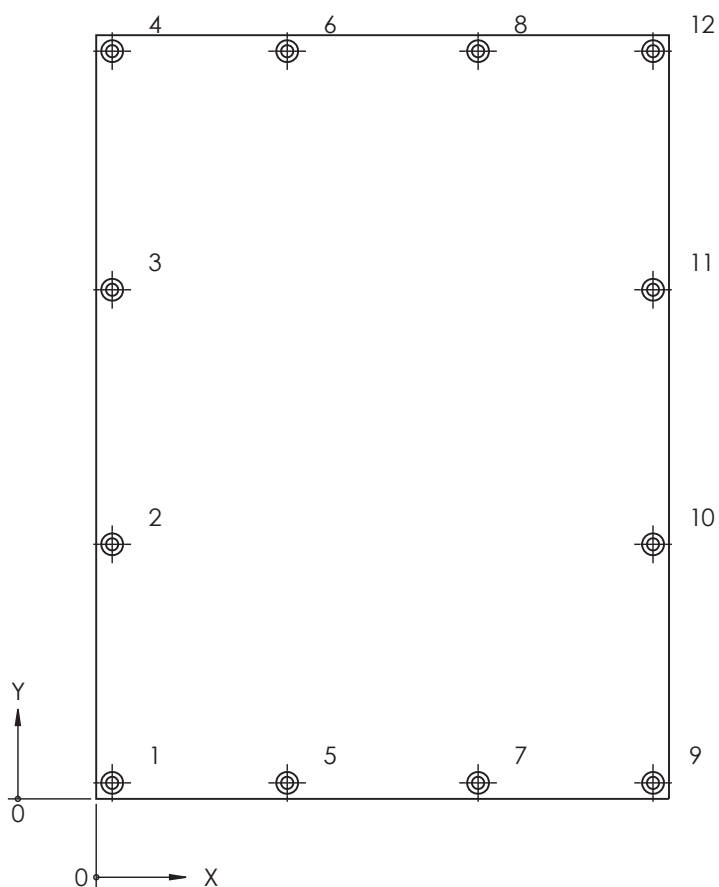
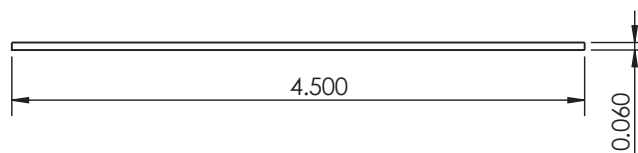
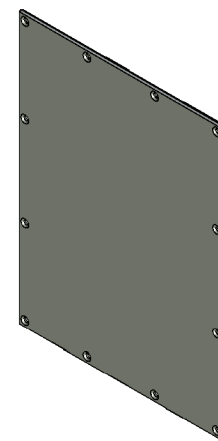


8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

- ① ALL DIMENSIONS ARE IN INCHES.
- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
- ③ FINISHED PARTS SHALL BE FREE OF CUTTING OILS AND FLUIDS
- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS



TAG	X LOC	Y LOC	SIZE
1	0.125	0.125	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
2	0.125	2.000	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
3	0.125	4.000	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
4	0.125	5.875	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
5	1.500	0.125	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
6	1.500	5.875	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
7	3.000	0.125	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
8	3.000	5.875	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
9	4.375	0.125	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
10	4.375	2.000	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
11	4.375	4.000	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE
12	4.375	5.875	✓ #2-56 ϕ .096 THRU ALL ϕ .172 X 100°, NEAR SIDE

