

8

7

6

5

4

3

DWG NO
R2235622

SH 1

1

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017 AND ASME Y14.41-2012. ALL DIMENSIONS DERIVED FROM DATASET SHALL BE INTERPRETED AS US CUSTOMERY NOTATION.

2. DATASET PIN R2235622 SHALL COMPRISE OF THIS DRAWING, ASSOCIATED LISTS, AND MODEL(S) R2235622-1_-.STP, MODELED AT MEAN SIZE. BASIC DIMENSIONS NOT DISPLAYED HEREIN AND NECESSARY TO SPECIFIED TOLERANCES SHALL BE OBTAINED BY QUERYING THE MODEL(S). QUERIED DIMENSIONS SHALL BE ROUNDED TO THREE DECIMAL PLACES.

3. THE GEOMETRIC TOLERANCE OF FEATURES UNSPECIFIED IN THE DRAWING FIELD ARE AS FOLLOWS:

A. SURFACES:

.010

A

B

C

B. HOLES:

.010

M

A

B

C

4. INSPECTION REQUIREMENTS:

A. USE THIS DRAWING AND ITS ASSOCIATED MODEL(S) TO INSPECT PART.

B. MINIMUM INSPECTION REQUIREMENTS:

1. ALL DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING.

2. QUALITY OF FINISH IAW APPLICABLE FINISH SPECIFICATION.

3. ALL TAPPED HOLES SHALL BE GAUGED PRIOR TO INSERT INSTALLATION.

4. AFTER FINISH, ALL BLIND TAPPED HOLES SHALL BE INSPECTED FOR DEBRIS.

C. INSPECTION CONDITION: PART SHALL BE CONSTRAINED ALONG DATUM A-B ONLY.

5. MATERIAL: SEE SEPARATE PARTS LIST.

6 FINISH: CHEMICAL CONVERSION COAT IAW MIL-DTL-5541, CLASS 3, YELLOW.

7 MARK PART AND DASH NUMBER IAW MIL-STD-130 USING INK, FIND NO. 601 WITH .12 HIGH CHARACTERS. LOCATE APPROXIMATELY WHERE SHOWN.

8. ABBREVIATIONS NOT IAW ASME Y14.38:

CAIC - CNI AVIONICS INTERFACE CONTROLLER

CNI - COMMUNICATION, NAVIGATION AND IDENTIFICATION

UNSPECIFIED FEATURE CONTROL

| FEATURE TYPE | TOLERANCE | MODEL CONDITION |
|---------------------------------------|----------------|-------------------------------|
| FILLET RADII | ±.010 | MODELED AT NOMINAL |
| BREAK SHARP EDGES | .005 - .015 | MODELED AS SHARP |
| COUNTERSINK INCLUDED ANGLES | ±1° | MODELED AT NOMINAL |
| DEPTH OF BLIND HOLES AND COUNTERBORES | ±.010 | MODELED AT NOMINAL |
| CHAMFERS | ±.010 X ±5° | MODELED AT NOMINAL |
| EXTERNAL THREADS | IAW SAE AS8879 | MODELED AT MAJOR DIAMETER |
| INTERNAL THREADS | IAW SAE AS8879 | MODELED AT TAP DRILL DIAMETER |

-1 SHOWN FOR REFERENCE ONLY

DIGITAL PRODUCT DEFINITION DATA

SEE SEPARATE PARTS LIST

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE CURRENT DESIGN ACTIVITY.

