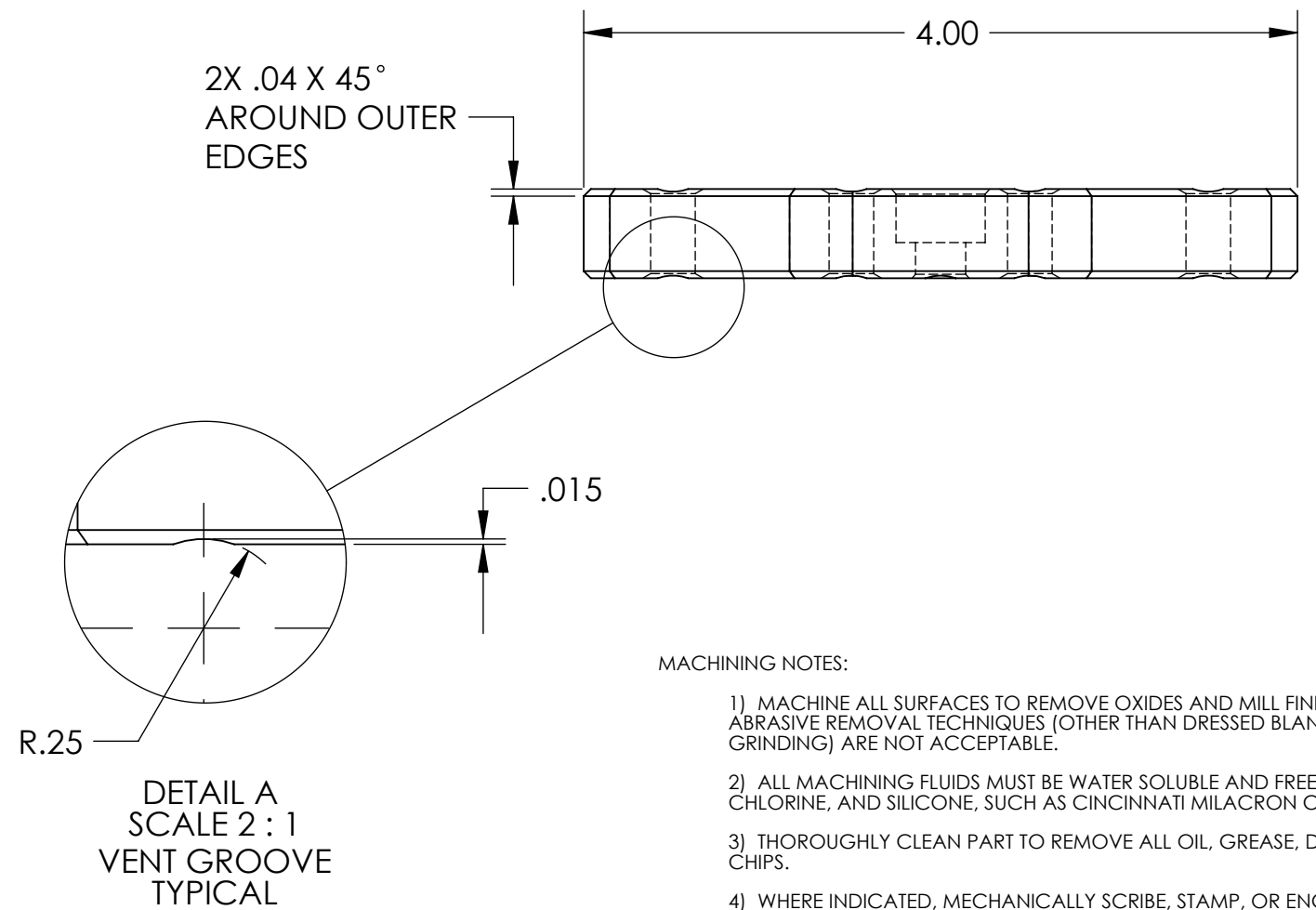
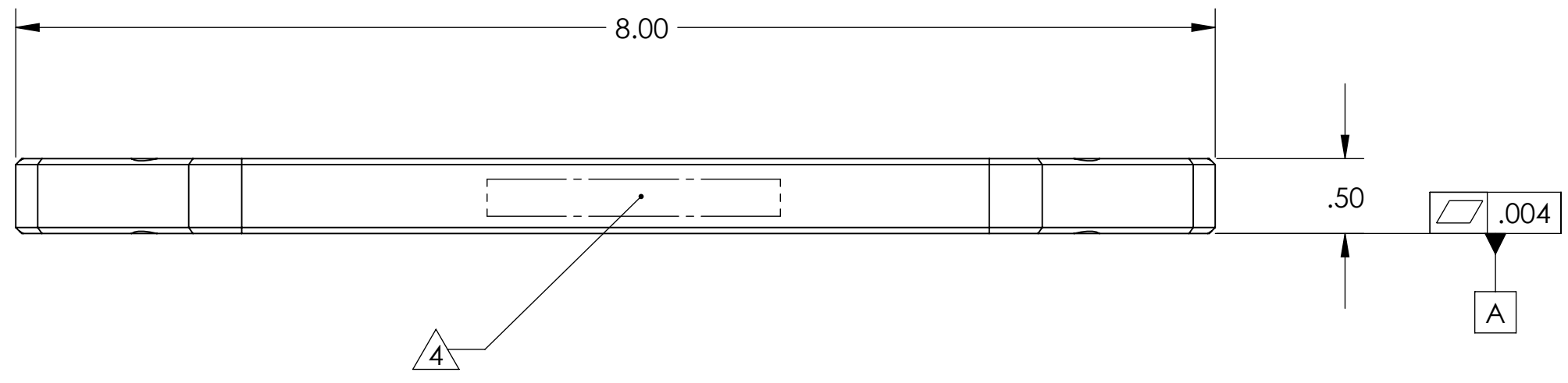
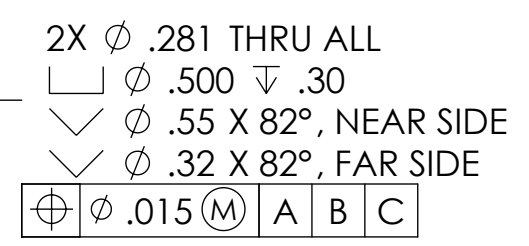
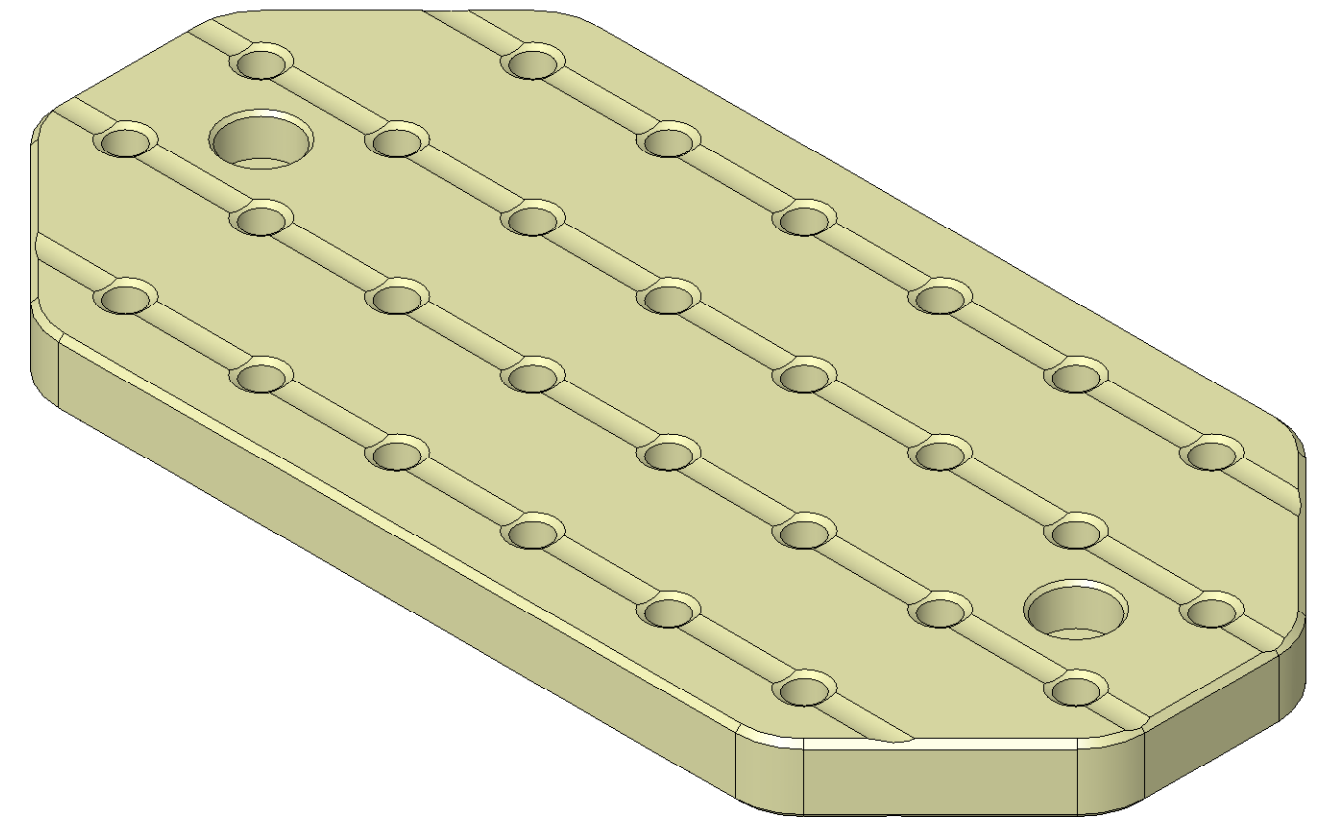
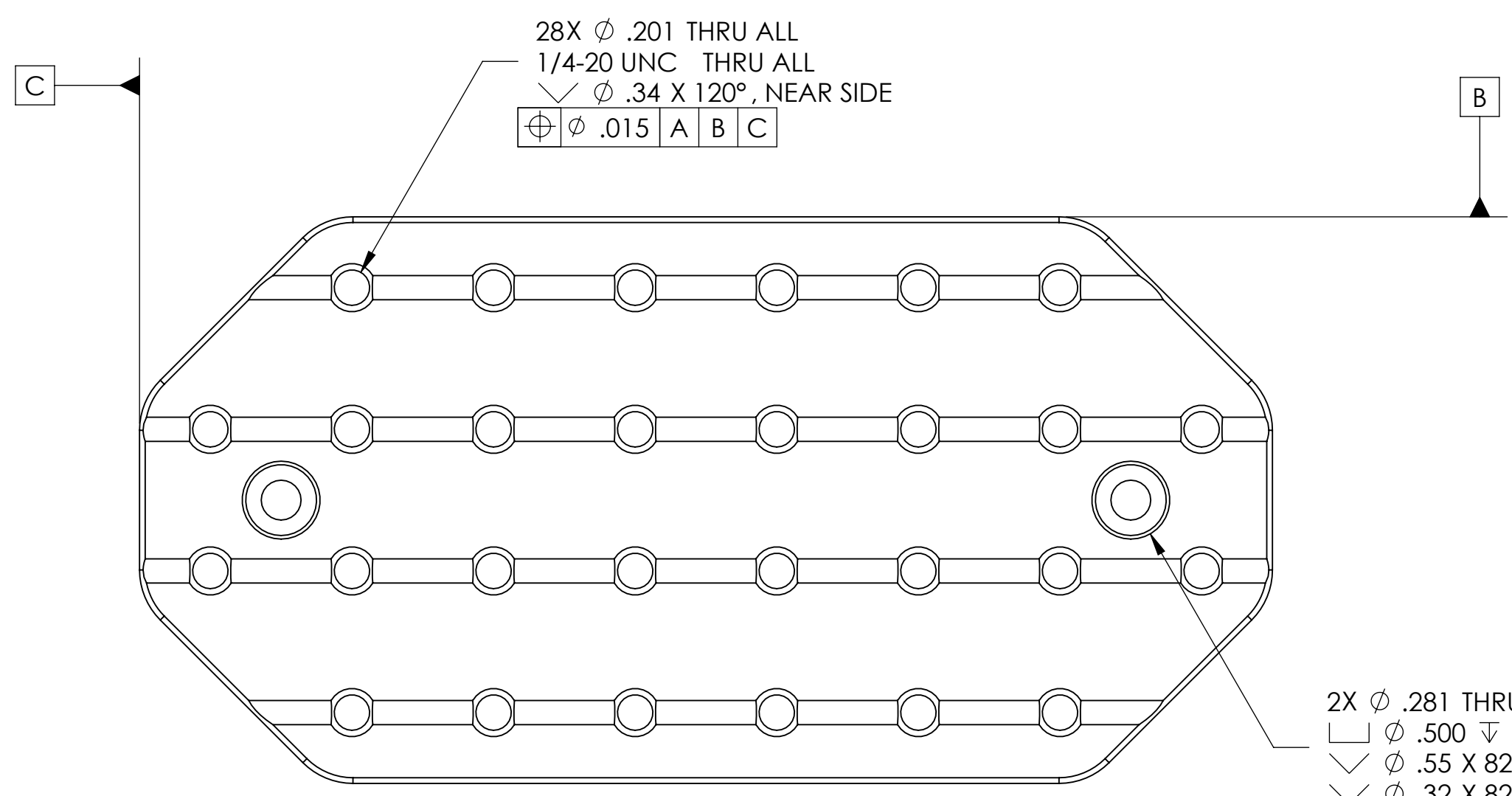


| REVISION HISTORY | | | | |
|------------------|-------------|------|----------|----------------------------|
| REV | DATE | ECN | APPROVAL | DESCRIPTION |
| V1 | 19 Mar 2009 | 1071 | A. Stein | Release for Advanced LIGO. |