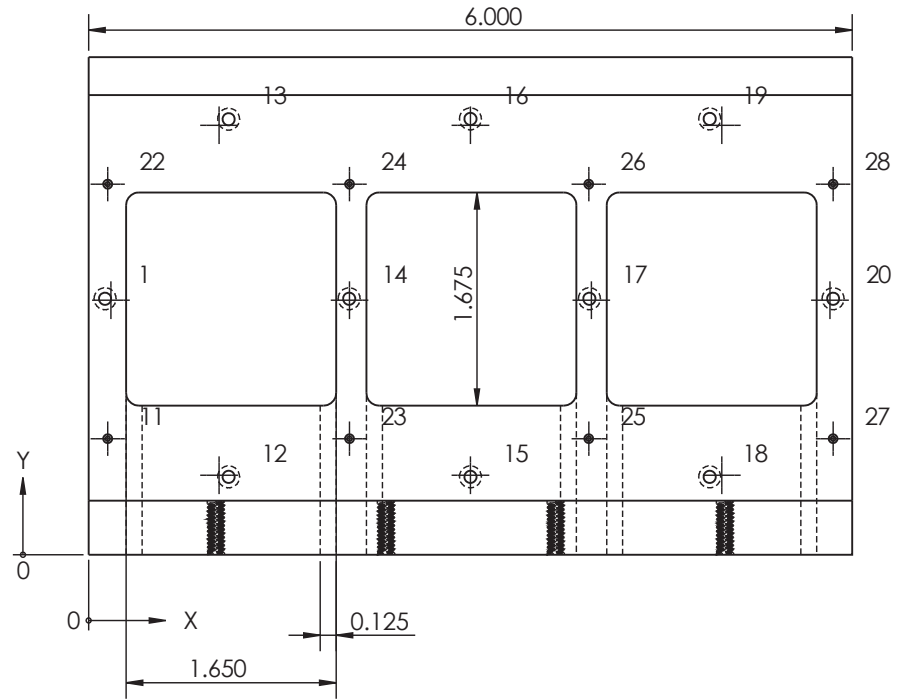
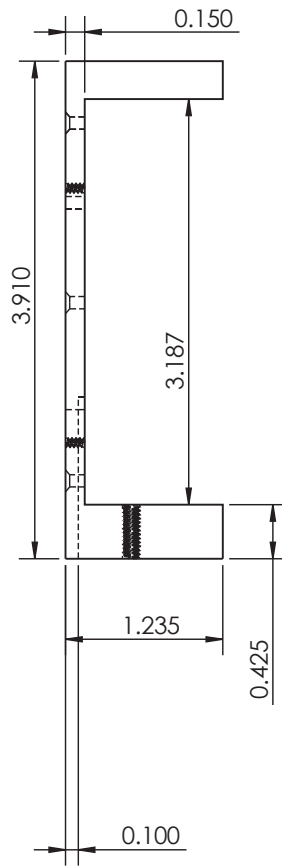


					DO NOT SCALE DRAWING		REVISION	
					TITLE: Modular Thermoelectric Cooler			
	NAME	DATE	FINISH:					
DRAWN								
CHKD								
APPVD			COLOR:					
MFG								
Q.A			MATERIAL:		PRT NO.			
			ALUM 6061		MEC-TEC-01-003-01		A3	

NOTES, UNLESS OTHERWISE SPECIFIED:

- ① ALL DIMENSIONS ARE IN INCHES.
- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
- ③ FINISHED PARTS SHALL BE FREE OF CUTTING OILS AND FLUIDS
- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS

