3 DCN# **DRAWING TREE # NOTES CONTINUED:** REV. DATE (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 101 FOR THE FIRST 09 APR 2010 E0900502 E0900353 v1 02 SEP 2010 E0900353 **v**2 E1000347 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: DXXXXXXX-VY, TYPE-XX, S/N XXX 6. APPROXIMATE WEIGHT = 0.047 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. .500 .75 $2X \oslash .177 \text{ THRU}$ ___ Ø .31 ▼ .16 .375 ISOMETRIC VIEW $2X \oslash .177 \text{ THRU-}$ **→** .25 TYP. 2X .162 1.040 .65 1.81 3X R.06 .73 — 1.00 – NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) PART NAME CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY **UPPER WIRE CLAMP MOUNT** . INTERPRET DRAWING PER ASME Y14.5-1994. **DIMENSIONS ARE IN INCHES** 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. SYSTEM SUB-SYSTEM **TOLERANCES:** 22 SEP 2009 | **SIZE** | **DWG. NO. DESIGNER** REV. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. M. MEYER .XX ± .03 .XXX ± .005 ADVANCED LIGO SUS DRAFTER B. MOORE 17 MAR 2010 MATERIAL FINISH **NEXT ASSY** CHECKER M. MEYER 18 MAR 2010 ANGULAR ± 0.5° D0902108 6061-T6 Al 63 µinch APPROVAL SHEET 1 OF 1 **SCALE**: 2:1 PROJECTION: 8 7 7 D0902110_AdvLIGO_SUS_HSTS_Wire_Clamp,_Upper_Wire_Jig, PART PDM REV: X-007, DRAWING PDM REV: X-004 6