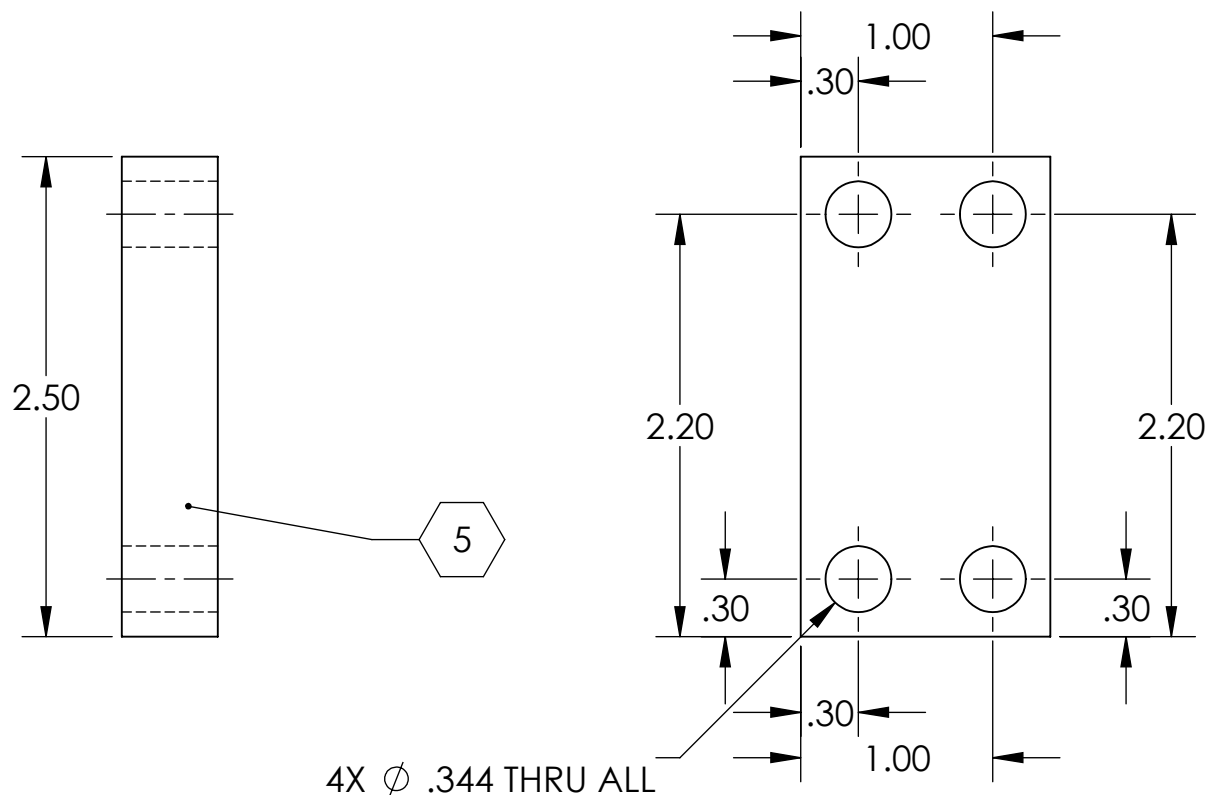
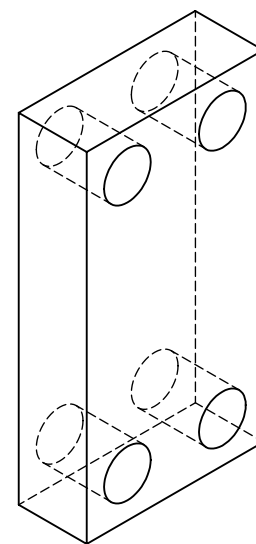
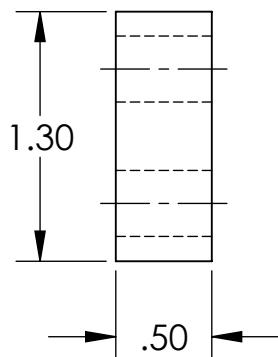


NOTES CONTINUED:

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

- 6. APPROXIMATE WEIGHT = 0.141 LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 11. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

| REV. | DATE        | DCN #    | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1   | 04 APR 2013 | E1300257 | -              |
| -    | -           | -        | -              |
| -    | -           | -        | -              |



D1300298 - Wire clamp on the suspension part 2, PART PDM REV.: , DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± 0.01  
 .XXX ± 0.005  
 ANGULAR ± 0.1°

- 1. INTERPRET DRAWING PER ASME Y14.5-1994.
- 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
- 3. DO NOT SCALE FROM DRAWING.
- 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL 6061 Alloy FINISH 63 μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO SUB-SYSTEM SEI

NEXT ASSY D1300315

PART NAME Wire clamp on the suspension part 2

|          |             |             |              |                 |             |
|----------|-------------|-------------|--------------|-----------------|-------------|
| DESIGNER | A.CARBAJO   | 04 APR 2013 | SIZE         | DWG. NO.        | REV.        |
| DRAFTER  | A.CARBAJO   | 04 APR 2013 | <b>B</b>     | <b>D1300298</b> | v1          |
| CHECKER  | F.MATICHARD | 04 APR 2013 | SCALE:       | 1:1             | PROJECTION: |
| APPROVAL | F.MATICHARD | 04 APR 2013 | SHEET 1 OF 1 |                 |             |