

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017.

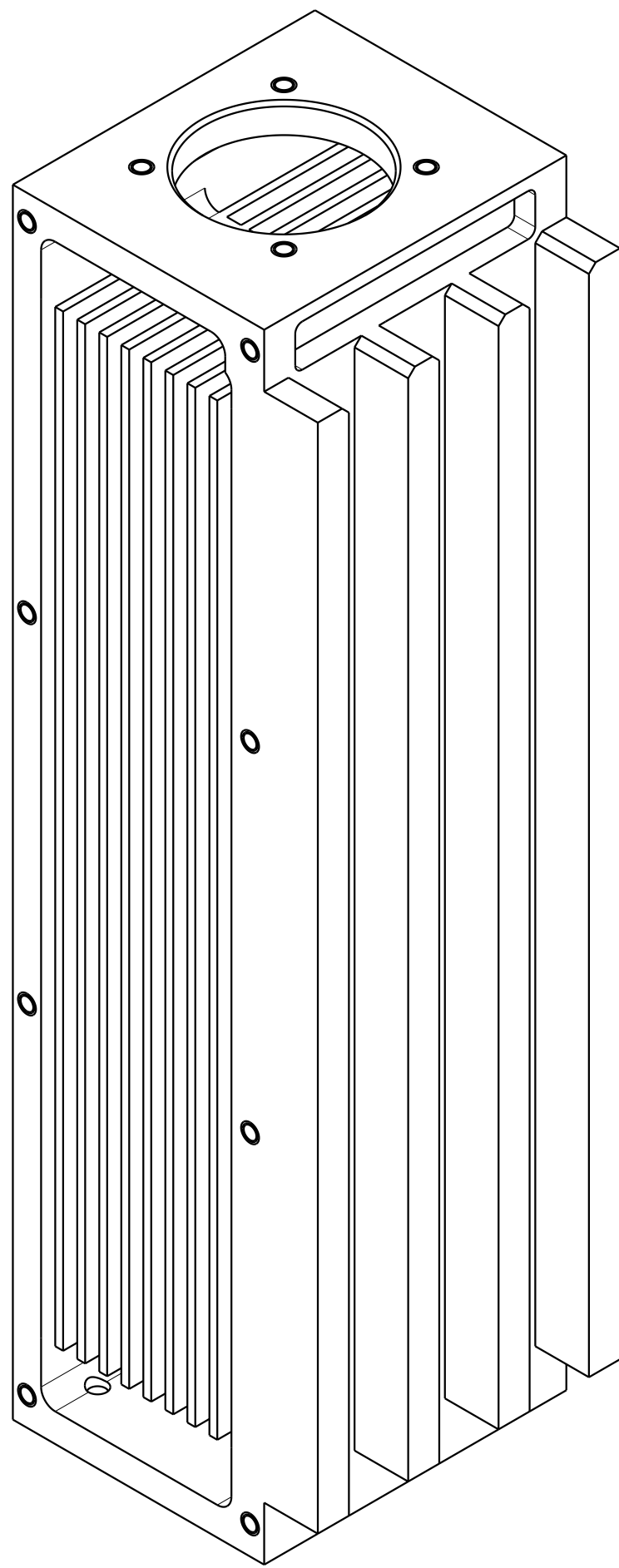
2. MATERIAL: SEE SEPARATE PARTS LIST.

- 3 FINISH: BEFORE INSTALLATION OF FN 500 AND 501, CHEMICAL
CONVERSION COAT ALL SURFACES IAW MIL-DTL-5541,
CLASS 3, YELLOW.

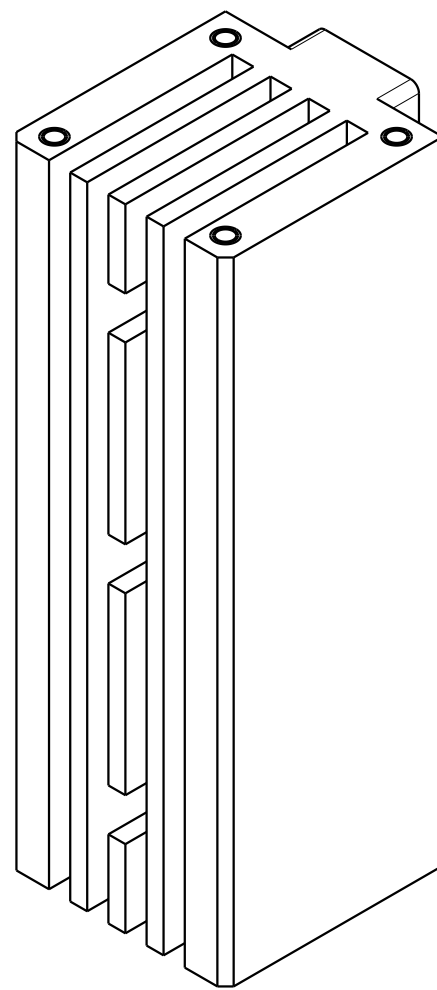
- 4 INSERTS, FN 500 AND 501, SHALL BE INSTALLED IAW NASM33537.