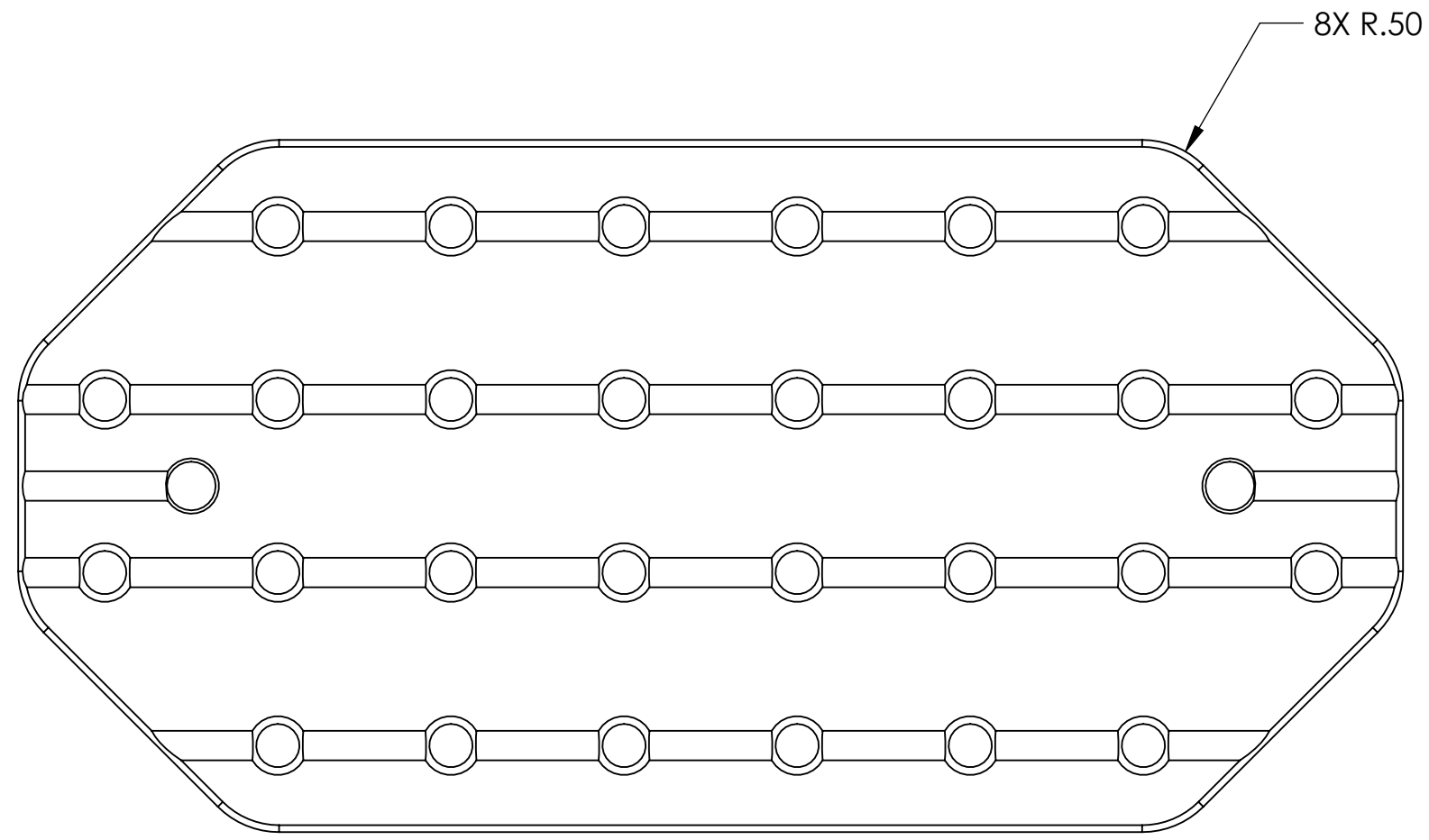
MACHINING NOTES:

- 1) MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. ABRASIVE REMOVAL TECHNIQUES (OTHER THAN DRESSED BLANCHARD GRINDING) ARE NOT ACCEPTABLE.
- 2) ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE, AND SILICONE, SUCH AS CINCINNATI MILACRON CIMTECH 410.
- 3) THOROUGHLY CLEAN PART TO REMOVE ALL OIL, GREASE, DIRT, AND CHIPS.
- 4) WHERE INDICATED, MECHANICALLY SCRIBE, STAMP, OR ENGRAVE THE FOLLOWING