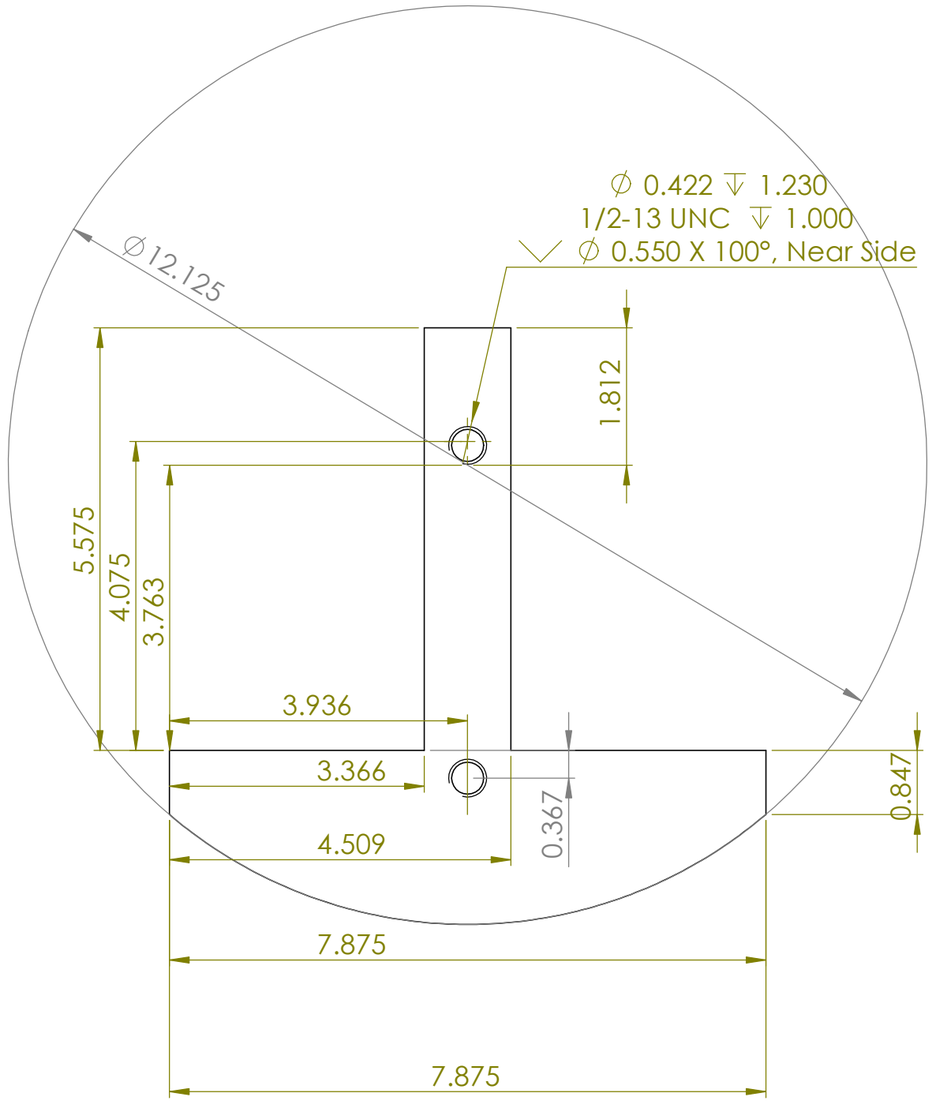
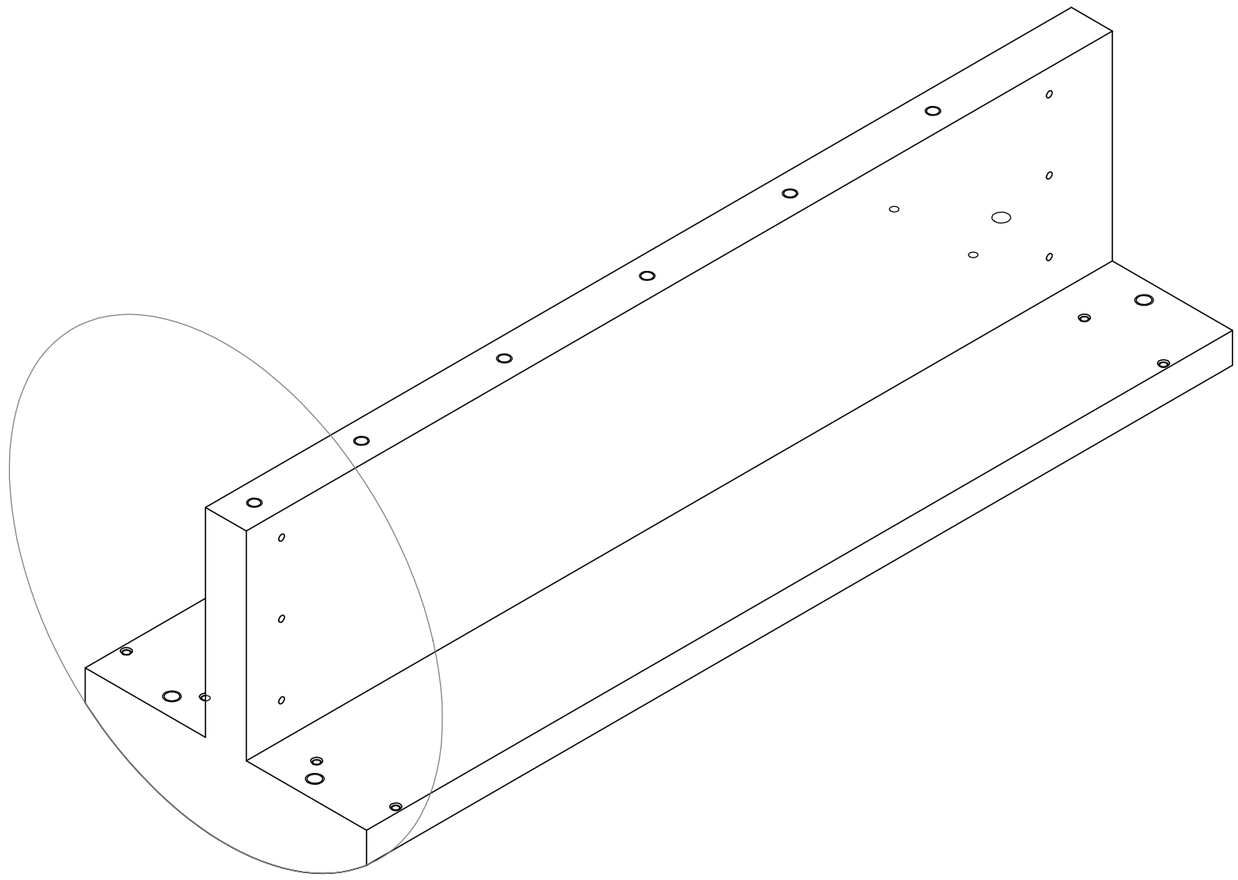
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		