- 5 MARK PART NUMBER IAW MIL-STD-130 IN .12 HIGH CHARACTERS
USING FN 601. LOCATE APPROXIMATELY WHERE SHOWN.

6. ABBREVIATIONS NOT IAW ASME Y14.38:
ITA: INTERFACE TEST ADAPTER



-1
SHOWN FOR REFERENCE ONLY



-2
SHOWN FOR REFERENCE ONLY

| REVISION HISTORY | | | |
|------------------|-------------------------|----------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| 1 | ENGINEERING DEVELOPMENT | 20181218 | ON FILE |
| 2 | ADDED -2 CONFIG DN | | ON FILE |

NON-DELIVERABLE HARDWARE

THE COMPONENTS DEPICTED ON THIS DRAWING ARE TO BE
USED ONLY WITHIN A NORTHROP GRUMMAN APPROVED TEST
FACILITY AND ARE DESIGNATED NON-DELIVERABLE

PROTOTYPE RELEASE ONLY
UNCONTROLLED COPY
USER MUST VERIFY CURRENT
REVISION PRIOR TO USE

SEE SEPARATE PARTS LIST

| | | | | | | | | | | |
|---|--|--|----|-----|------------------------|-----------------------------|----------|------|---------|---------|
| | | | -1 | DAI | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPEC | REF DES | FIND NO |
| QTY REQD PER ASSY | | | | | | PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED | | | | | | DO NOT SCALE DRAWING | | | | |
| TOLERANCES | | | | | | CONTRACT NO. | | | | |
| ON ALL HOLE DIAMETERS | | | | | | N00019-09-C-0010 | | | | |
| UNDER .0140 +.0020 -.0005 | | | | | | ORIG D. NANNI 20181128 | | | | |
| .014 THRU .125 +.004 -.001 | | | | | | CHECKER | | | | |
| .126 THRU .250 +.005 -.001 | | | | | | RDE | | | | |
| .251 THRU .500 +.006 -.001 OVER 2.000 +.014 -.001 | | | | | | MFG | | | | |
| ON DECIMAL DIMENSIONS: | | | | | | ON ANGULAR DIMENSIONS: | | | | |
| .XXX ± .010 | | | | | | MACHINED ±0°30' | | | | |
| .XX ± .03 | | | | | | LOCATING ±0°30' | | | | |
| .X ± .1 | | | | | | FORMED ±2° | | | | |
| FINISH | | | | | | CHAMFERS ±5° | | | | |
| THIRD ANGLE PROJECTION | | | | | | | | | | |