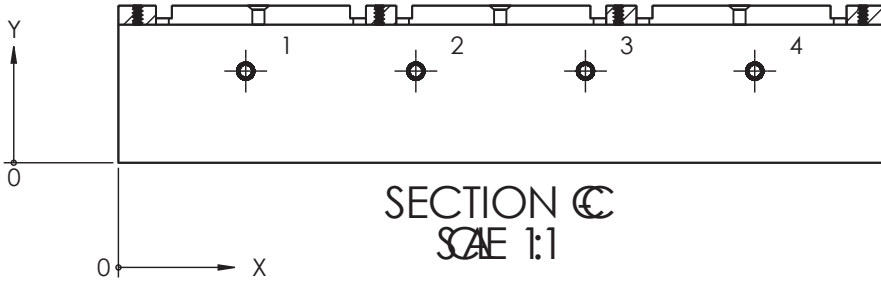
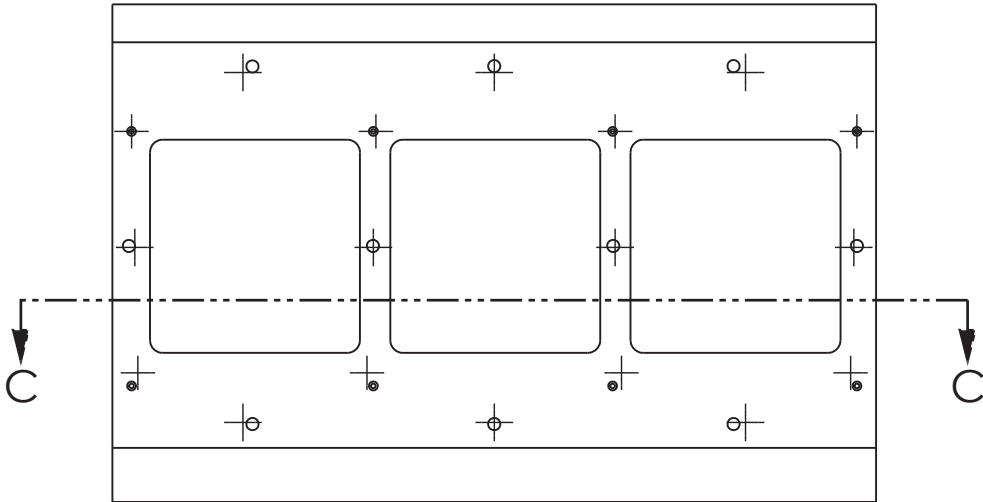
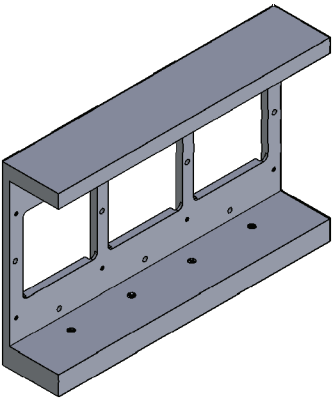
TAG	X LOC	Y LOC	SIZE
1	0.129	2.012	✓ ϕ .096 THRU ALL ✓ ϕ .172 X 100°, NEAR SIDE
2	1.100	0.612	
3	1.100	3.423	
4	2.047	2.012	
5	3.000	0.612	
6	3.000	3.425	
7	3.935	2.012	
8	4.880	0.612	
9	4.880	3.425	
10	5.850	2.012	ϕ .070 THRU ALL
11	0.150	0.912	
12	0.150	2.912	
13	2.050	0.912	
14	2.050	2.912	
15	3.930	0.912	
16	3.930	2.912	
17	5.850	0.912	
18	5.850	2.912	



				DO NOT SCALE DRAWING		REVISION		
				TITLE:				
			FINISH:	MODULAR THERMOELECTRIC COOLER				
NAME	DATE							
DRAWN	Sachin Anand							
CHKD								
APPVD								
			COLOR:					
MFG								
QA								
			MATERIAL:	ALUM 6061				
			PRT NO.				A3	
			MEC-TEC-01-002-01					

NOTES, UNLESS OTHERWISE SPECIFIED:

- ① ALL DIMENSIONS ARE IN INCHES.
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- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS

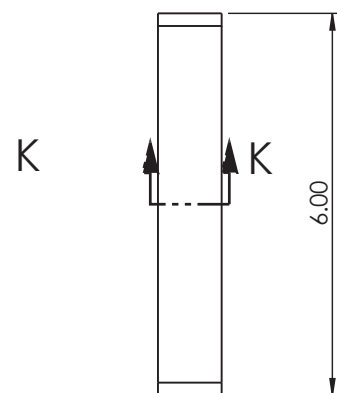
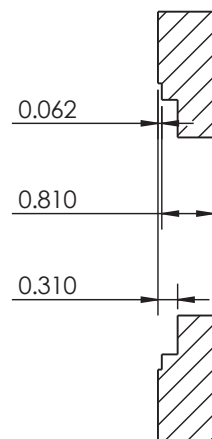


