NOTES CONTINUED:

5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

6. Beryllium Copper, UNS C17200 Machine in H temper then harden to HT temper

1.250

3.375

$2x\ .0160^{+.0020}_{-.0015}$

0

0 — — 0

.150 — — .150

.141

2x R.125

2x R

4x R.250

3x ⌀ .129 THRU

(2x .0040±.0005)

.250

.129   .125

(.252)

0 — — 0

.125   .125

(.252)

.125

.500

.250

R.099

0
.100
.200
.375
.688
1.550
2.950
3.937
4.250
4.375
4.500

.0040±.0005

DETAIL A
SCALE 8 : 1
2 PLACES

D0901318-xx, S/N xxx
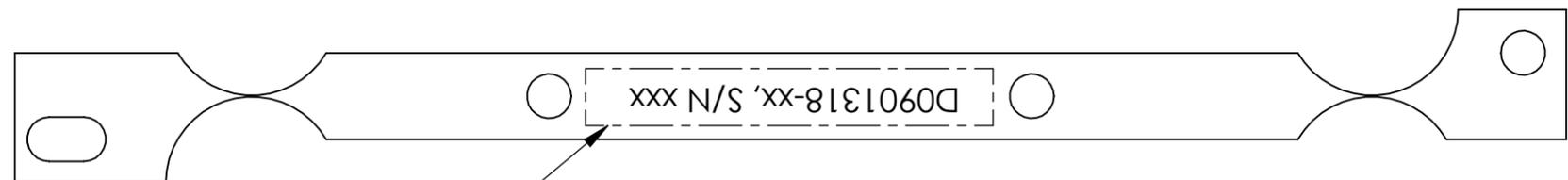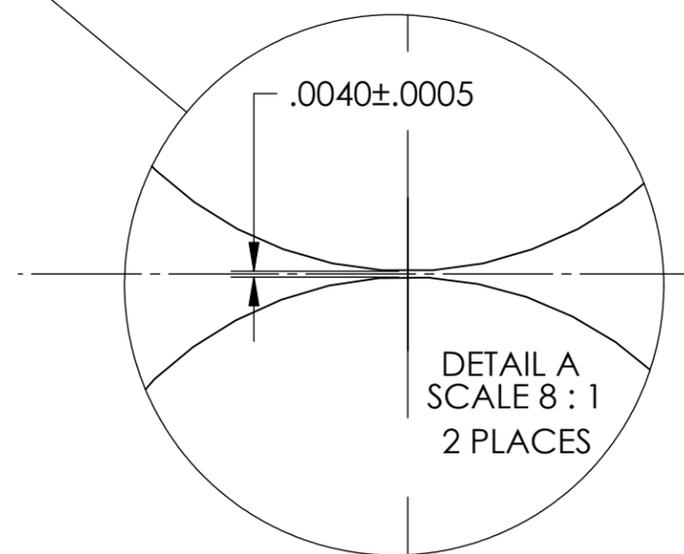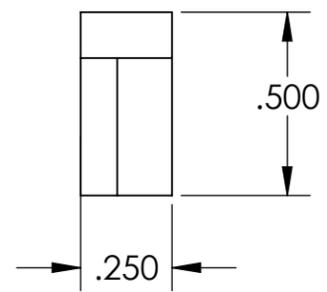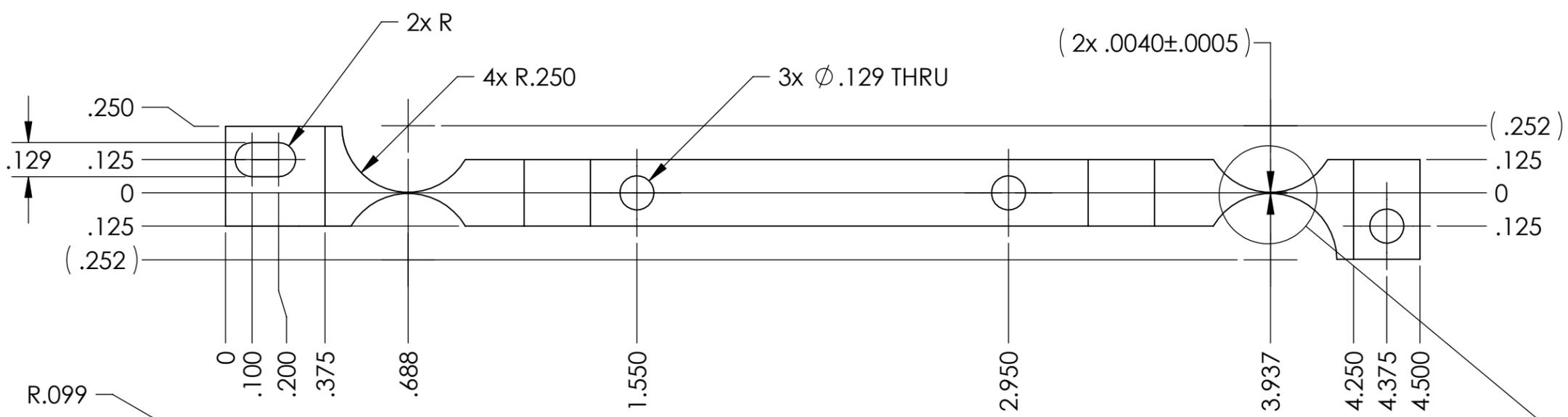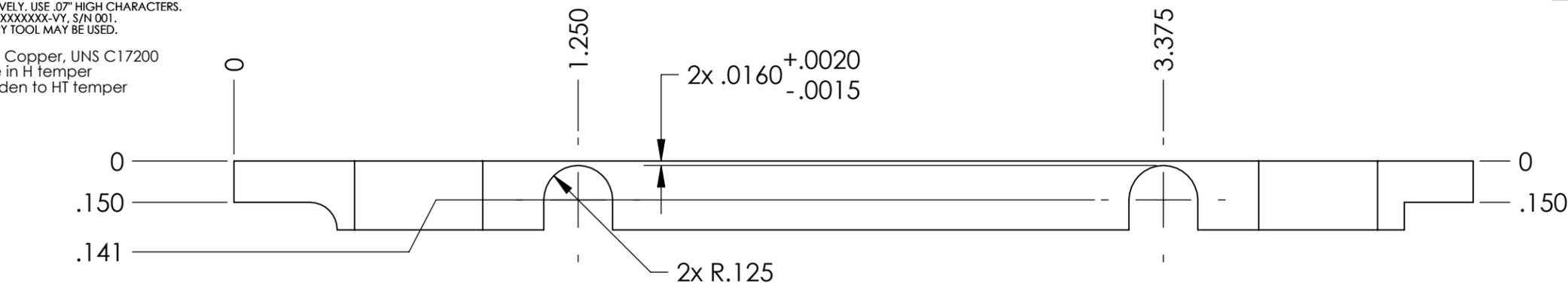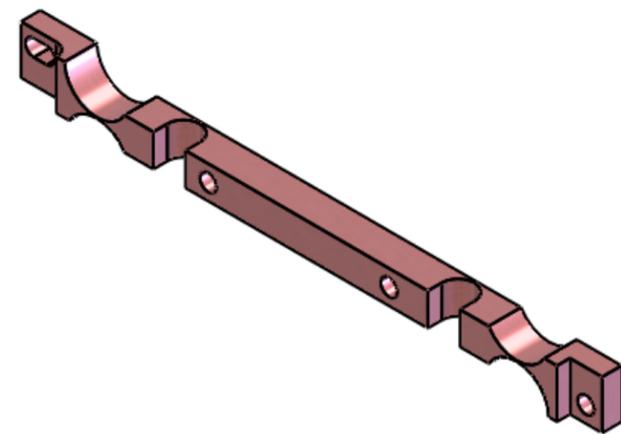
MAINTAIN TEXT ORIENTATION AS SHOWN ⟨5⟩

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LIGO

SYSTEM: ADVANCED LIGO

SUB-SYSTEM: SEI

MATERIAL: SEE NOTE 6

FINISH: 63 μinch

NEXT ASSY: GS-13

PART NAME: GS-13 flexure Bottom

DESIGNER	Daniel Clark	June 2009
DRAFTER	sbarnum	30 June 2009
CHECKER	Daniel Clark	1 July 2009
APPROVAL		

SIZE: B

DWG. NO.: D0901318

REV.: v2

SCALE: 2:1   PROJECTION: SHEET 1 OF 1