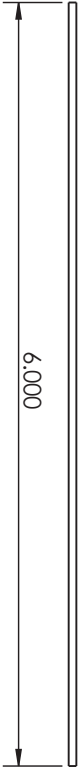
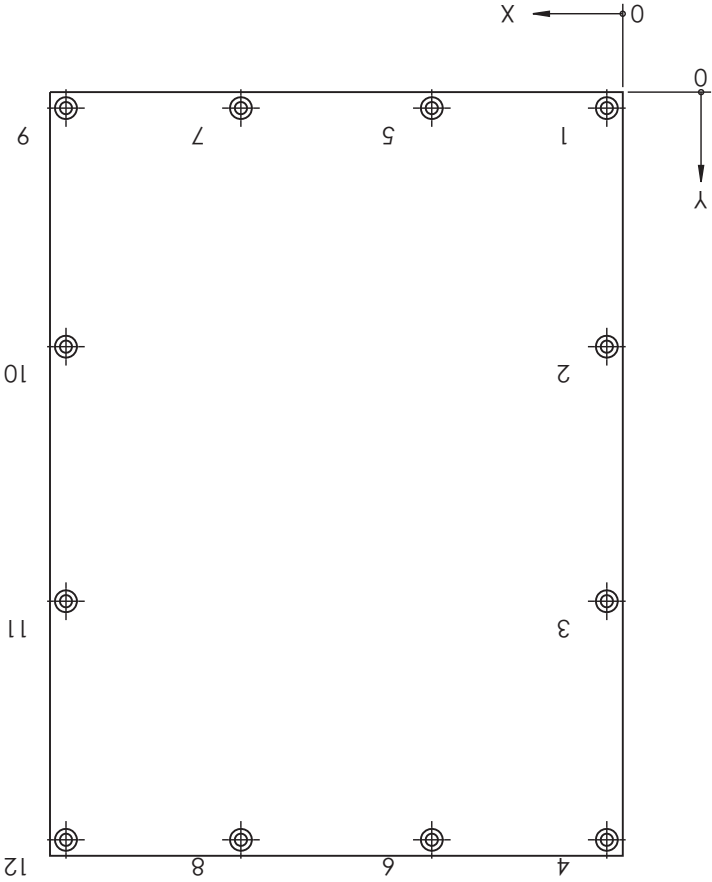
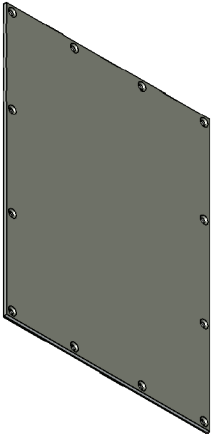
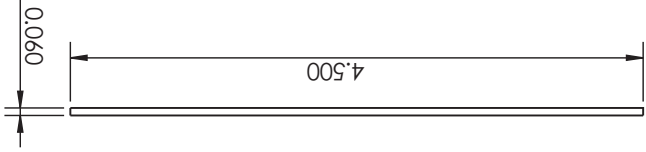


NOTES, UNLESS OTHERWISE SPECIFIED:

- 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	0.125	0.125	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
2	0.125	2.000	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
3	0.125	4.000	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
4	0.125	5.875	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
5	1.500	0.125	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
6	1.500	5.875	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
7	3.000	0.125	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
8	3.000	5.875	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
9	4.375	0.125	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
10	4.375	2.000	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
11	4.375	4.000	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE
12	4.375	5.875	#2-56 ϕ .096 THRU ALL $\angle \phi$.172 X 100°, NEAR SIDE