SECTION C-C
SCALE 1:1

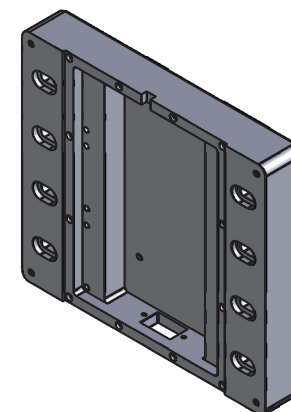
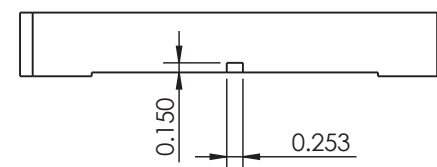
TAG	X LOC	Y LOC	SIZE
1	1.000	0.720	#8-32 ▾ 2.060
2	2.337	0.720	#8-32 ▾ 2.060
3	3.670	0.720	#8-32 ▾ 2.060
4	5.000	0.720	#8-32 ▾ 2.060

			DO NOT SCALE DRAWING		REVISION
			TITLE:		
			MODULAR THERMOELECTRIC COOLER		
			MATERIAL: ALUM 6061		PRT NO. MEC-TEC-01-002-01
					A3
DRAWN	NAME	DATE	FINISH:		
CHK'D			COLOR:		
APP'VD					
MFG					
Q.A					

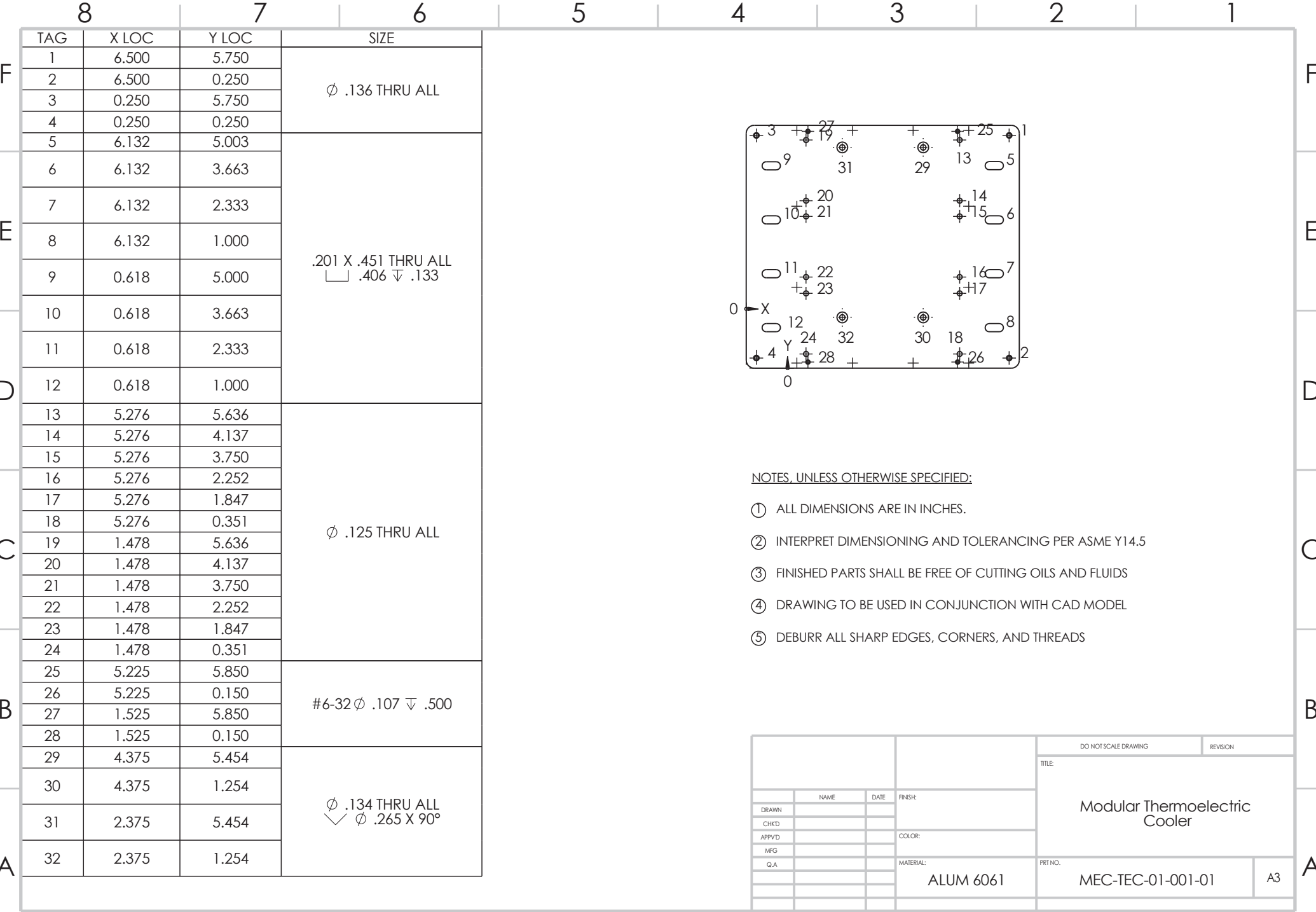
- ① ALL DIMENSIONS ARE IN INCHES.
- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
- ③ FINISHED PARTS SHALL BE FREE OF CUTTING OILS AND FLUIDS
- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS



