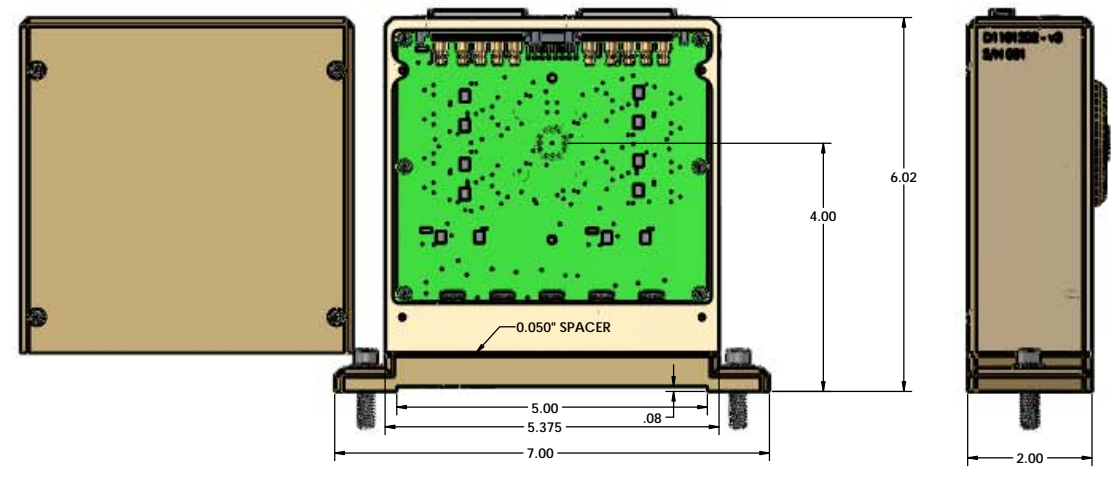
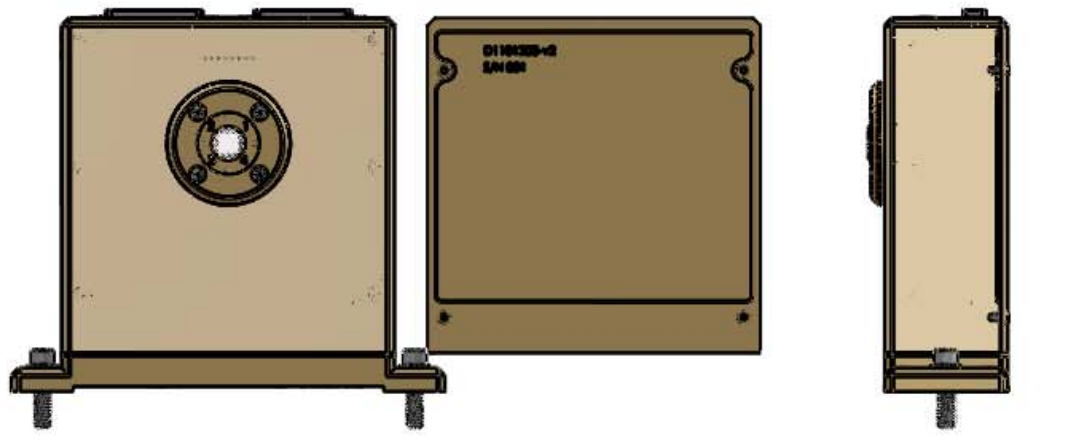
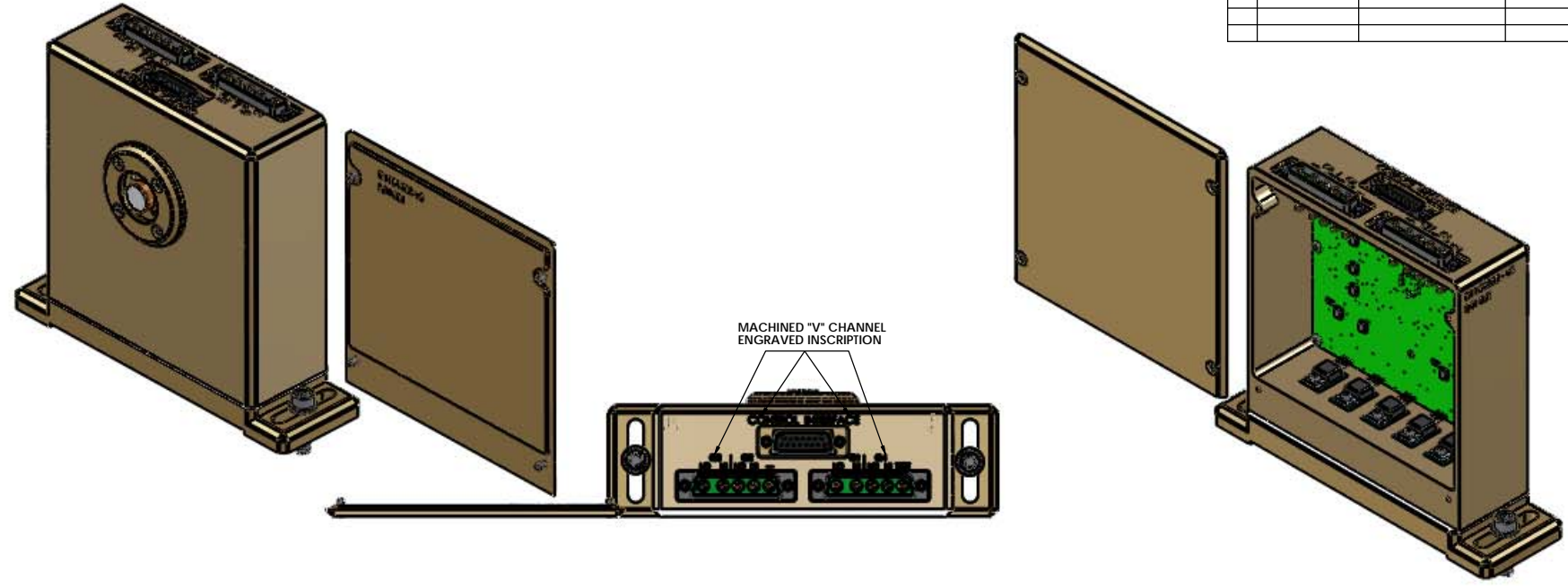
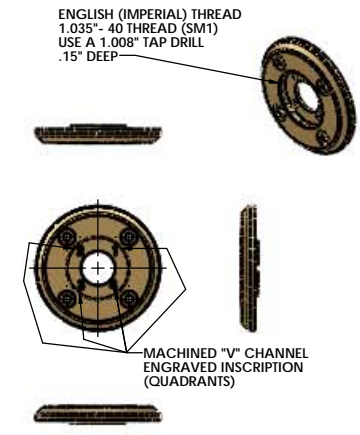