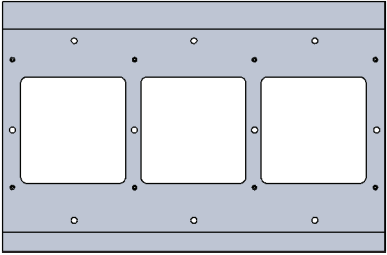
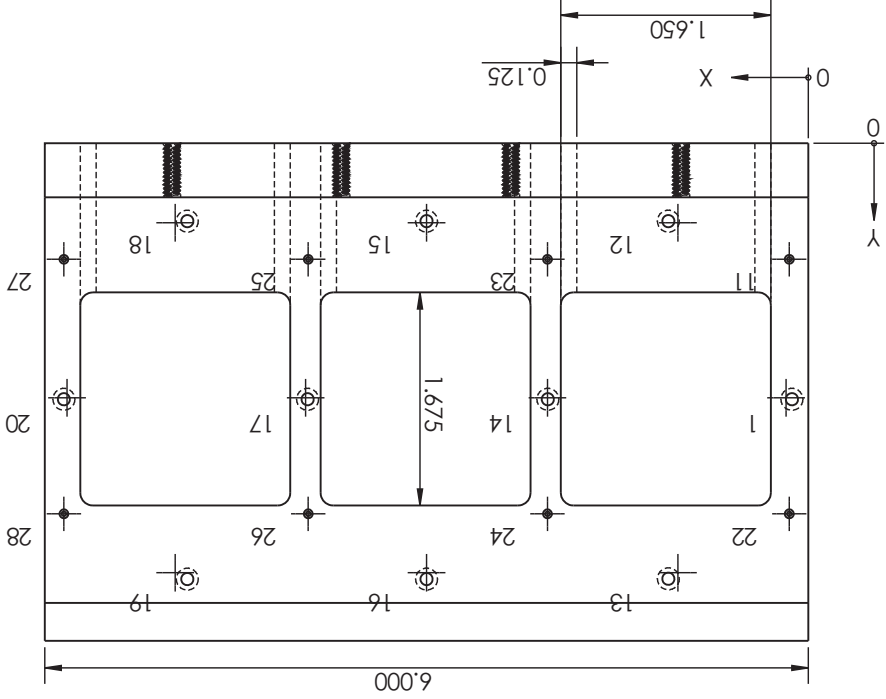
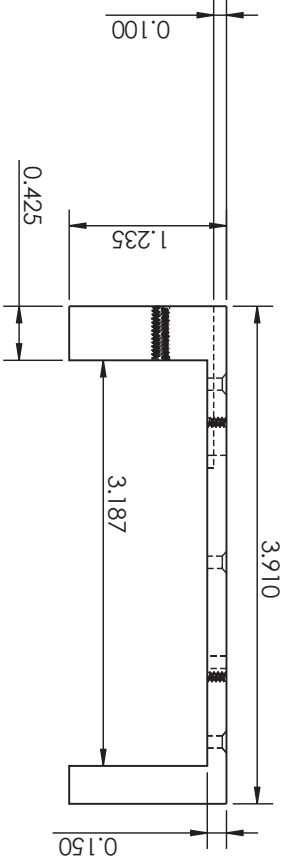


PART NO. MEC-TEC-01-003-01		ALUM 6061		MATERIAL:		Q.A.	
Modular Thermoelectric Cooler		COLOR:		MFG		APPR'D	
				CHK'D		DRAWN	
TITLE		FINISH:		DATE		NAME	
DO NOT SCALE DRAWING		REVISION					
A3							

TAG	X LOC	Y LOC	SIZE
1	0.129	2.012	∅ .096 THRU ALL ✓ ∅ .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	
11	0.150	0.912	∅ .070 THRU ALL
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	

- 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

NOTES, UNLESS OTHERWISE SPECIFIED:
① ALL DIMENSIONS ARE IN INCHES.



Q.A.	NAME	DATE	FINISH	MATERIAL:	PRT NO.
MFG	Sochin Aronov				ALUM 6061
APP'D				COLOR:	
CHK'D					
MODULAR THERMOELECTRIC COOLER					
MEC-TEC-01-002-01					
A3					