SECTION KK



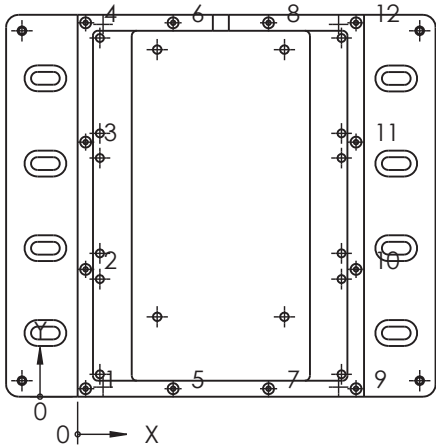
					DO NOT SCALE DRAWING		REVISION	
					TITLE: Modular Thermoelectric Cooler			
	NAME	DATE	FINISH:					
DRAWN								
CHKD								
APPRD								
			COLOR:					
MFG								
Q.A			MATERIAL:		PRT NO.			
			ALUM 6061		MEC-TEC-01-001-01		A3	
			WEIGHT:					



8 7 6 5 4 3 2 1

NOTES, UNLESS OTHERWISE SPECIFIED:

- ① ALL DIMENSIONS ARE IN MM
- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
- ③ FINISHED PARTS SHALL BE FREE OF CUTTING OILS AND FLUIDS
- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS



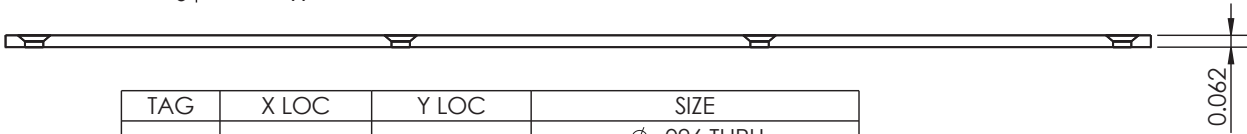
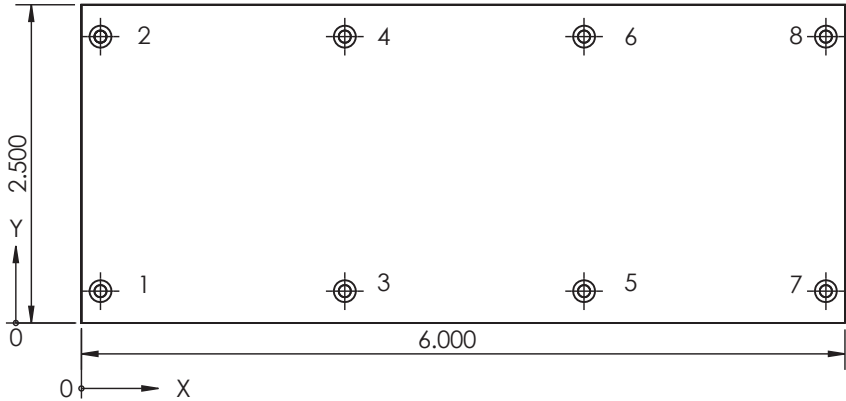
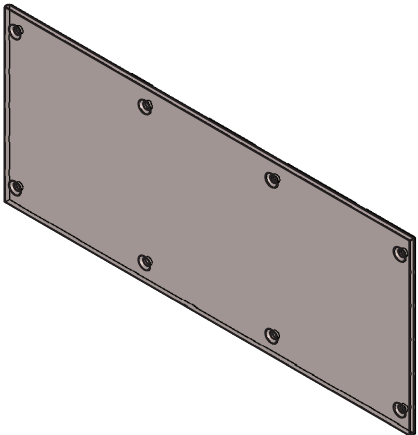
TAG	X LOC	Y LOC	SIZE
1	0.125	0.125	$\phi .070 \nabla .250$ $\checkmark \phi .172 \times 100^\circ$, NEAR SIDE
2	0.125	2.000	
3	0.125	4.000	
4	0.125	5.875	
5	1.500	0.125	
6	1.500	5.875	
7	3.000	0.125	
8	3.000	5.875	
9	4.375	0.125	
10	4.375	2.000	
11	4.375	4.000	
12	4.375	5.875	