INFORMATION AS SHOWN BELOW: **PART NUMBER-REVISION** (AND **TYPE** IF INDICATED); FOLLOWED ON THE NEXT LINE WITH A UNIQUE 3-DIGIT **SERIAL NUMBER** STARTING AT 001 FOR THE FIRST PART AND INCREMENTING THEREAFTER. USE 0.38" TALL CHARACTERS UNLESS PART SIZE DICTATES SMALLER.

D0900312-V2
 S/N - ###

POST-MACHINING NOTES:

P1) CLEAN TO LIGO STANDARDS, CLASS A.



| | | | | | | | | | |
|--------------------------------|--|-----------------------------------|--|---|-------------------------|--------------|---|------------------------------------|--|
| APPROVALS | | DATE | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005 ANG TOL: ± 1° SURFACE ROUGHNESS: 4.3 REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY: | CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | | | | |
| ENGINEERING: Andy Stein | | 2/26/2009 | | DESCRIPTION: Wiring Breadboard, Small | P/N: D0900312 | CONFIG: - | | | |
| MATERIAL: 6061-T6 Al | FINISH: None | | CAD FILE NAME: D0900312_Wiring_Breadboard-Small | | | | | | |
| MASS: 1.3 lbs | <table border="1"> <tr> <td>\oplus</td> <td>ϕ .010</td> <td>A</td> <td>B</td> <td>C</td> </tr> </table> | | \oplus | ϕ .010 | A | B | C | PROJECT: HAM ISI, Advanced LIGO | |
| \oplus | ϕ .010 | A | B | C | | | | | |
| SIZE C | | SCALE: 1:1 | DRAWN BY: Andy Stein | REV V1 | | | | | |
| SHEET 1 OF 1 | | DATE PRINTED: 3/19/2009 | | | | | | | |