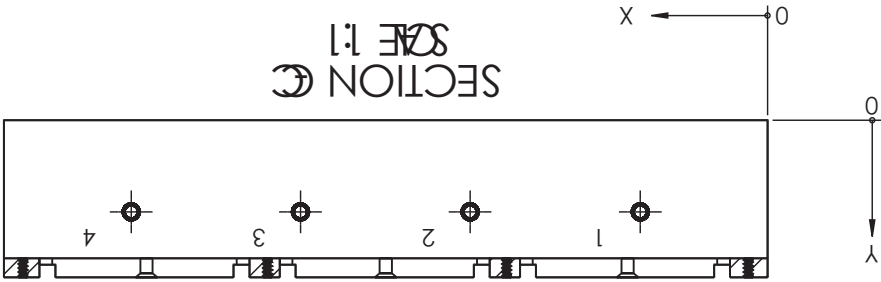
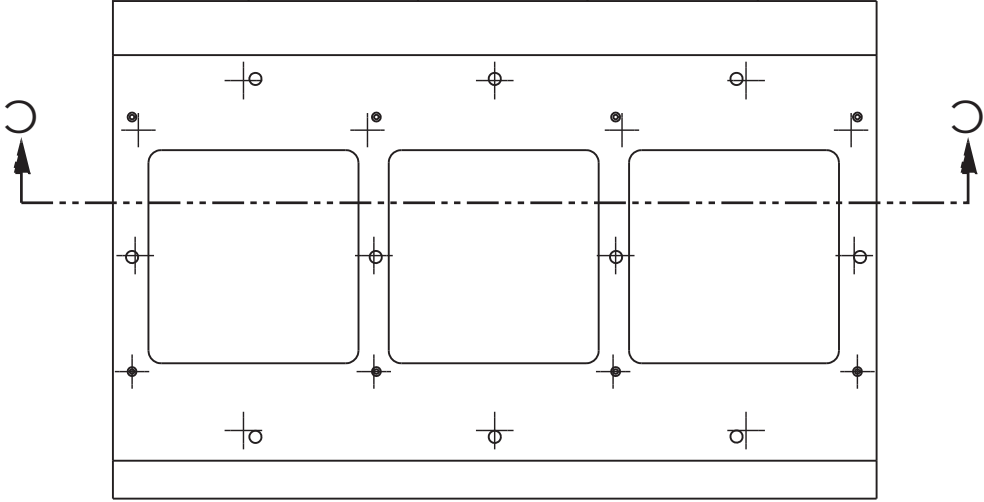
DO NOT SCALE DRAWING

REVISION

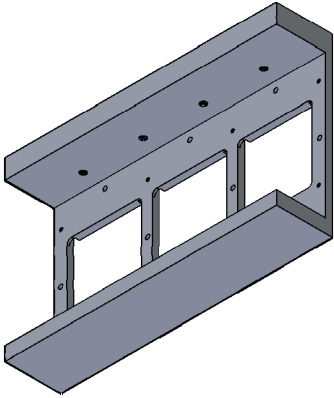
TITLE

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	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



DRAWN		NAME	DATE	FINISH
CHKD				
APP'D				
MFG				
Q.A.				

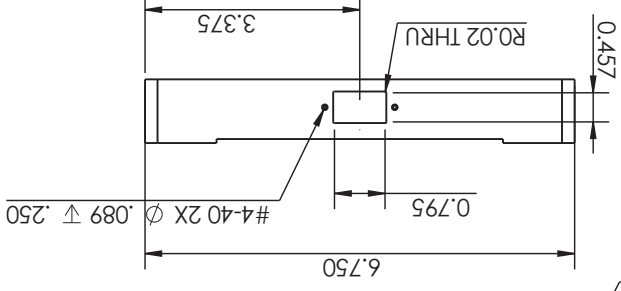
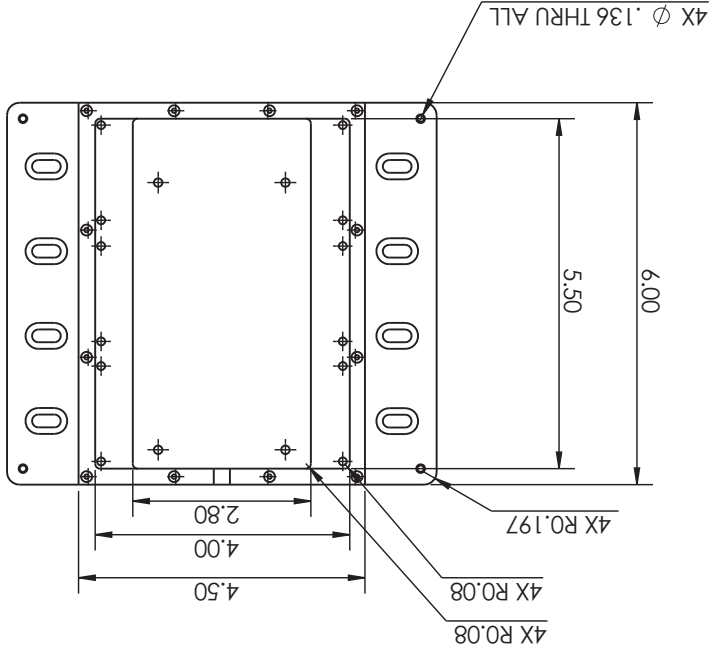
MATERIAL:		ALUM 6061
COLOR:		
FINISH:		

