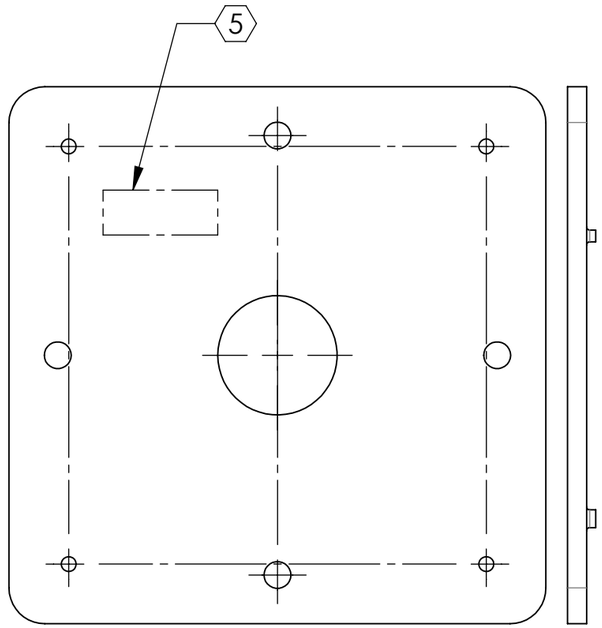
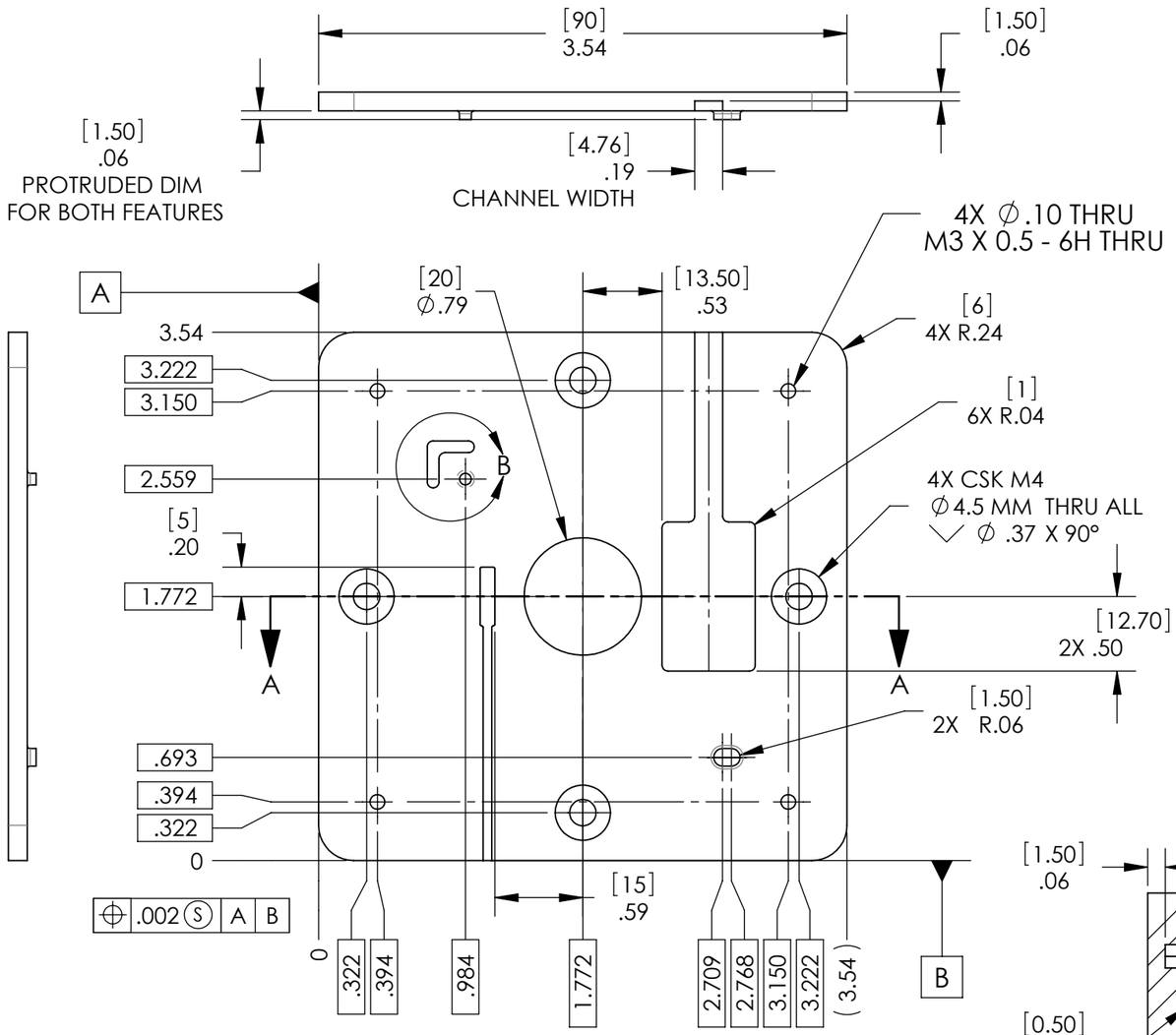
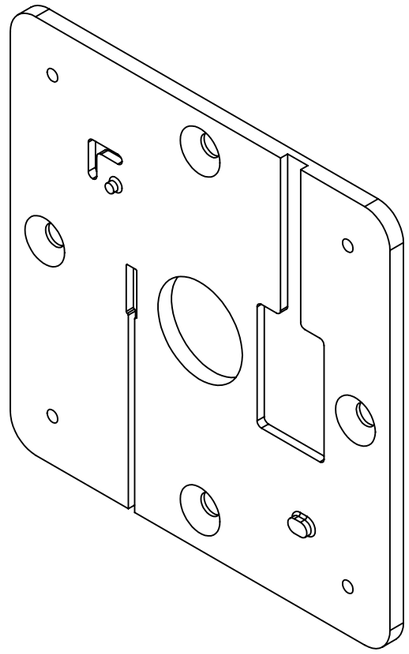
**NOTES CONTINUED:**

