NOTES CONTINUED:

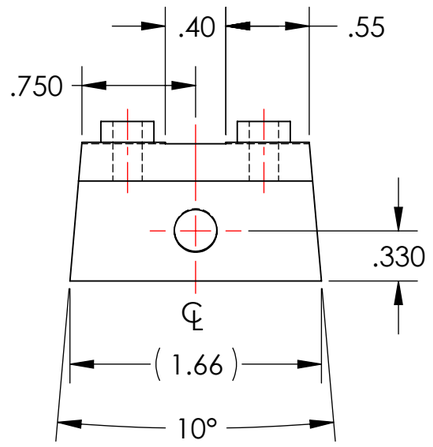
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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

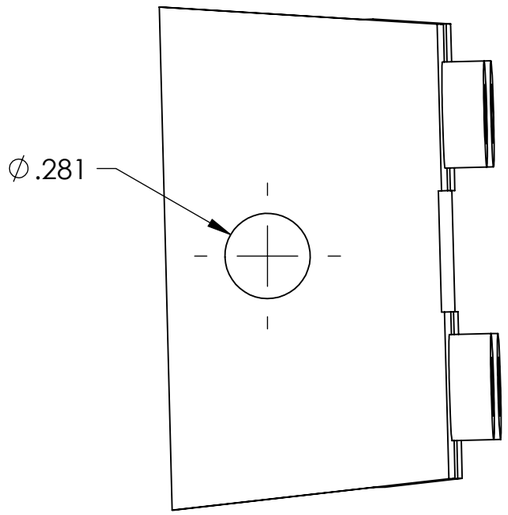
6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.

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

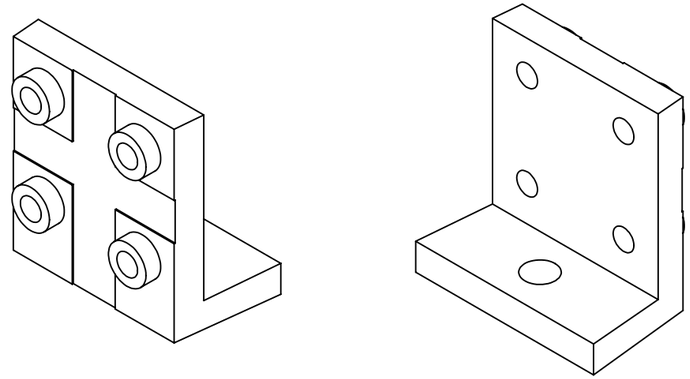
8. PART WILL BE OXIDIZED PER LIGO SPECIFICATION E1100842.

REV.	DATE	DCN #	DRAWING TREE #
v1	5 OCT 2010	E1000185	E1000358
v2	10 MAY 2011	E1000360-v2	
v3	18 OCT 2011	E1000360-v3	

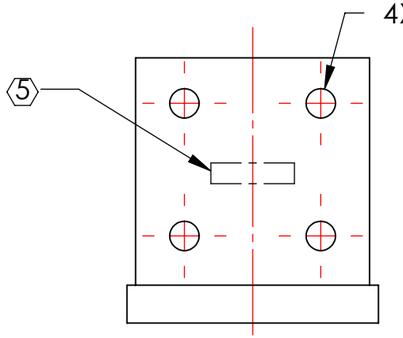


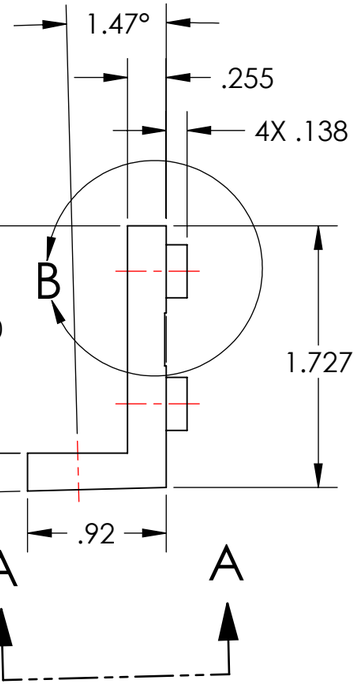


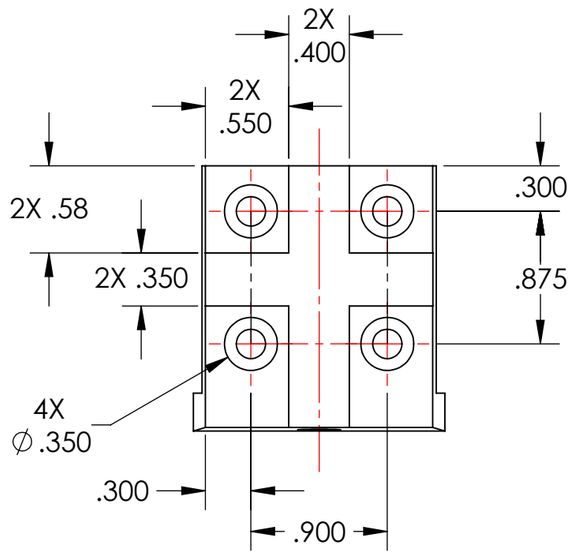
VIEW A-A
SCALE 2 : 1

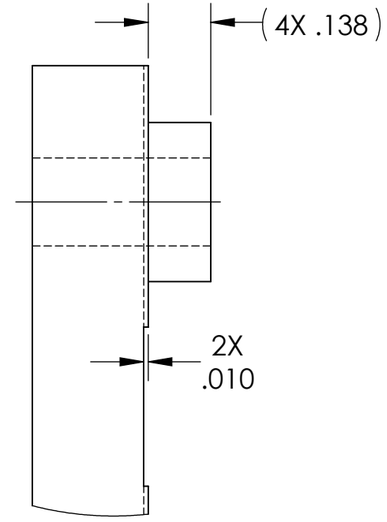


GENERAL VIEWS
FOR REFERENCE ONLY
NO SCALE









DETAIL B
SCALE 3 : 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)										
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES .005-.015 ON ALL EDGES AND HOLES. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: MANIFOLD CRYO MUSIC WIRE ADJ BRKT					
	MATERIAL: 304, 316 OR 302 SSTL	FINISH: 63 µinch	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER: H. KELMAN	20 JAN 2010	SIZE: B	DWG. NO.: D1000111		REV.: v3
			NEXT ASSY: D1101398, D1003183, D1003227		DRAFTER: TQ. NGUYEN	02 JUL 2010				
					CHECKER: M. SMITH	27 SEP 2010				
					APPROVAL: D. COYNE		SCALE: 1:1	PROJECTION:		SHEET 1 OF 1

D1000111_aLIGO_Manifold_Cryo_Music_Wire_Adj_Brkt, PART PDM REV: X-034, DRAWING PDM REV: X-024