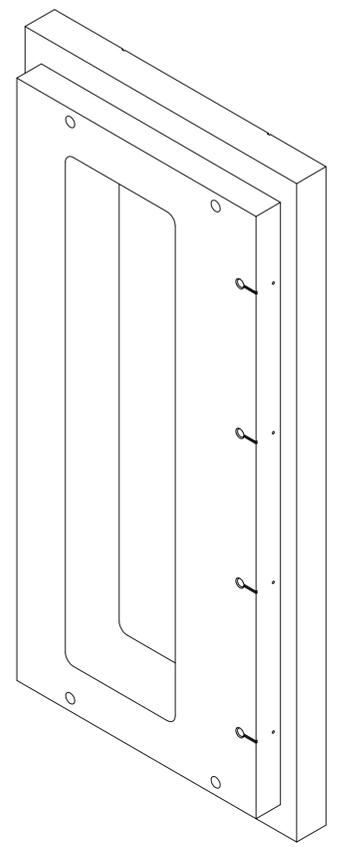
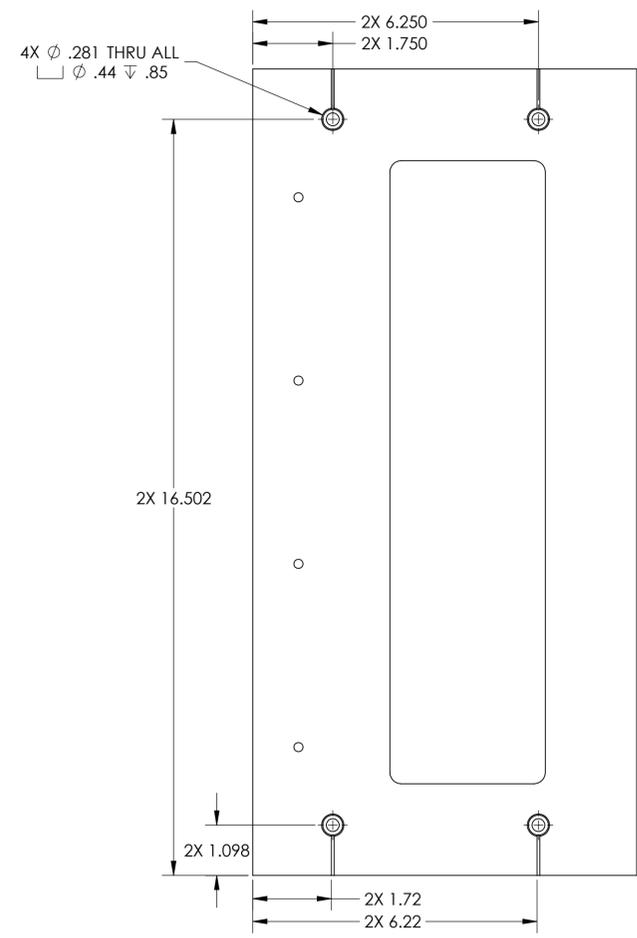
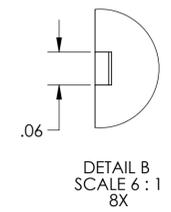
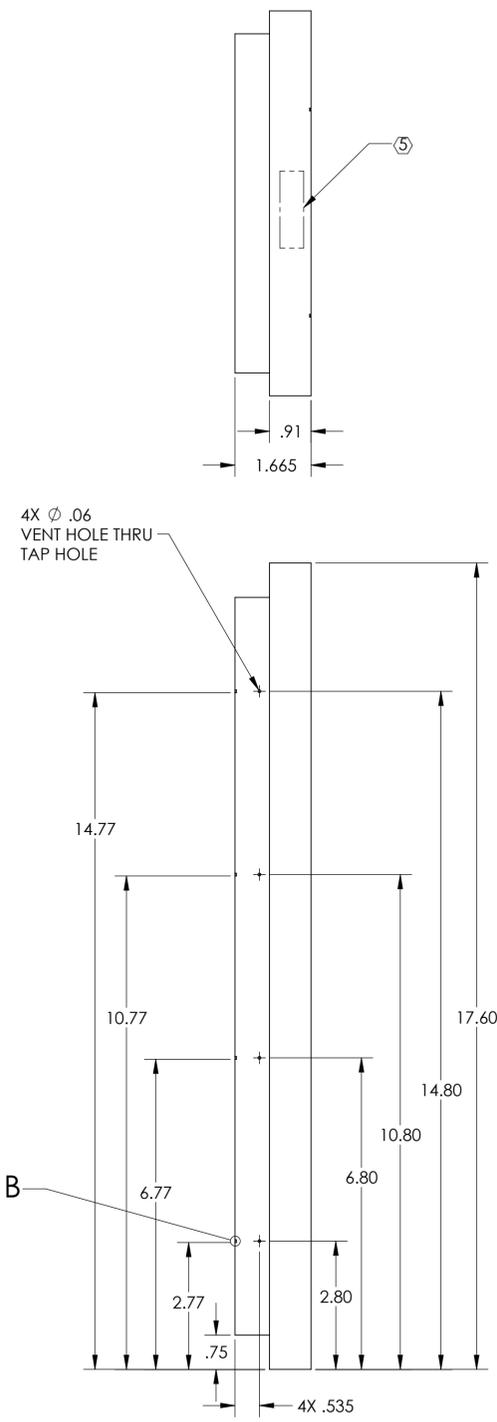
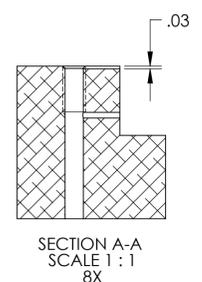
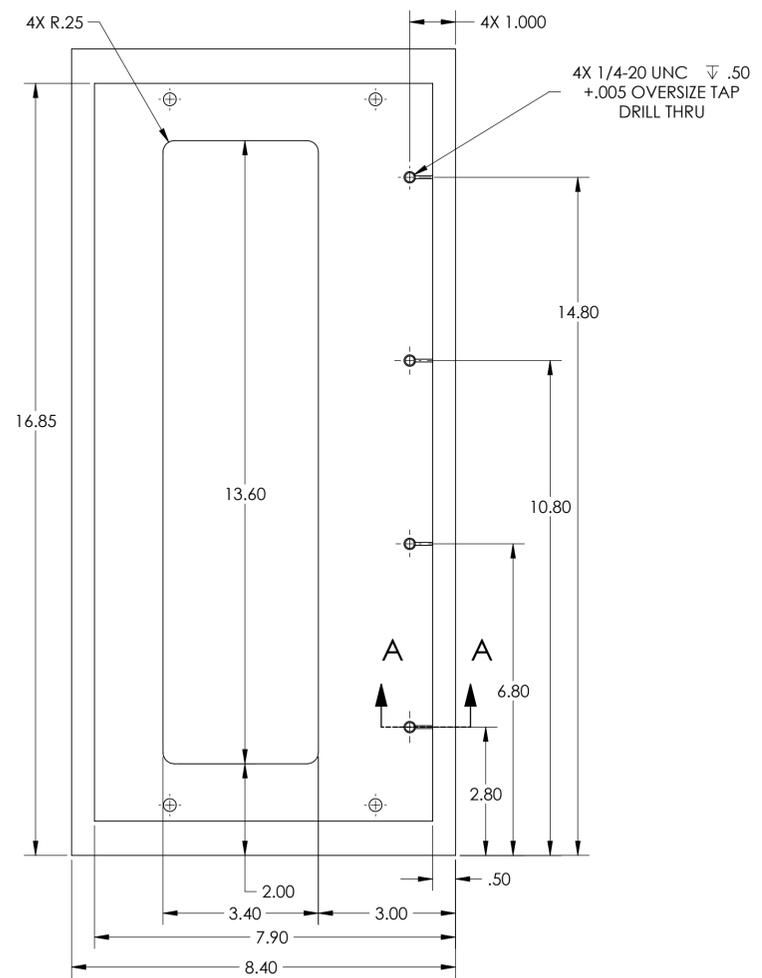