PART NO.		MEC-TEC-01-002-01
TITLE:		MODULAR THERMOELECTRIC COOLER
DO NOT SCALE DRAWING		REVISION

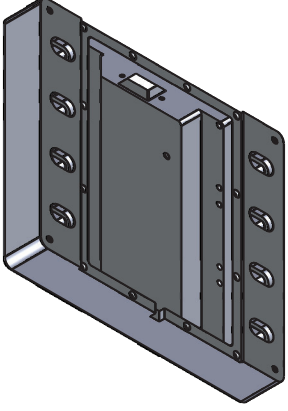
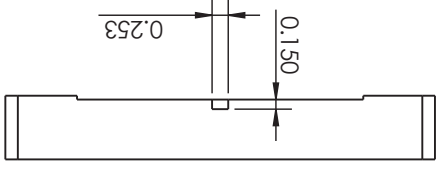
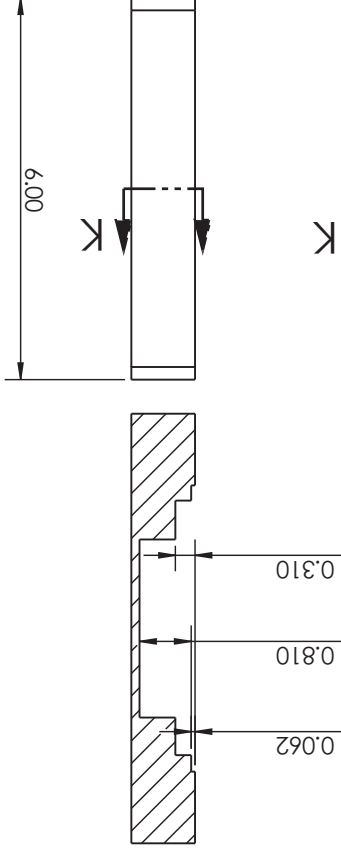
A3

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



SECTION K



DRAWN		NAME	DATE	FINISH	TITLE
CHKD					
APPRD					PART NO.
MFG					
QA					MATERIAL
					COLOR
					WEIGHT
					ALUM 6061
					MEC-TEC-01-001-01
					A3

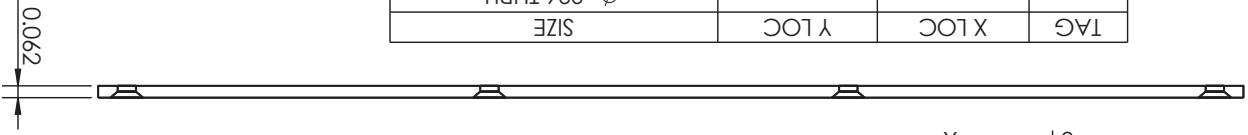
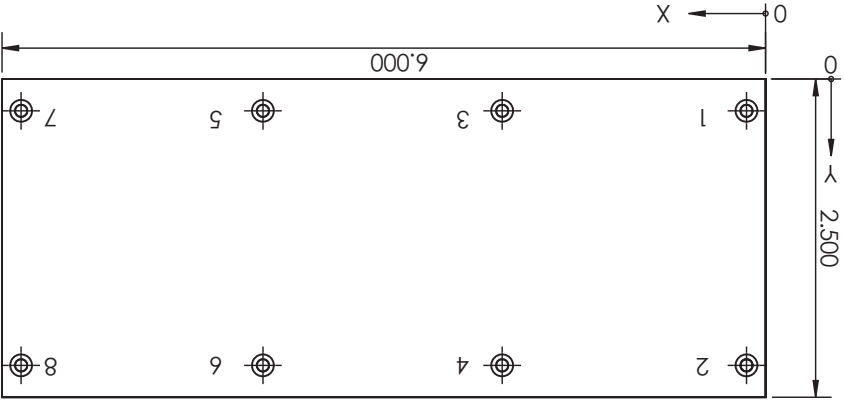
Modular Thermoelectric Cooler