Do Not Anodize
6061-T6 Aluminum

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Craig Dawe	02/24/21
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER Massion	3/27/2021
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED Erikson	4/6/2021
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	701127.08
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				PROJECT	MARS Node Upgrade
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.					
Application		DO NOT SCALE DRAWING				WEIGHT	

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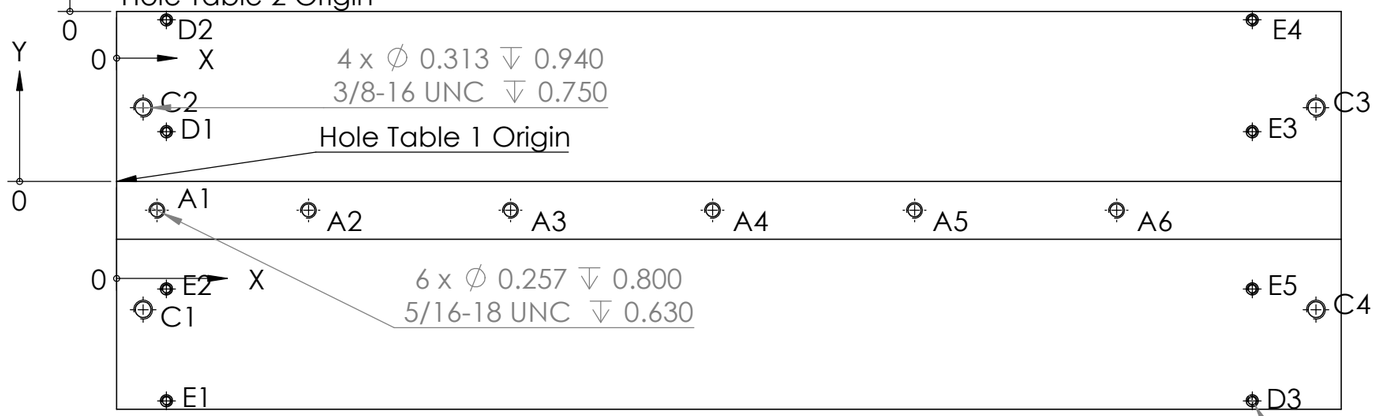
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

NewMVC_Heatsink_top

SIZE	DWG. NO.	REV.
B	MARS_0001	
SCALE 1:10	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

Top View



Hole Table 1

TAG	X LOC	Y LOC	SIZE
A1	0.797	-0.571	∅ 0.257 ↧ 0.800 5/16-18 UNC ↧ 0.630
A2	3.797	-0.571	
A3	7.797	-0.571	
A4	11.797	-0.571	
A5	15.797	-0.571	
A6	19.797	-0.571	