| | | | | CAGE CODE | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPEC | REF DES | FIND NO | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|------|-------------------------------------|-------------------------|------------------------------------------------------------------|----------------------|------------------------|----------|---------------------------------------------|---------------------|
| QTY | REQD | PER | ASSY | | | | | | | | |
| UNLESS OTHERWISE SPECIFIED | | | | | PARTS LIST | | | | | | |
| 1. DIMENSIONS ARE IN INCHES. 128 2. SURFACE TEXTURE SHALL BE 3. DIMENSIONS APPLY AFTER PLATING OR CONVERSION COATING. 4. REMOVE BURRS AND SHARP EDGES. 5. PARENTHEITICAL DATA IS FOR REFERENCE ONLY. 6. ALL SHEETS ARE THE SAME REVISION STATUS. | | | | | TOLERANCES | | DO NOT SCALE DRAWING | | | | |
| | | | | | ON ALL HOLE DIAMETERS | | CONTRACT NO. | | | | |
| | | | | | | | N00019-14-C-002 | | | | |
| | | | | | | | | | | | |
| | | UNDER .0140 | | + .0020 - .0005 | .501 THRU .750 | + .008 - .001 | ORIG | J.O.LIVAS | 20180411 | 15120 INNOVATION DRIVE, SAN DIEGO, CA 92128 | |
| | | .014 THRU .125 | | + .004 - .001 | .751 THRU 1.000 | + .010 - .001 | CHECKER | | | | |
| | | .126 THRU .250 | | + .005 - .001 | 1.001 THRU 2.000 | + .012 - .001 | RDE | | | | |
| | | .251 THRU .500 | | + .006 - .001 | | | MFG | | | | |
| | | | | ON DECIMAL DIMENSIONS: | | ON ANGULAR DIMENSIONS: | | | | | COVER, CNIP-CAIC |
| | | JSF | | .XXX ± .010 .XX ± .03 .X ± .1 | | MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFERS ±5° | | | | | |
| | | JSF | | 900900 | | HEAT TREAT | | | | | |
| | | USED ON | | CI NO. NEXT ASSY | | | | | | | |
| APPLICATION | | | | | FINISH | 6 | | THIRD ANGLE PROJECTION | | | |

WARNING - ITAR\EAR-CONTROLLED INFORMATION. DO NOT EXPORT OR RELEASE TO THE PUBLIC WITHOUT UNITED STATES GOVERNMENT APPROVAL.

