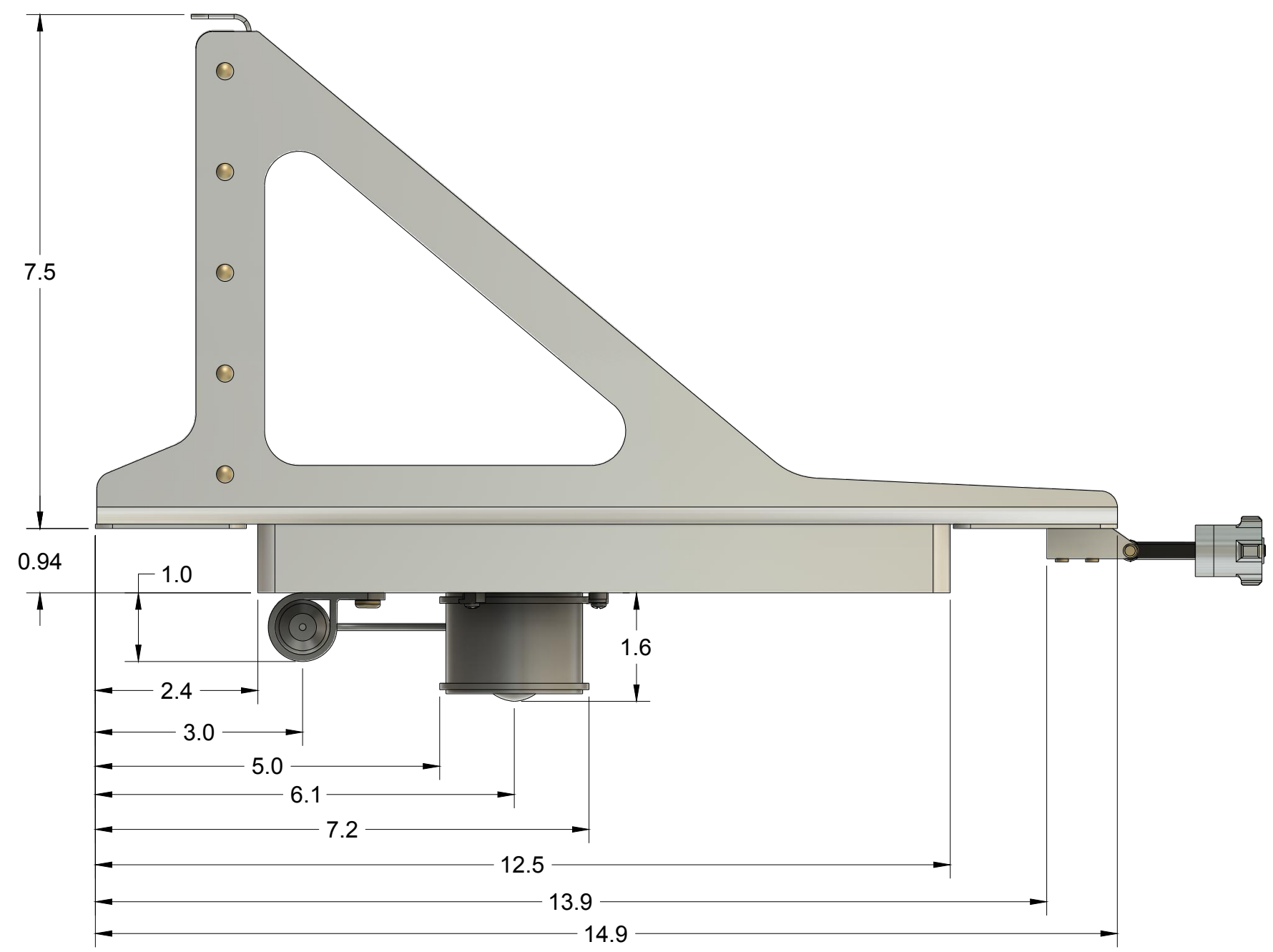
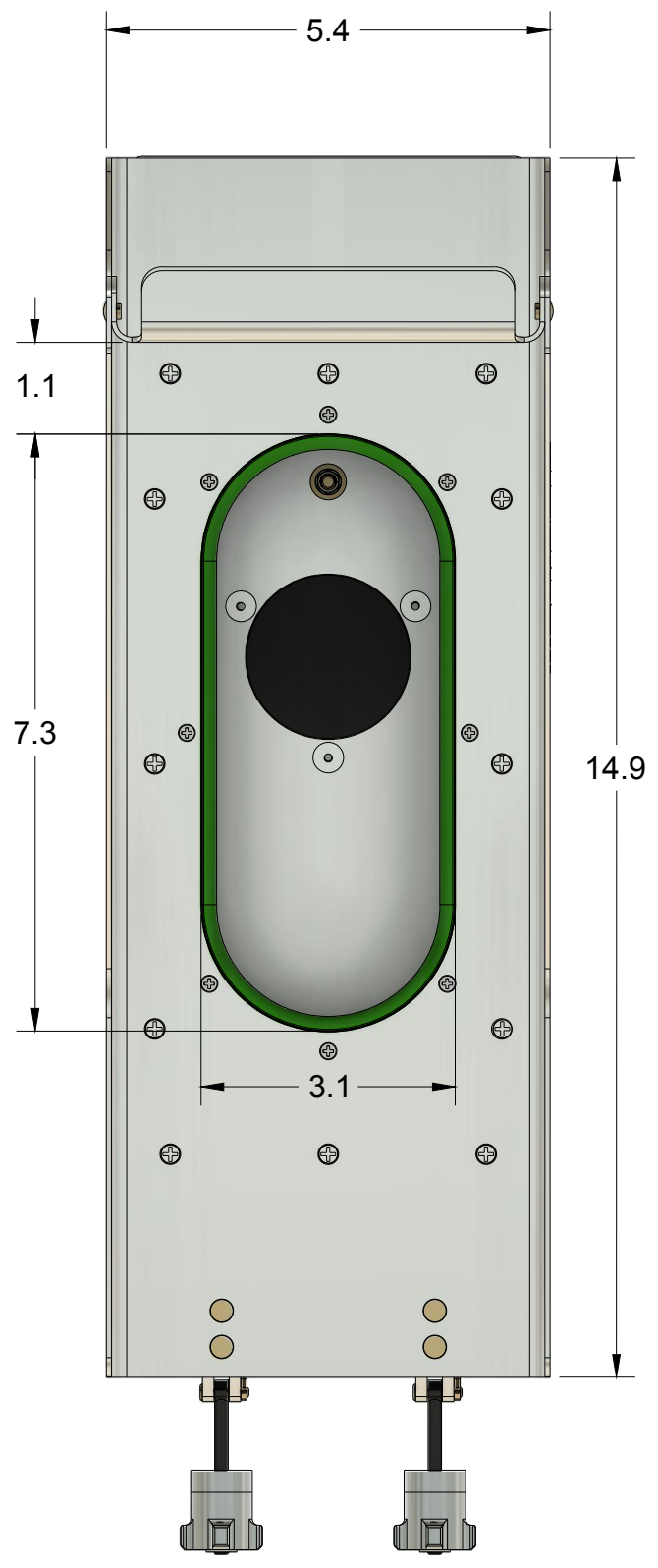
TOP VIEW


SIDE VIEW



CENTER OF GRAVITY

PROJECT:		 LEHIGH VALLEY, PA
ARING 600 TRAY 4MCU 115VAC, 400HZ FAN		
APPROVED:		
SEE SHEET 1		
TITLE:		SHEET:
DB01-403-01 OUTLINE DRAWING		2/3
DRAWING NO:		REV:
180121003		5



PROJECT: ARING 600 TRAY 4MCU 115VAC, 400HZ FAN		 LEHIGH VALLEY, PA
APPROVED: SEE SHEET 1		
TITLE: DB01-403-01 OUTLINE DRAWING		SHEET: 3/3
DRAWING NO: 180121003		REV: 5