Hole Table 2

TAG	X LOC	Y LOC	SIZE
C1	0.524	-5.903	∅ 0.313 ↧ 0.940 3/8-16 UNC ↧ 0.750
C2	0.524	-1.903	
C3	23.744	-1.903	
C4	23.744	-5.903	
D1	0.986	-2.381	∅ 0.159 ↧ 0.470 10-32 UNF ↧ 0.380 ⌵ ∅ 0.240 X 100°, Near Side
D2	0.986	-0.167	
D3	22.482	-7.708	
E1	0.986	-7.708	∅ 0.159 ↧ 0.470 10-32 UNF ↧ 0.380 ⌵ ∅ 0.240 X 100°, Near Side
E2	0.986	-5.493	
E3	22.482	-2.381	
E4	22.482	-0.167	
E5	22.482	-5.493	

Do Not Anodize
6061 T6 Aluminum

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN TCraig Dawe	02/24/2021
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER Massion	03/27/2021
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED Erikson	04/06/2021
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. 701127.08	
		4. MACHINED FILLET RADII .0150-.030.				PROJECT MARS Node Upgrade	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.					
Application		DO NOT SCALE DRAWING				WEIGHT	

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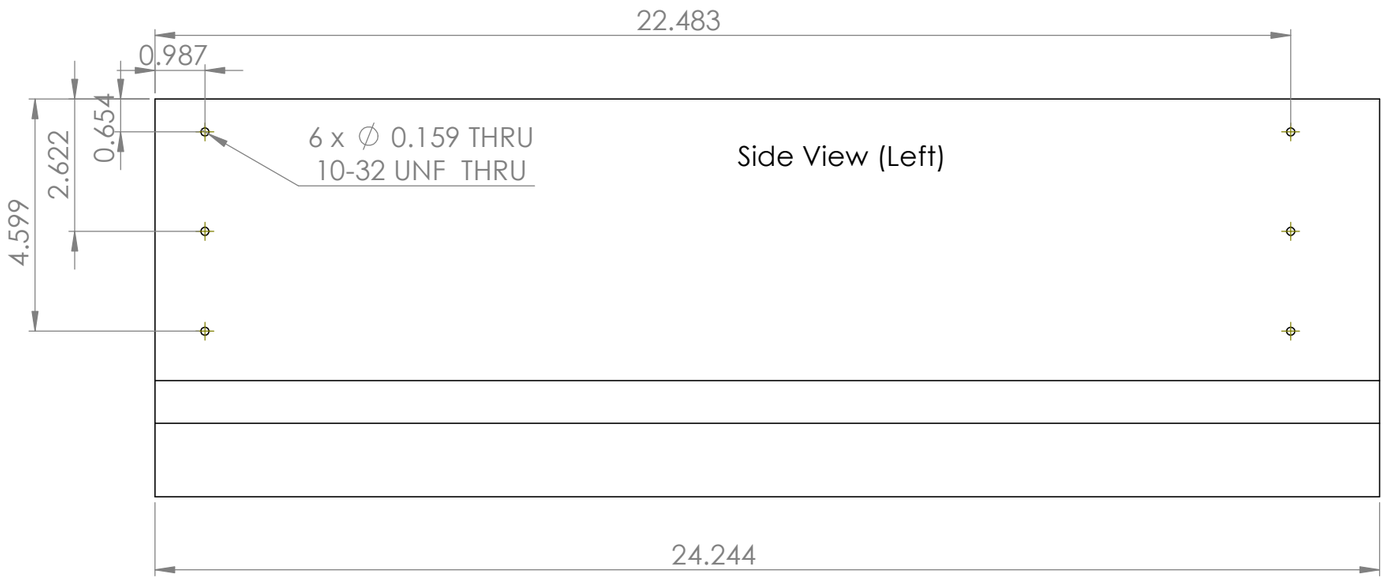
NewMVC_Heatsink_top

SIZE	DWG. NO.	REV.
B	MARS_0001	
SCALE 1:10	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



Models and Drawings available: \\atlas\projectlibrary\MARSO&M\DACR_upgrade docs\SchaeferMVC\Mechanical

Do Not Anodize
6061-T6 Aluminum

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman					
Engineer					
NEXT ASSY Description	NEXT ASSY Number				
Application					

1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN Craig Dawe	02/24/2021
ENGINEER Massion	03/29/2021
CHECKED Erikson	04/06/2021
PROJECT NO. 701127.08	
PROJECT MARS Node Upgrade	
WEIGHT	

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NewMVC_Heatsink_top

SIZE	DWG. NO.	REV.
B	MARS_00001	

SCALE 1:10 | CAD FILE: see ref above | SHEET 3 OF 3