© 2018 NORTHROP GRUMMAN SYSTEMS CORPORATION. ALL RIGHTS RESERVED

8

7

6

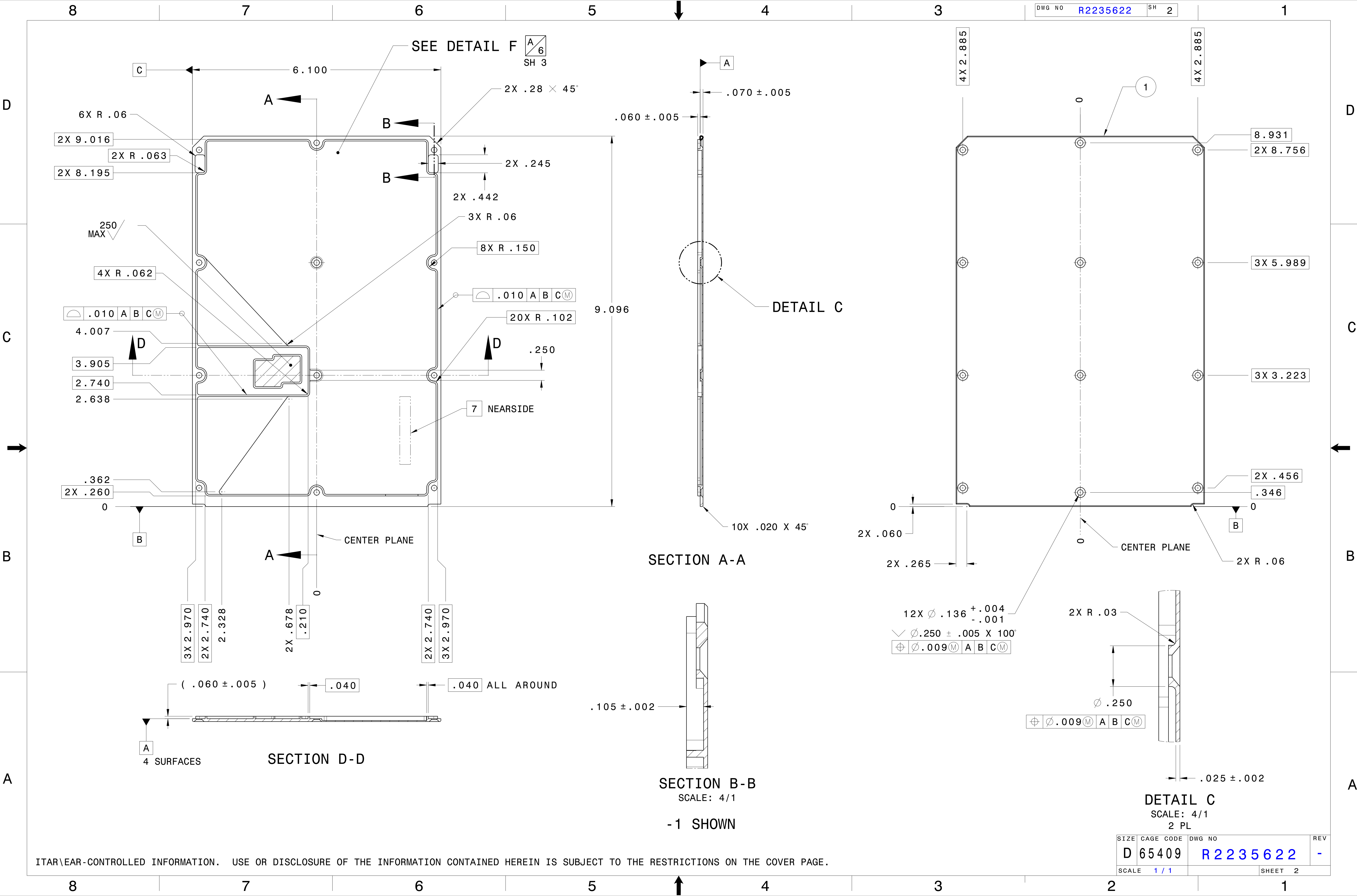
5

4

3

2

1



8

7

6

5

4

3