DO NOT SCALE DRAWING

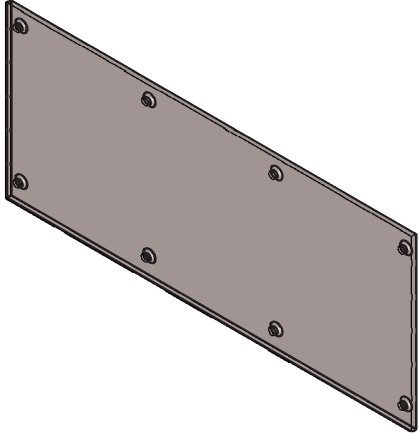
REVISION

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	0.150	0.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
2	0.150	2.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
3	2.070	0.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
4	2.070	2.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
5	3.950	0.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
6	3.950	2.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
7	5.850	0.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$
8	5.850	2.250	$\sqrt{\phi .096 \text{ THRU } \phi .172 \text{ X } 100^{\circ}, \text{ NEAR SIDE}}$



DRAWN		NAME	DATE	FINISH	TITLE: Modular Thermoelectric Cooler	PART NO.: MEC-TEC-01-004-01	SCALE:1:1	SHEET 1 OF 1
CHKD		MFG		COLOR:				
APPVD		MTC		MATERIAL:				
QA				WEIGHT:				

NOTES, UNLESS OTHERWISE SPECIFIED:

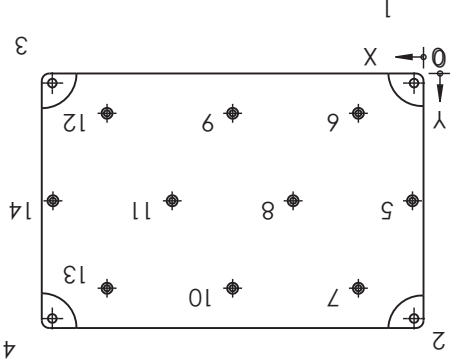
① ALL DIMENSIONS ARE IN INCHES.

② INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5

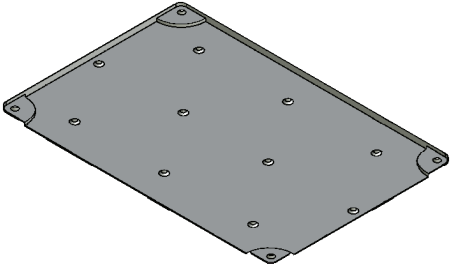
③ FINISHED PARTS SHALL BE FREE OF CUTTING OILS AND FLUIDS

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	0.150	0.150	ϕ .136 THRU ALL
2	0.150	3.850	ϕ .136 THRU ALL
3	5.835	0.150	ϕ .136 THRU ALL
4	5.835	3.850	ϕ .136 THRU ALL
5	0.175	2.000	$\checkmark \phi$.172 X 100°, NEAR SIDE
6	1.025	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
7	1.025	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
8	2.050	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
9	3.000	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
10	3.000	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
11	3.950	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
12	4.975	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
13	4.975	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE
14	5.825	$\checkmark \phi$.096 THRU ALL	$\checkmark \phi$.172 X 100°, NEAR SIDE



Modular Thermoelectric Cooler

MEC-TEC-01-005-01

ALUM 6061

MATERIAL:

COLOR:

FINISH:

DATE:

NAME:

DRAWN:

CHKD:

APPRD:

MFG:

QA:

TITLE:

DO NOT SCALE DRAWING

REVISION

A3