- NOTES CONTINUED:
- 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 14.307 LB.
  - 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
  - 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
  - 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NOT WELD REPAIRS OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO, REFER TO LIGO-E0900364.

| REV. | DATE       | DCN #       | DRAWING TREE # |
|------|------------|-------------|----------------|
| v1   | 3 OCT 2011 | E1100313-v1 |                |
|      |            |             |                |



| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)                                    |  |          |  | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY  |  | PART NAME                           |              |
|---|--|----------|--|--|--|-------------------------------------|--------------|
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XX ± .01<br>.XXX ± .005<br>ANGULAR ± 1.0° |  |          |  | 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, R.02 MIN.<br>3. DO NOT SCALE FROM DRAWING.<br>4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. |  | <b>ALIGO SR3 HR-AR_H1-L1 SPACER</b> |              |
| MATERIAL  |  | FINISH   |  | NEXT ASSY  |  | DESIGNER                            | REV.         |
| 6061-T6   |  | 63 μinch |  | D1003205   |  | TQ. NGUYEN                          | v1           |
|   |  |          |  | SYSTEM   |  | DATE                                | SIZE         |
|   |  |          |  | ADVANCED LIGO  |  | 29 SEP 2011                         | DWG. NO.     |
|   |  |          |  | AOS  |  | 3 OCT 2011                          | D            |
|   |  |          |  |  |  | CHECKER                             |              |
|   |  |          |  |  |  | L. AUSTIN                           |              |
|   |  |          |  |  |  | APPROVAL                            |              |
|   |  |          |  |  |  | M. SMITH                            |              |
|   |  |          |  |  |  | SCALE: 1:2                          | PROJECTION:  |
|   |  |          |  |  |  |                                     | SHEET 1 OF 1 |

D1100423 ALIGO SR3 HR-AR\_H1-L1 SPACER PART PDM REV: X-028 DRAWING PDM REV: X-024