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: DXXXXXXX-VY, TYPE-XX, S/N XXX

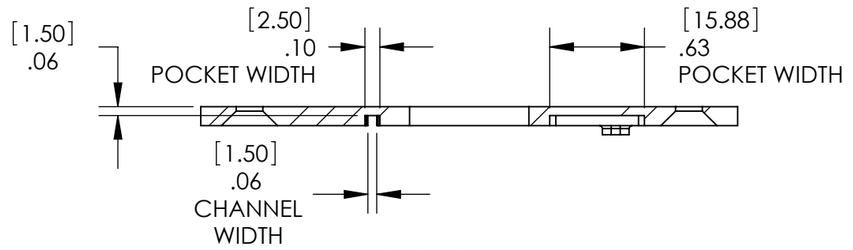
| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v3 | 28-FEB-2011 | E1100147-v1 | E1100148-v1 |
| - | - | - | - |
| - | - | - | - |



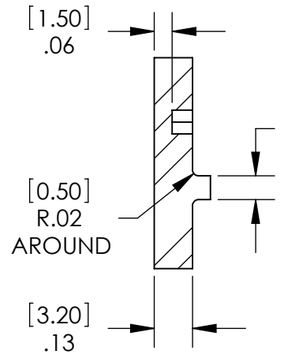



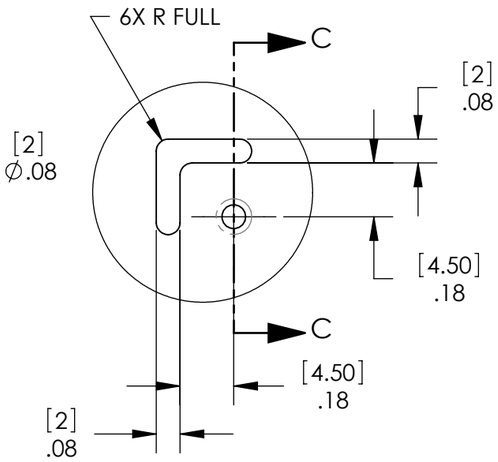



SECTION A-A




SECTION C-C
SCALE 2 : 1




DETAIL B
SCALE 2 : 1

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS ARE IN INCHES [MM]<br>TOLERANCES:<br>.XX ± .01<br>.XXX ± .002<br>ANGULAR ± 0.5° | 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. | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY<br>MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME<br>HARTMANN SENSOR CAMERA SPACER PLATE | | | | |
| | MATERIAL<br>INVAR | FINISH<br>32 µinch | SYSTEM<br>ADVANCED LIGO | SUB-SYSTEM<br>AOS | DESIGNER | M. JACOBSON | 25-MAR-2010 | SIZE<br>B | DWG. NO.<br>D1000708 REV. v3 |
| | | | NEXT ASSY<br>D1000657 | | DRAFTER | M. JACOBSON | 30-MAR-2010 | | |
| | | | | | CHECKER | B. ANDERSON | 15-FEB-2011 | | |
| | | | | | APPROVAL | A. BROOKS | 10 MAY 2010 | SCALE: 1:1 | PROJECTION: SHEET 1 OF 1 |

D1000708_aLIGO TCS HARTMANN SENSOR CAMERA SPACER PLATE, PART PDM REV: X-021, DRAWING PDM REV: X-005