			DO NOT SCALE DRAWING		REVISION	
			TITLE:			
			Modular Thermoelectric Cooler			
			MATERIAL:		PRT NO.	
			ALUM 6061		MEC-TEC-01-001-01	
					A3	

8 7 6 5 4 3 2 1

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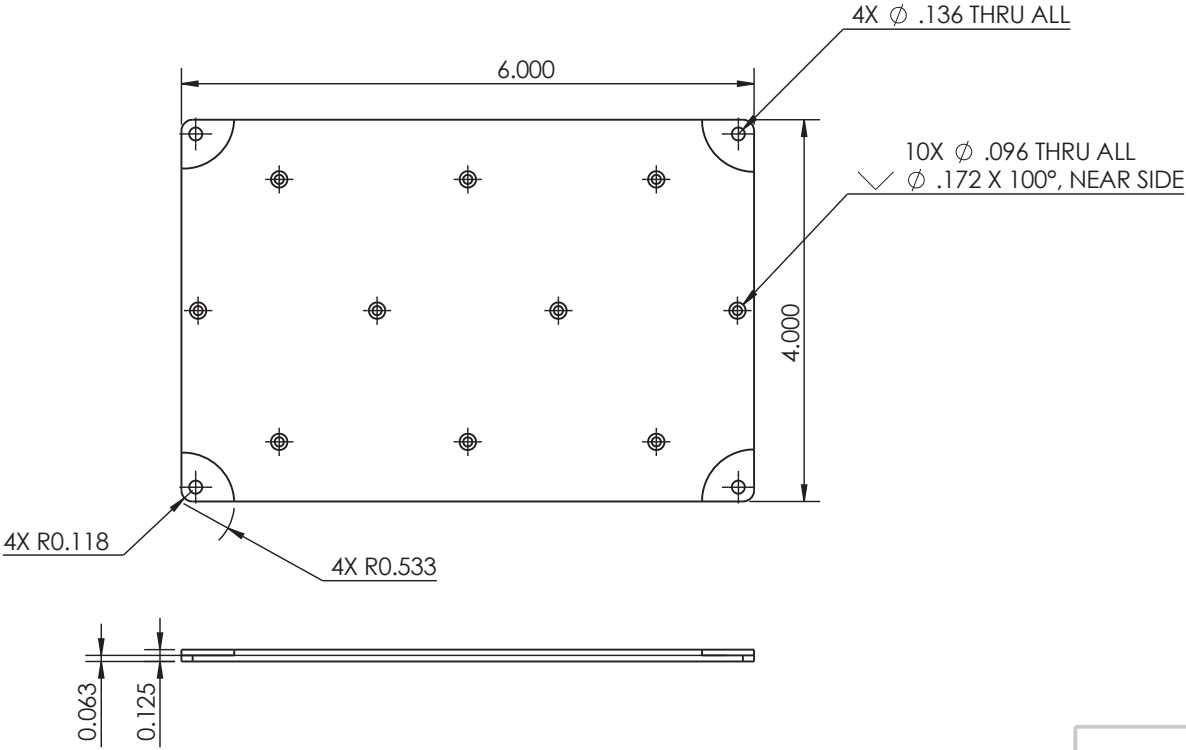
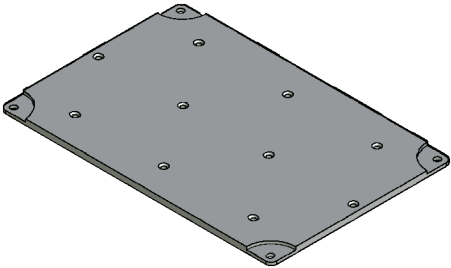
TAG	X LOC	Y LOC	SIZE
1	0.150	0.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
2	0.150	2.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
3	2.070	0.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
4	2.070	2.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
5	3.950	0.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
6	3.950	2.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
7	5.850	0.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE
8	5.850	2.250	✓ ϕ .096 THRU ϕ .172 X 100°, NEAR SIDE

