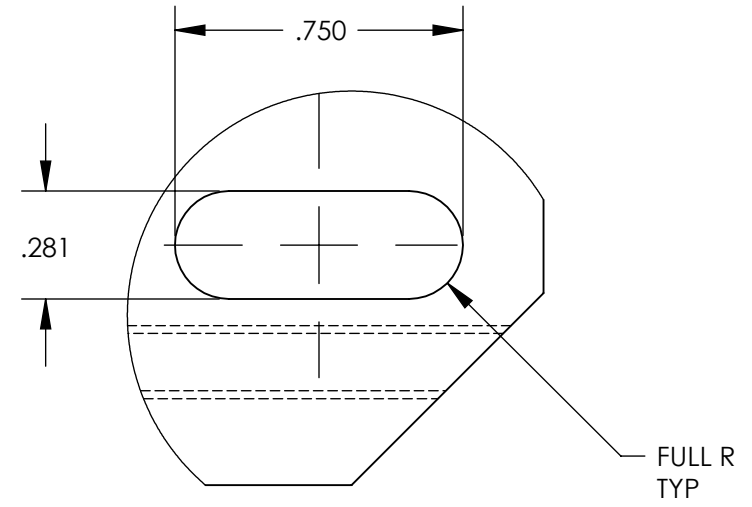


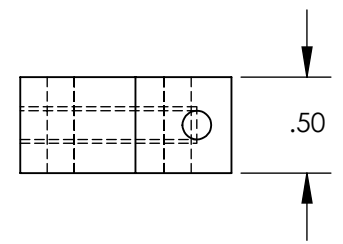
NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES 0.005" TO 0.015".
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
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. APPROXIMATE WEIGHT =0.127 LB.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364.
8. PART SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
9. 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.

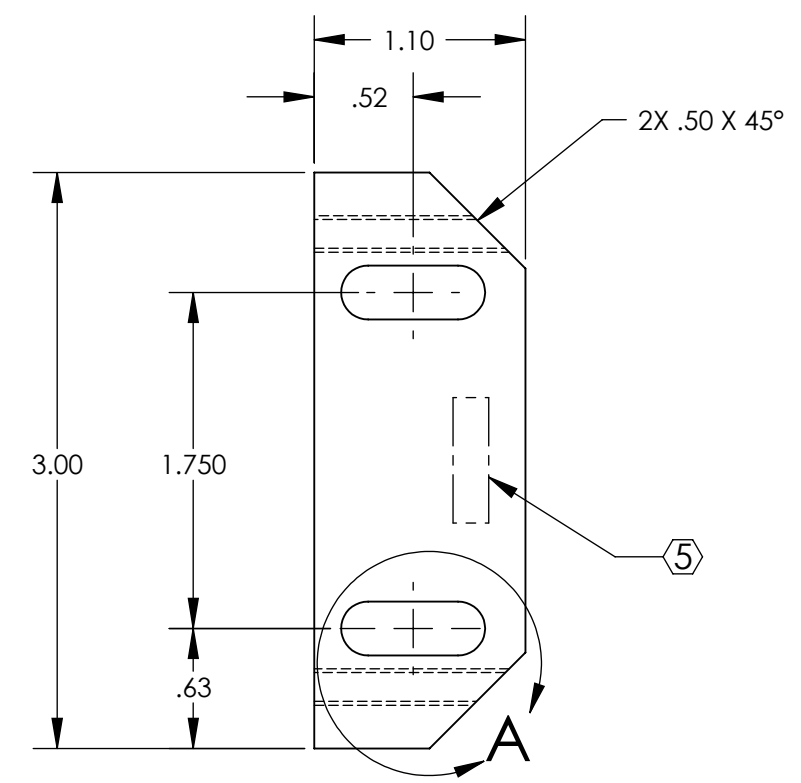
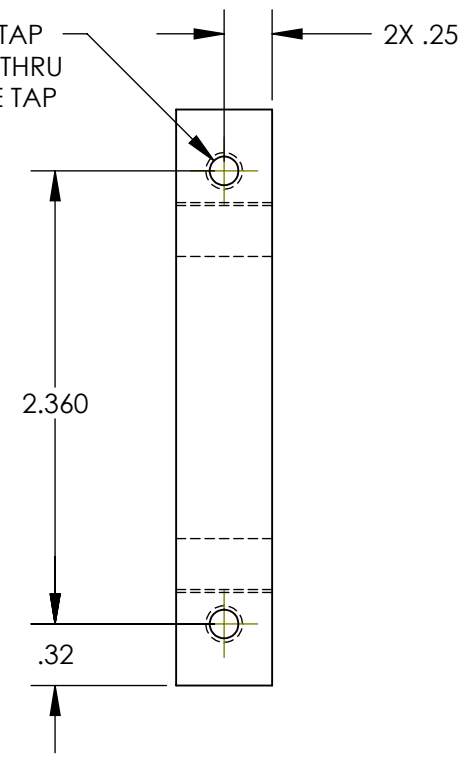
REV.	DATE	DCN #	DRAWING TREE #
v1	07 JUN 2010	E1000285	



DETAIL A
SCALE 2 : 1
2X



2X DRILL AND TAP
10-24 UNC -2B THRU
+.005 OVERSIZE TAP



D1000929_AdlLIGO_AOS_SLC Copper Support Plate, PART PDM REV: X-006, DRAWING PDM REV: X-014

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		SLC COPPER SUPPORT PLATE	
TOLERANCES: .XX ± .01 .XXX ± .005				SUB-SYSTEM AOS		DESIGNER	N.Nguyen 01 Jun 2010
ANGULAR ± 1.0°				NEXT ASSY D100863,D1002564		DRAFTER	TQ. NGUYEN 19 MAY 2010
MATERIAL	6061-T6 Al	FINISH	63 μinch	CHECKER	M. SMITH 30 JUN 2010	SIZE	DWG. NO. B D1000929
				APPROVAL	D. COYNE 10 SEP 2010	REV.	v1
						SCALE:	1:1
						PROJECTION:	ASME Y14.5
						SHEET 1 OF 1	