

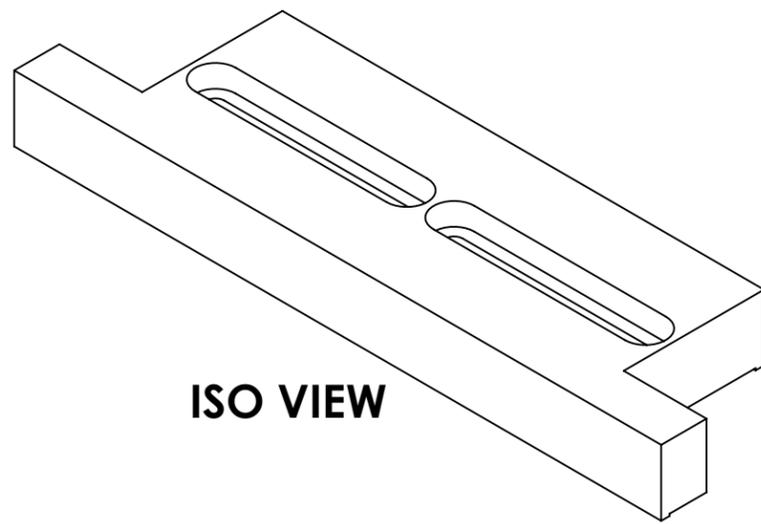
8 7 6 5 4 3 2 1

NOTES (CONTINUED):

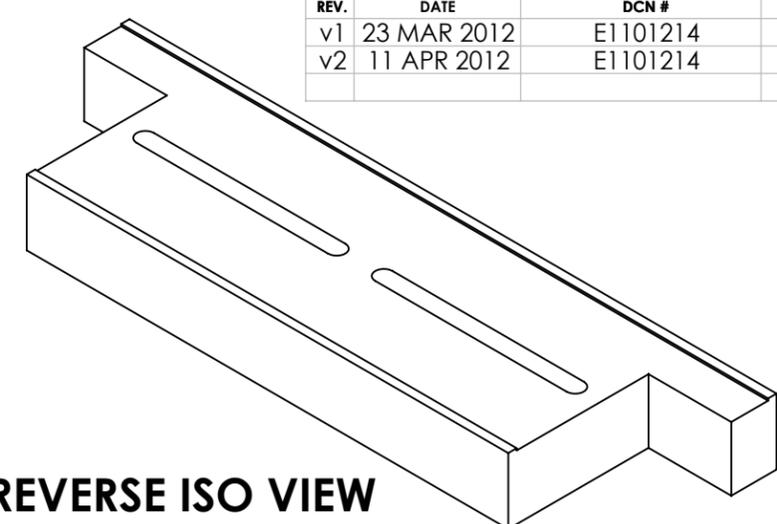
⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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. MASS: 2.663 KG [5.871 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. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL, WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.

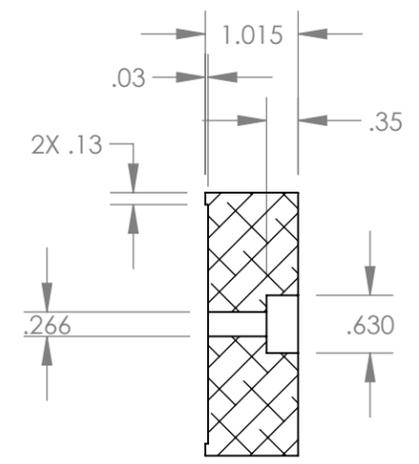
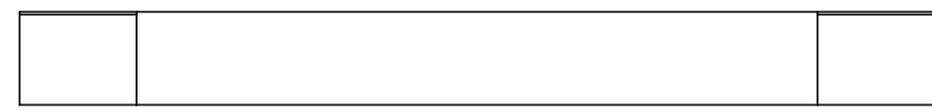
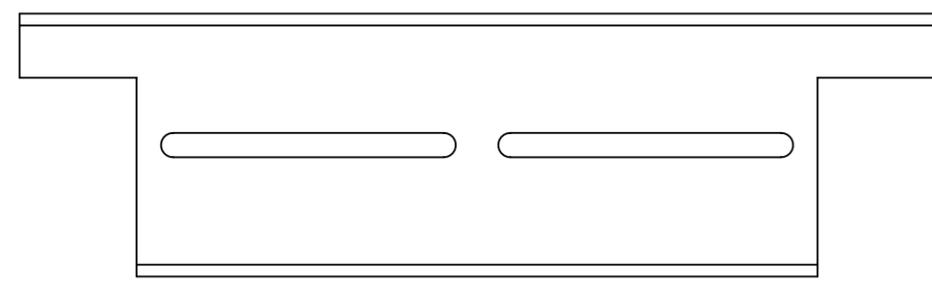
REV.	DATE	DCN #	DRAWING TREE #
v1	23 MAR 2012	E1101214	
v2	11 APR 2012	E1101214	



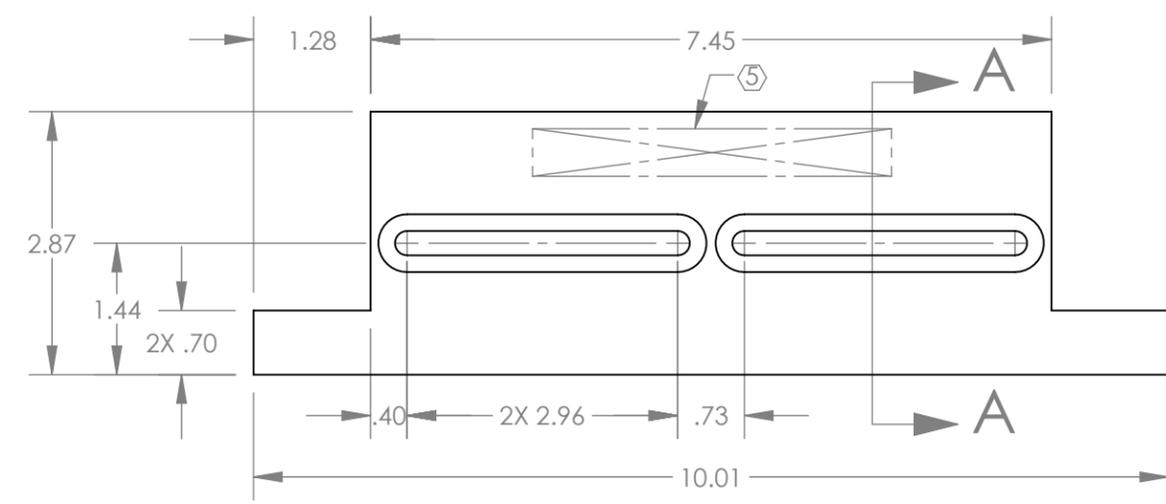
ISO VIEW



REVERSE ISO VIEW



SECTION A-A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		ALIGO TMS UPPER PITCH TRIM MASS	
TOLERANCES: .XX ± .01 .XXX ± .005				SUB-SYSTEM AOS		DESIGNER K. MAILAND 07 MAR 2012	
ANGULAR ± 0.1°				MATERIAL 304 SSSL		DRAFTER C. CONLEY 23 MAR 2012	
				FINISH 63 μinch Ra		CHECKER SEE DCN	
				NEXT ASSY D1101526		APPROVAL SEE DCN	
						SIZE DWG. NO. B D1200405	
						REV. v2	
						SCALE: NONE PROJECTION: SHEET 1 OF 1	

D1200405 alIGO TMS Upper Pitch Trim Mass, PART PDM REV: X-012, DRAWING PDM REV: X-004

8 7 6 5 4 3 2 1