

NOTES CONTINUED:

5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.

7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 08 OCT 2010 | E1000563 | |
| v2 | 28 JAN 2011 | E1000563 | |
| v3 | 30 JAN 2011 | E1000563 | |

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | |
|--|--|
| 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 MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | |
| DIMENSIONS ARE IN TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± .5° | MATERIAL: 6061-T6 Al FINISH: 63 μinch |

| | | | |
|---|--------------------------|--|-------------------|
| LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME FARADAY ISOLATOR TABLE | |
| SYSTEM ADVANCED LIGO | SUB-SYSTEM AOS | DESIGNER M.RUIZ | SIZE D |
| CHECKER | APPROVAL | DWG. NO. D0900015 | REV. v3 |
| MATERIAL 6061-T6 Al | | SCALE: 1:1 | |
| FINISH 63 μinch | | PROJECTION: | |
| NEXT ASSY D0900623 | | SHEET 1 OF 3 | |

D0900015_AudiLIGO_AOS_PFD090623_Isolator Table_PART PDM REV: X.014_DRAWING PDM REV: X.020

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E

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D

D

C

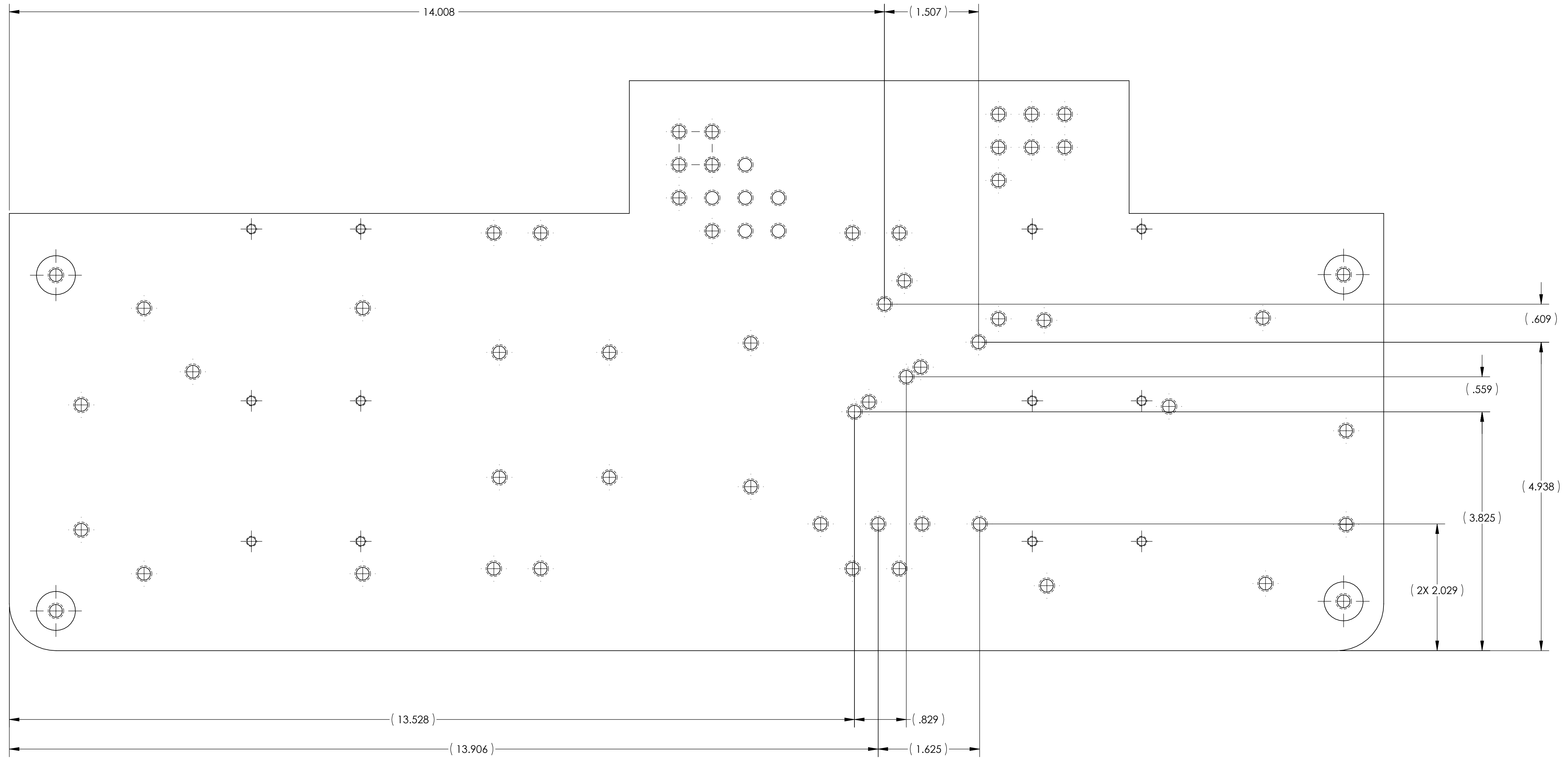
C

B

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A



(EXISTING HOLES-NOT USED FOR LASTEST VERSIONS, SHOULD BE REMOVED IF REMADE)

| | |
|---|---------------------------|
| LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | |
| SIZE DWG. NO. | REV. |
| D D0900015 | v3 |
| SCALE: 1:1 | PROJECTION: SHEET 3 OF 3 |

D0900015_AudiLIGO_ACS_FT09060623_Isometric Table PART PDM REV: X.014 DRAWING PDM REV: X.000