NORTHROP GRUMMAN

15120 INNOVATION DRIVE, SAN DIEGO, CA 92128

TITLE
**HEAT EXCHANGER,
ITA**

SIZE DAI DWG NO REV
D 65409 DTE2237648 2

SCALE NONE SHEET 1 OF 3

SIGNATURES ON FILE

APPLICATION

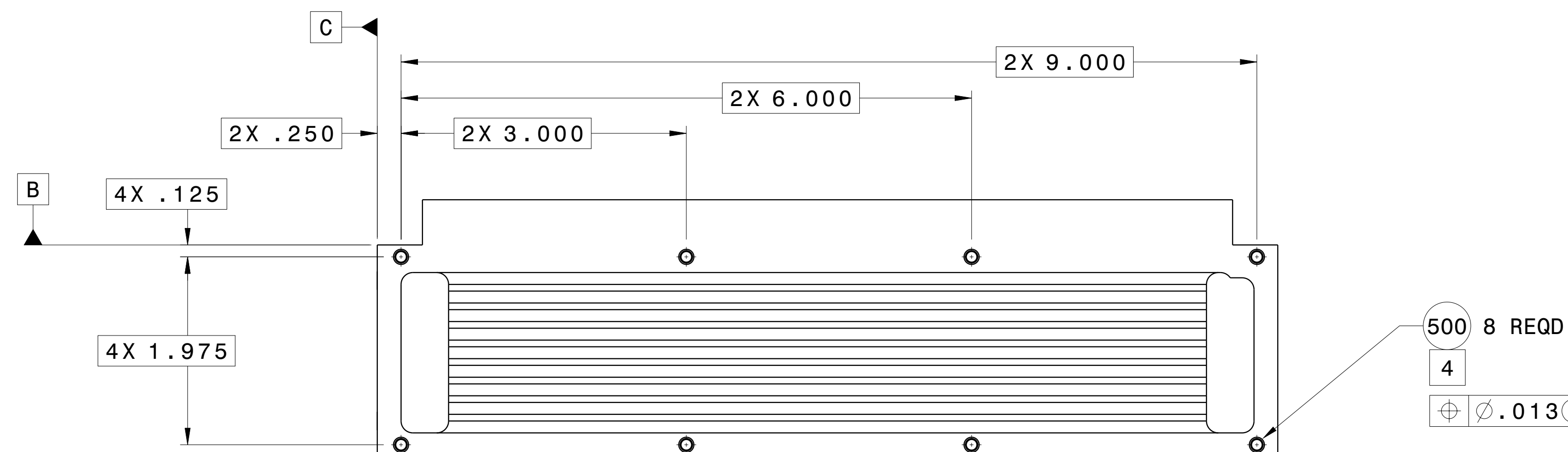
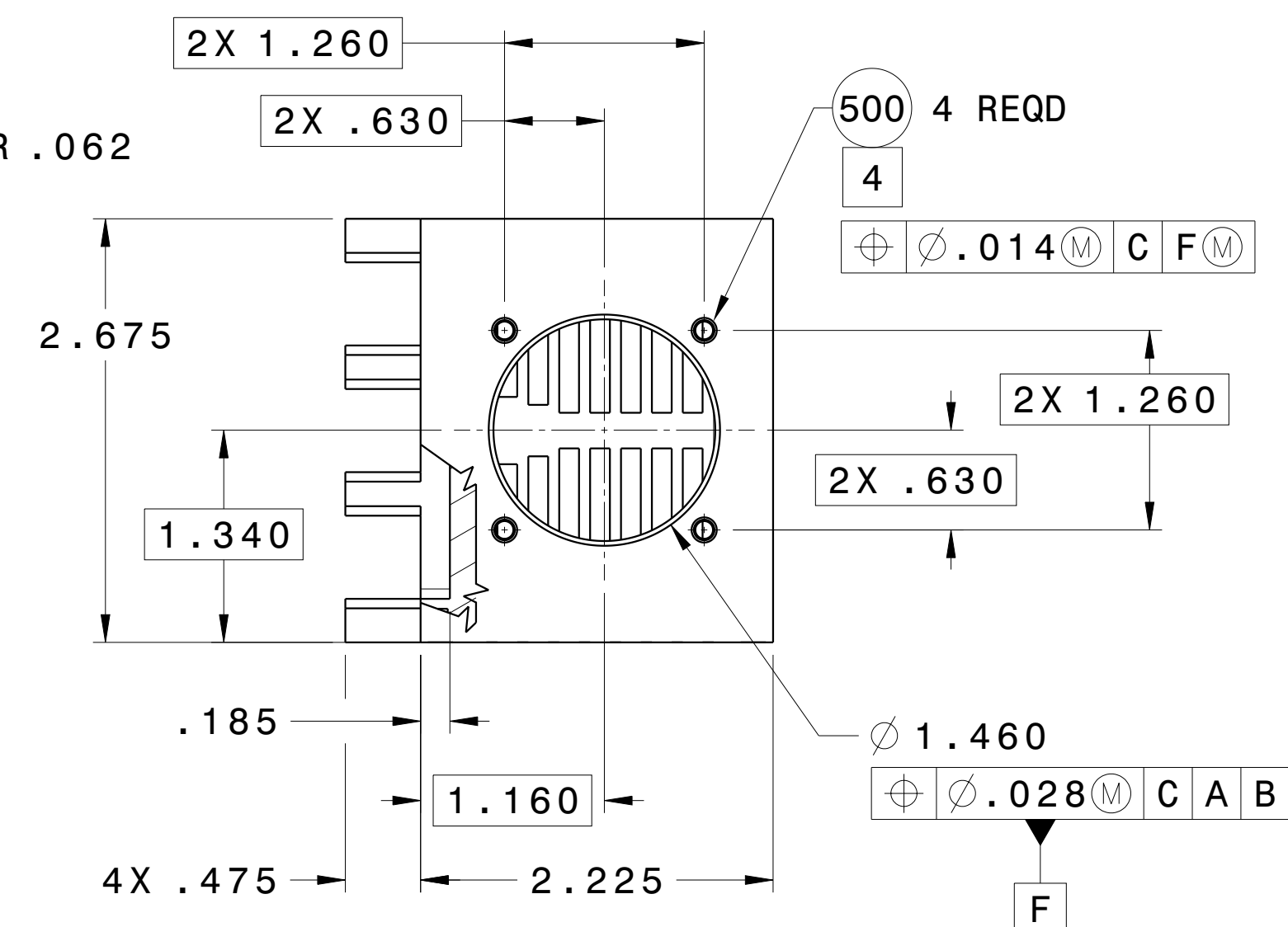