DWG NO R2235622

SH 3

1

D

D

C

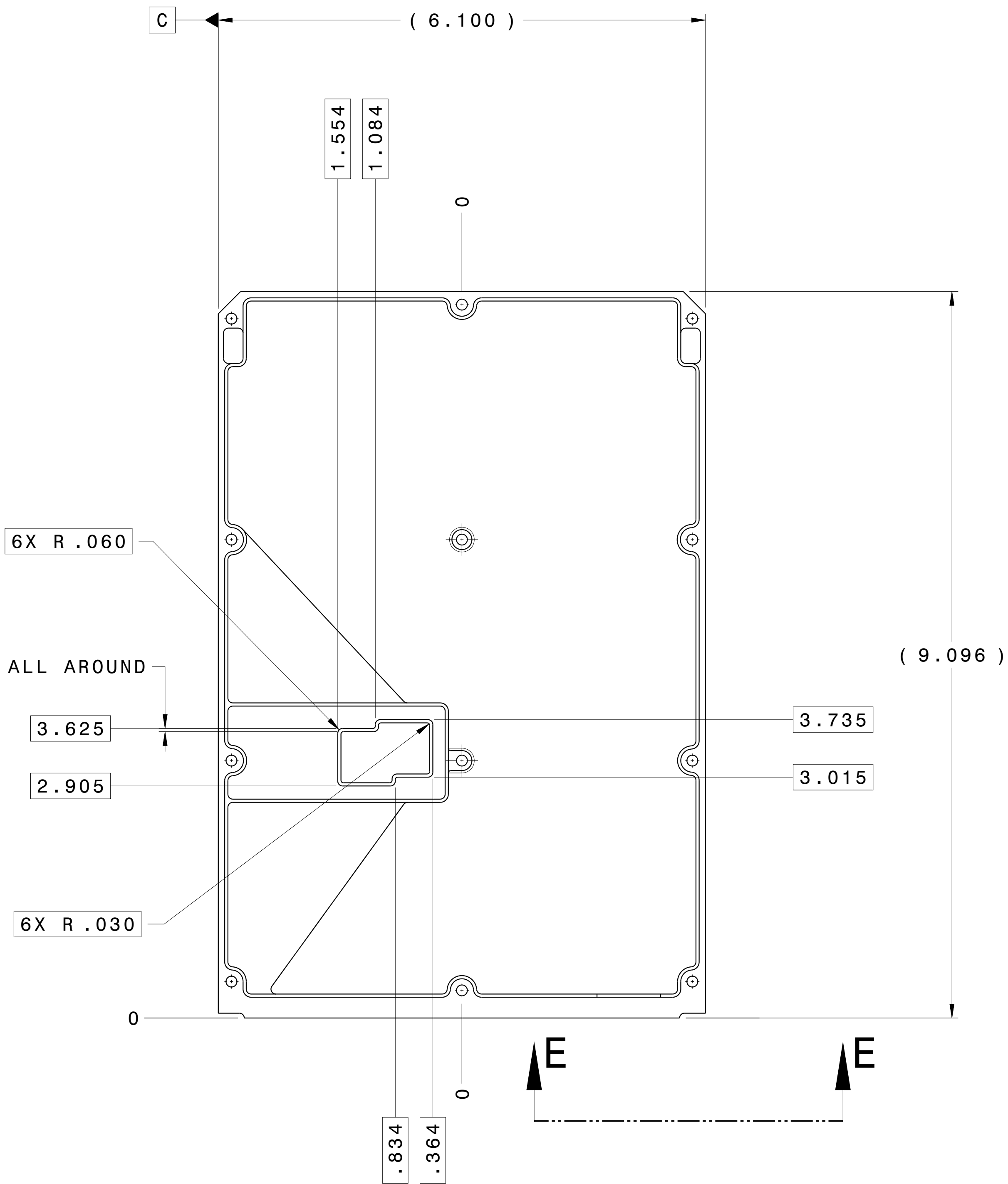
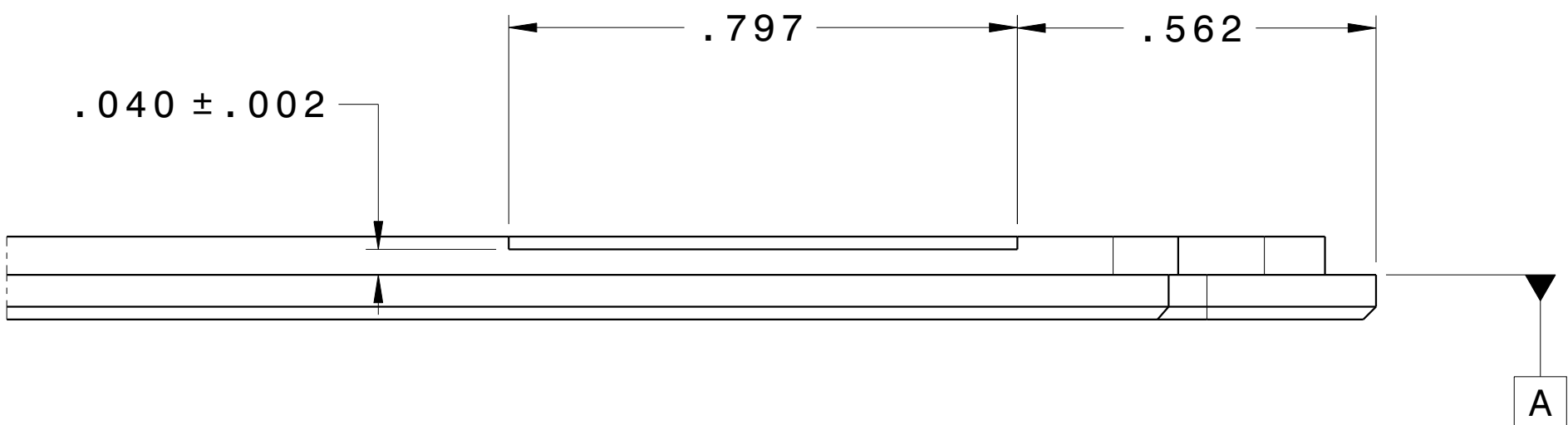
C

B

B

A

A

DETAIL F  SH 2VIEW E-E
SCALE: 4:1