

4

3

2

1

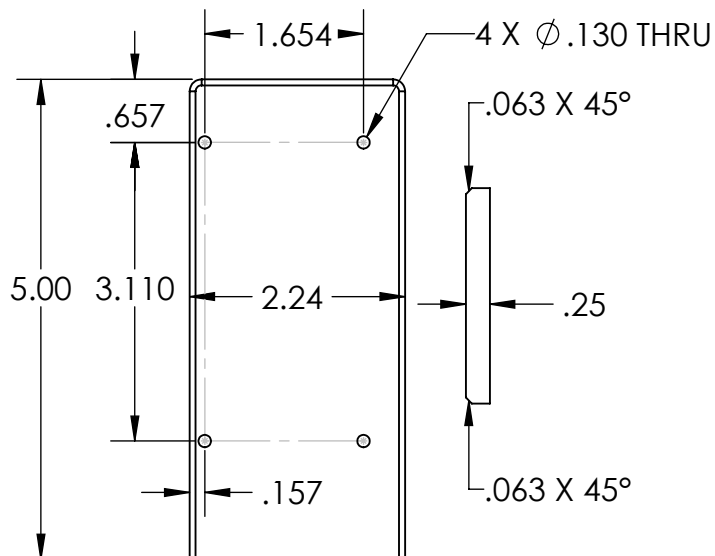
WELD PLATES SQUARE TO HEAT
SINK DISK

3/16
3/16 GTAW, 4043 FILLER

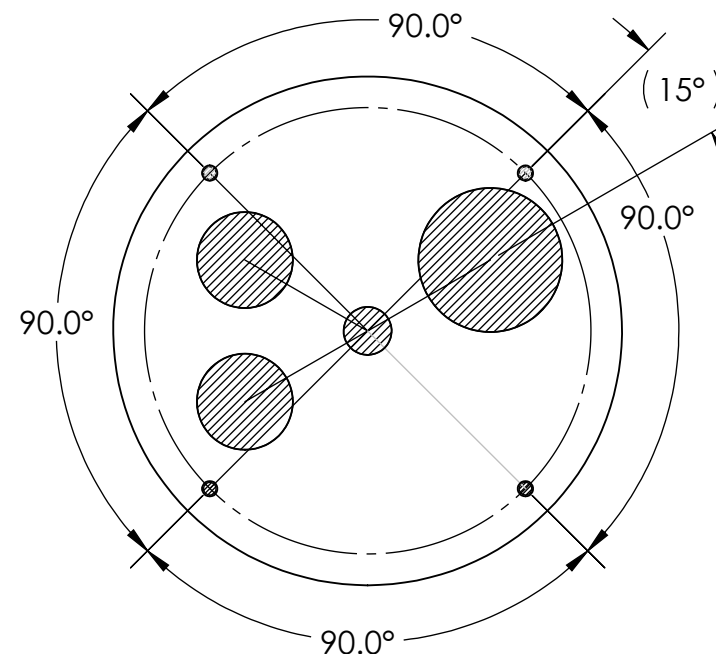
WATERJET CUTTING O.K. FOR HEAT SINK DISK.
BREAK ALL EDGES. MACHINING REQUIRED
FOR PLATES.

MOUNT PLATES WITH
CHAMFERED EDGES
FACING OUTWARDS

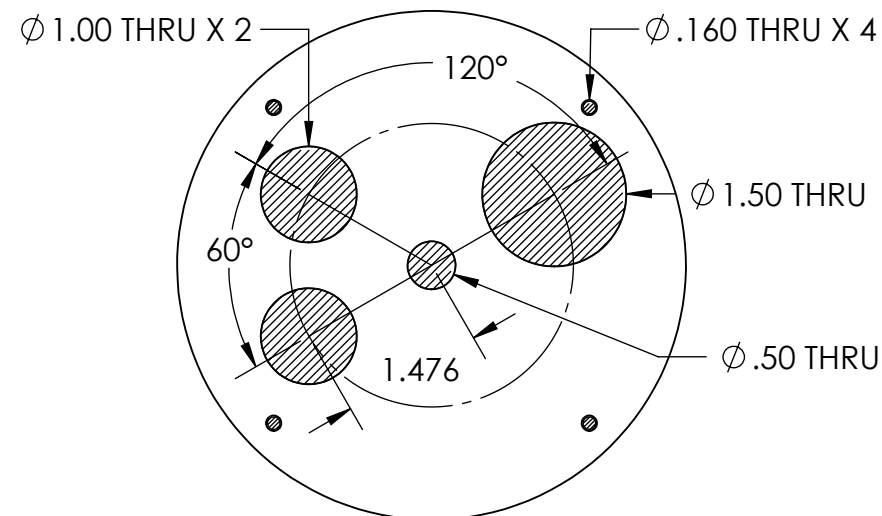
3/16
3/16 GTAW, 4043 FILLER



HEAT SINK PLATE DETAIL



ANGULAR TOLERANCES FOR ONE
PLACE DECIMAL: $\pm 0.2^\circ$.



DISK THICKNESS: .13 (1/8" NOMINAL)

SCALE 2:3

UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONS ARE IN INCHES
2. REMOVE BURRS AND SHARP EDGES
.015 MAX
3. TOLERANCES FOR 1 PLACE DECIMAL:
 $\pm .1$
4. TOLERANCES FOR 2 PLACE DECIMAL:
 $\pm .02$
TOLERANCES FOR 3 PLACE DECIMAL:
 $\pm .005$
5. ANGULAR TOLERANCES $\pm .1^\circ$
6. MACHINED DIAMETERS ON A
COMMON CENTERLINE CONCENTRIC
WITHIN .005

MATERIAL
6061-T6 ALUMINUM
ALLOY

FINISH
NONE

NAME DATE

DRAWN E KURTEFF 8/24/17

CHECKED

MONTEREY BAY AQUARIUM
RESEARCH INSTITUTE

MBARI
7700 Sandholdt Rd.
Moss Landing, CA 95039
Phone: (831) 751-700



TITLE:

ALUMINUM HEAT
SINK ELEMENT

SIZE
B

DWG. NO.
Heat Sink

REV
2

SCALE: 1:2 WEIGHT:

SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF MBARI.
ANY REPRODUCTION IN PART OR AS A
WHOLE WITHOUT THE WRITTEN PERMISSION
OF MBARI IS PROHIBITED.

4

3

2

1

B

A