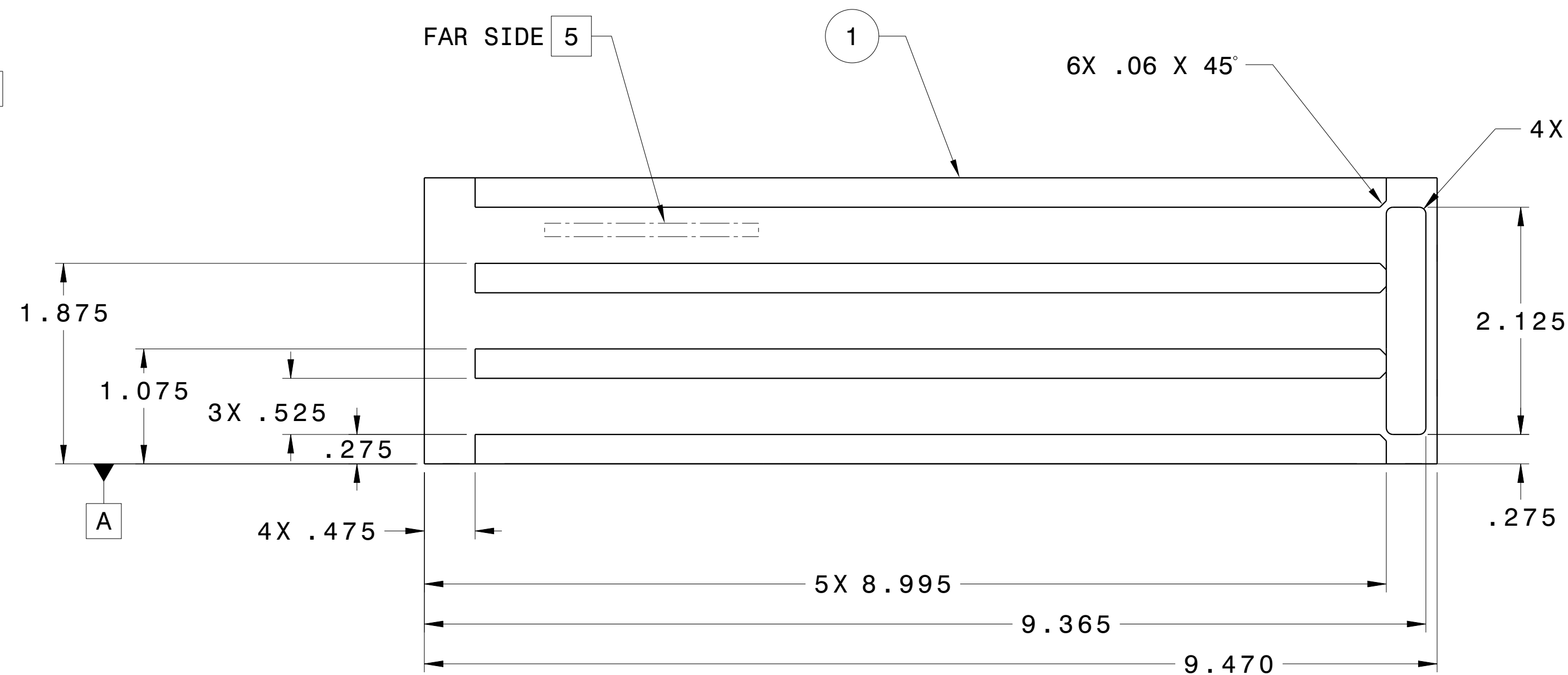
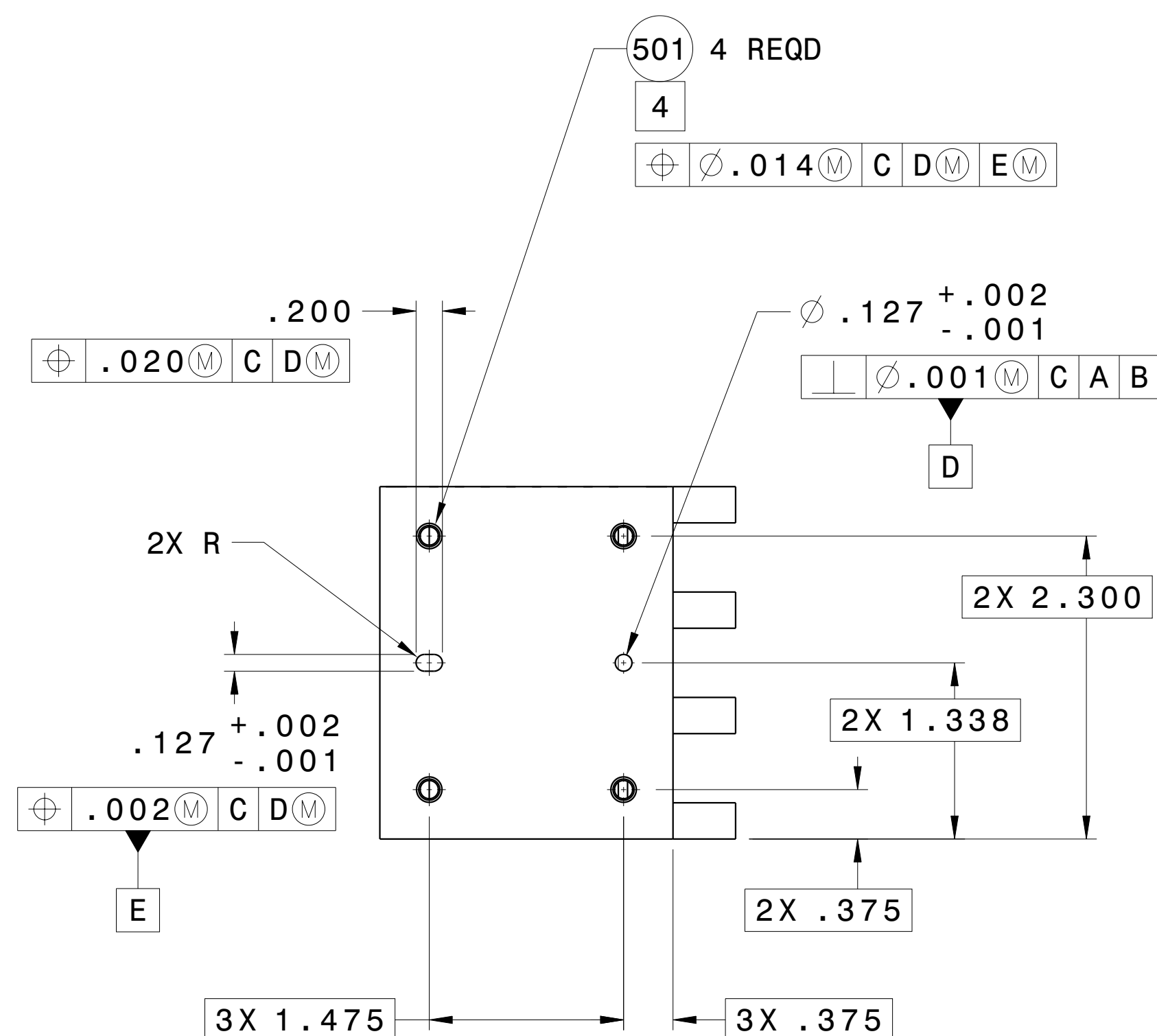
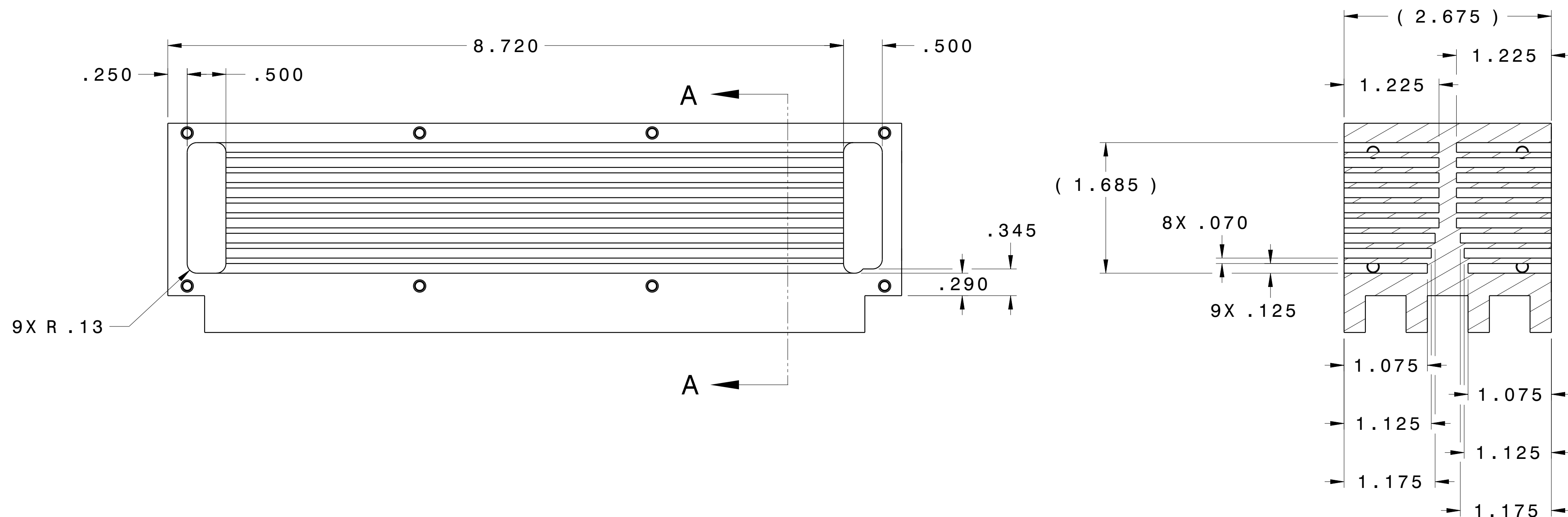
3