			DO NOT SCALE DRAWING		REVISION	
			TITLE:			
			Modular Thermoelectric Cooler			
			PRT NO.			
			MEC-TEC-01-004-01			
			A3			
			SCALE: 1:1			
			SHEET 1 OF 1			

	NAME	DATE	FINISH:
DRAWN			
CHKD			
APPVD			COLOR:
MFG			
Q.A			MATERIAL:
			WEIGHT:

NOTES, UNLESS OTHERWISE SPECIFIED:

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- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
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- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS

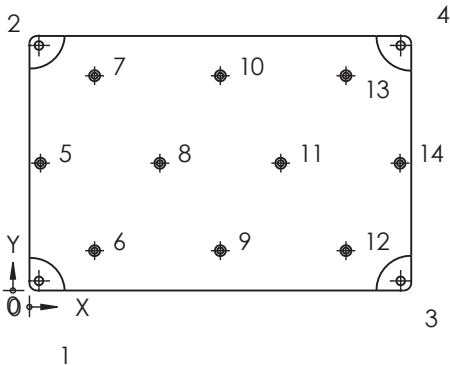


			DO NOT SCALE DRAWING		REVISION
			TITLE:		
			Modular Thermoelectric Cooler		
			PRT NO.		
			MEC-TEC-01-005-01		
			A3		
			SCALE:1:2		
			SHEET 1 OF 2		

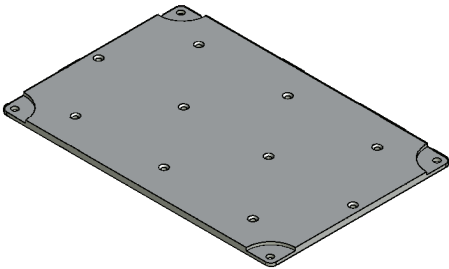
8 7 6 5 4 3 2 1

NOTES, UNLESS OTHERWISE SPECIFIED:

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- ② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5
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- ④ DRAWING TO BE USED IN CONJUNCTION WITH CAD MODEL
- ⑤ DEBURR ALL SHARP EDGES, CORNERS, AND THREADS



TAG	X LOC	Y LOC	SIZE
1	0.150	0.150	Ø .136 THRU ALL
2	0.150	3.850	Ø .136 THRU ALL
3	5.835	0.150	Ø .136 THRU ALL
4	5.835	3.850	Ø .136 THRU ALL
5	0.175	2.000	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
6	1.025	0.625	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
7	1.025	3.375	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
8	2.050	2.000	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
9	3.000	0.625	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
10	3.000	3.375	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
11	3.950	2.000	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
12	4.975	0.625	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
13	4.975	3.375	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE
14	5.825	2.000	✓ Ø .096 THRU ALL ✓ Ø .172 X 100°, NEAR SIDE



			DO NOT SCALE DRAWING		REVISION	
			TITLE:		Modular Thermoelectric Cooler	
			MATERIAL:		ALUM 6061	
			PRT NO.		MEC-TEC-01-005-01	
					A3	