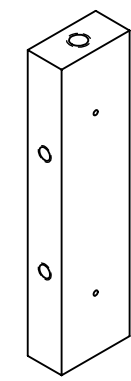
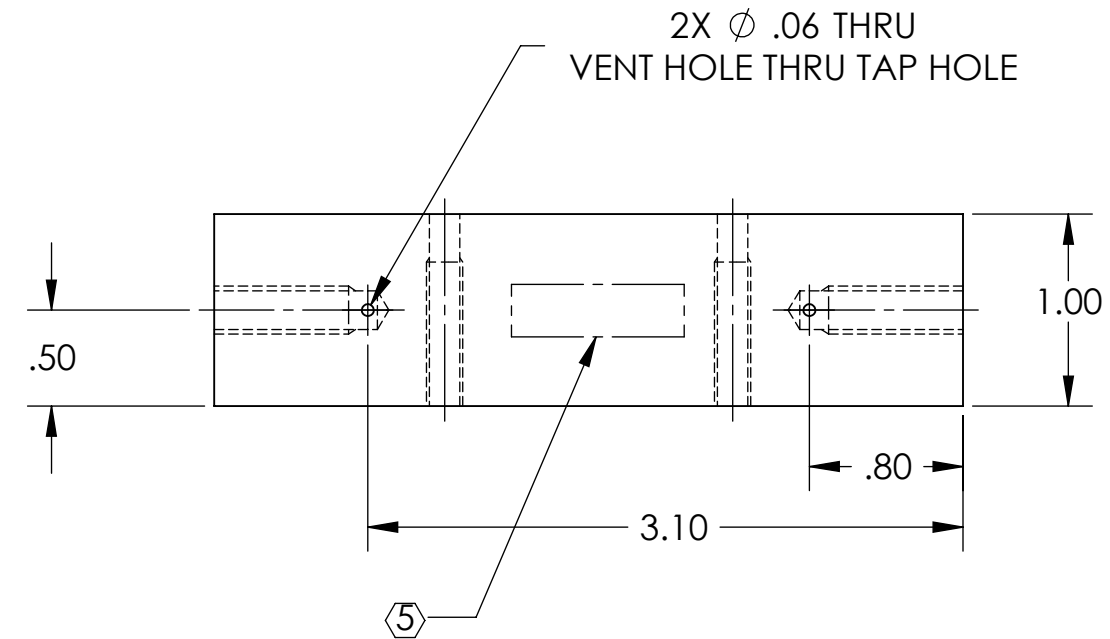


D1101488\_alIGO\_Manifold\_Flat\_Baffle\_Half Plate Brace, F ETM XY, PART PDM REV: X-009, DRAWING PDM REV: X-004

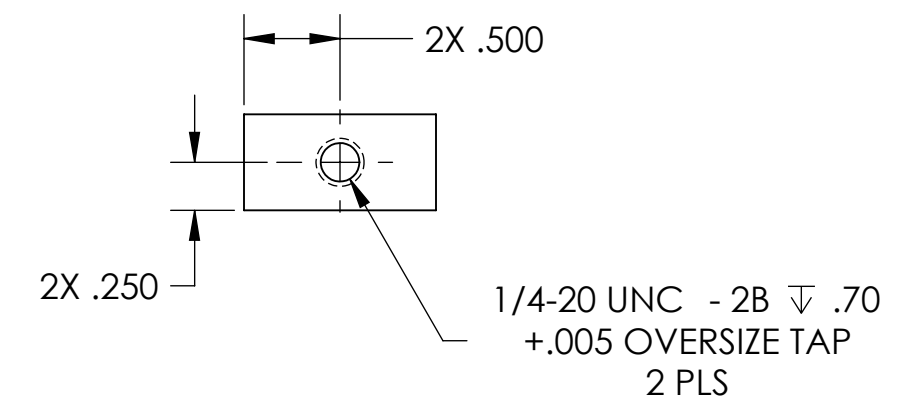
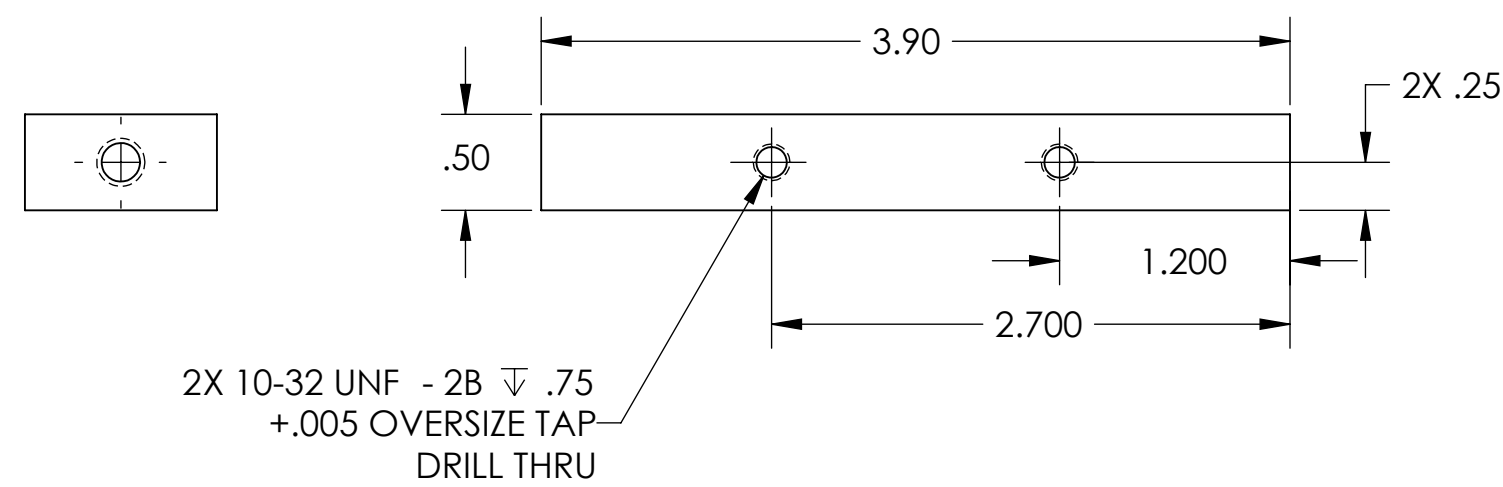
**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 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. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
- 9. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.

REV.	DATE	DCN #	DRAWING TREE #
v1	8 AUG 2011	E1100088-v1	-
-	-	-	-
-	-	-	-



GENERAL VIEW  
FOR REFERENCE ONLY  
NO SCALE



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 1.0°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		HALF PLATE BRACE	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	DATE
6061-T6 Al		63 μinch		ADVANCED LIGO	AOS	TQ. NGUYEN	22 DEC 2010
NEXT ASSY		D1003384		DRAFTER	CHECKER	TQ. NGUYEN	2 AUG 2011
				APPROVAL		M. SMITH	
						D. COYNE	
				SIZE	DWG. NO.	REV.	
				B	D1101488	v1	
				SCALE:	1:1	PROJECTION:	SHEET 1 OF 1