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DIMENSION AND FEATURES
APPLY TO BOTH SIDES



D

D

C

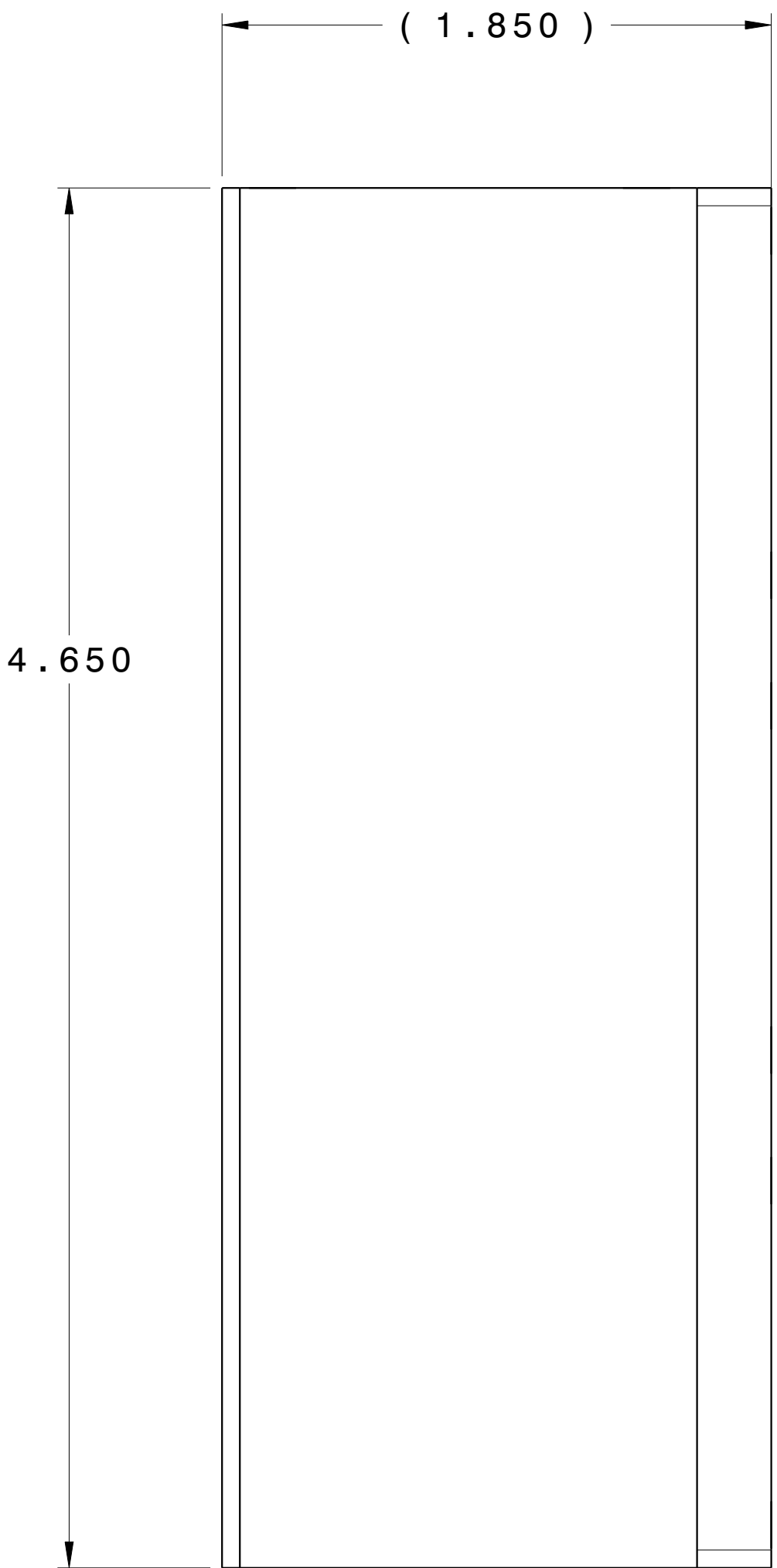
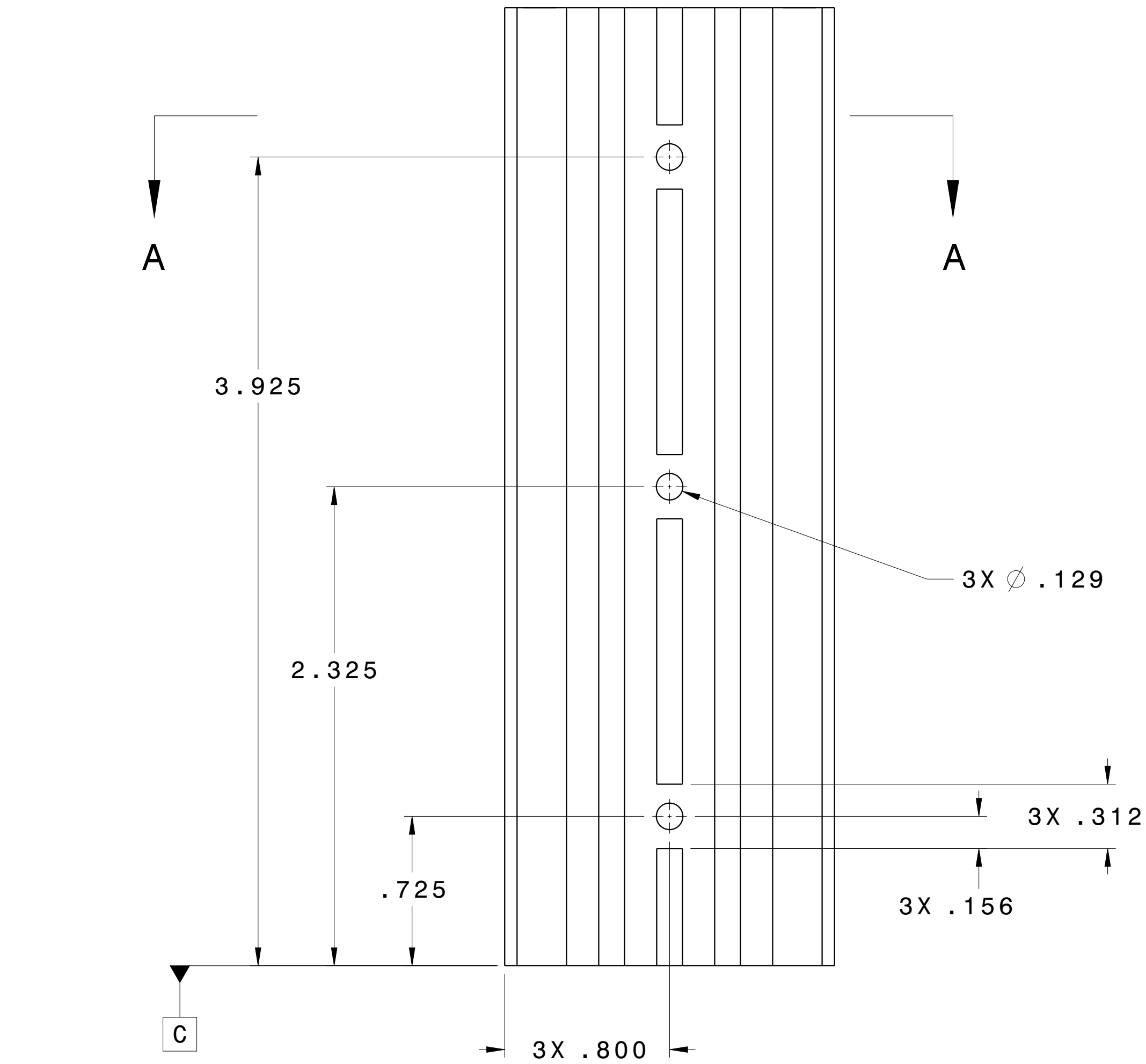
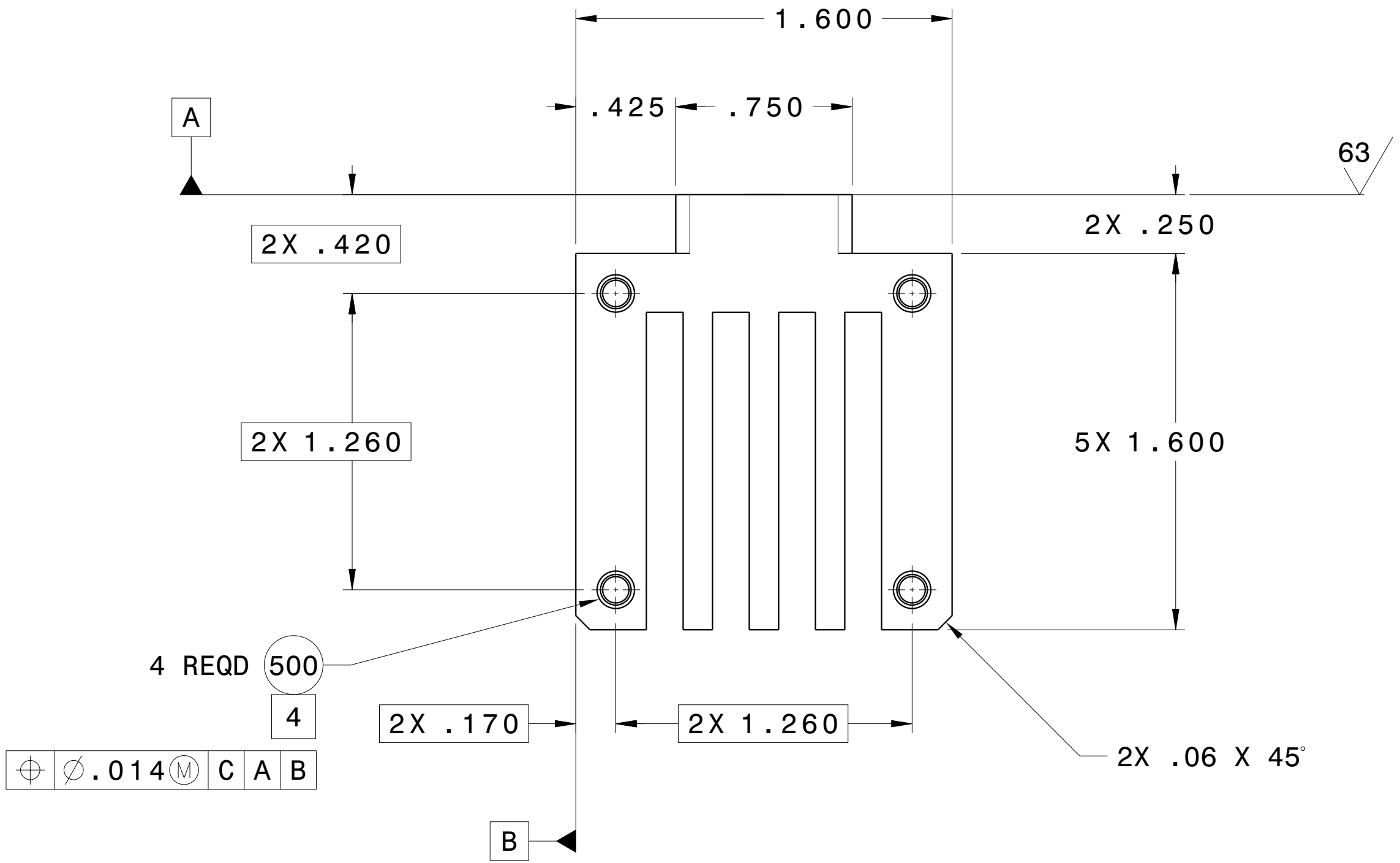
C

B

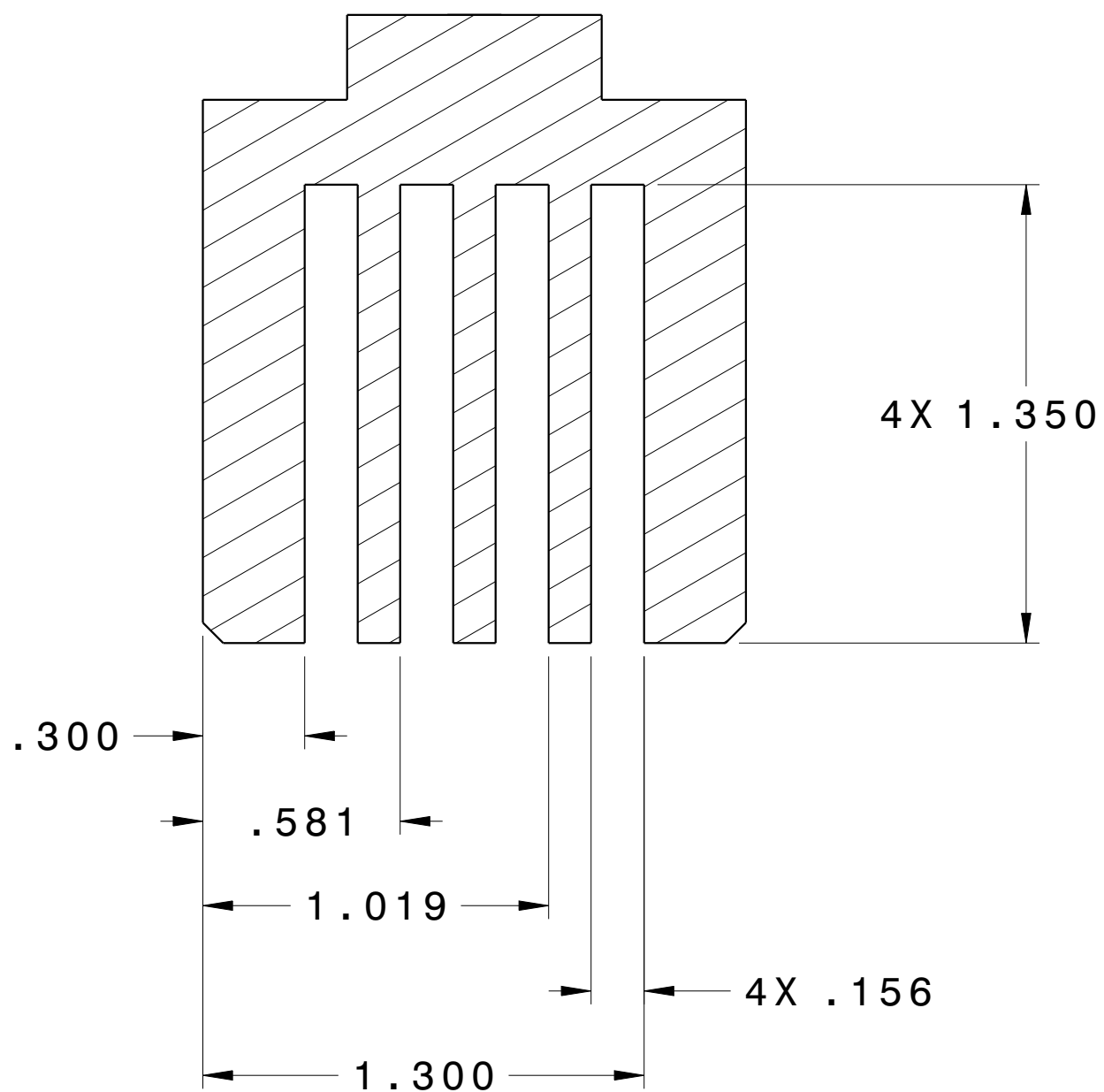
B

A

A



-2



SECTION A-A