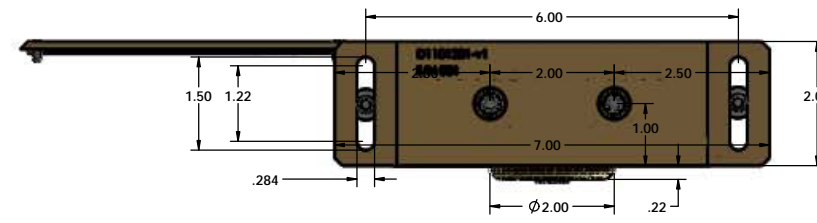
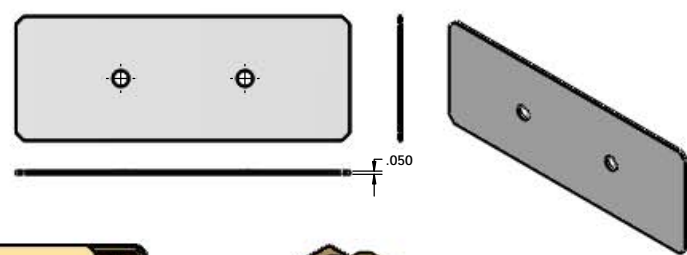
REV.	DATE	DCN #	DRAWING TREE #

- NOTES CONTINUED:
- SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP TWO (TWO OR THREE) DRAWING PART NUMBERS, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED BY THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: D110220-v1, TYPE XX, S/N 001
 - APPROXIMATE WEIGHT - X.XXX LB.
 - MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-ED900044
 - ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION ED900034.
 - THIS PART SHALL BE OIL-FREE AND APPROVED FOR USE IN THE LIGO PRODUCT CATEGORY TO WHICH IT BELONGS.
 - THIS PART SHALL BE INSTALLED BY LIGO PERSONNEL AFTER DELIVERY OF PARTS. USE APPROPRIATE SHIMMED INSERTS.
 - ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, FLUES OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-ED900044
 - SURFACE FINISH TO BE AS PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 - THIS PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION ED900044 AFTER FABRICATION. UNLESS OTHERWISE SPECIFIED, ALL METAL PARTS TO BE PORCELAIN COATED TO APPROXIMATELY 2-3 MILS. HOLE DIAMETER ENLARGED ON BOTH SIDES OF THE HOLE.
 - BEND RADIUS UNLESS OTHERWISE NOTED. THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO MAINTAIN STRENGTH. ADDITIONAL WORK WHEN FORMING: IN PARTS MADE OF METALS TO BE PORCELAIN COATED, THE BEND RADIUS SHOULD BE A MINIMUM OF .12" OUTSIDE BEND UNLESS OTHERWISE NOTED.

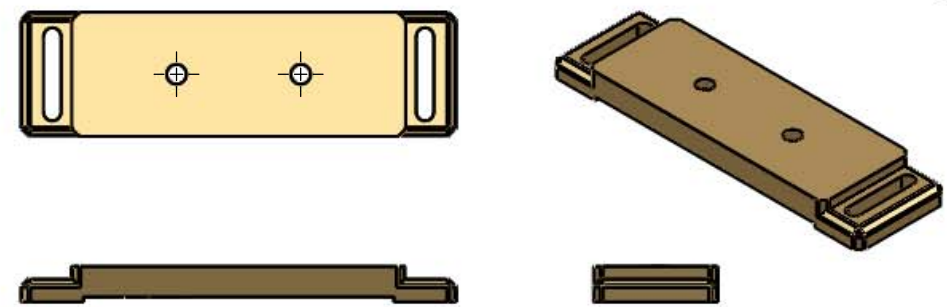
NOTES 9, 10, 13, 14 and 15 DO NOT APPLY TO THIS PART



SPACER FOR BASE
DCC# D1101205

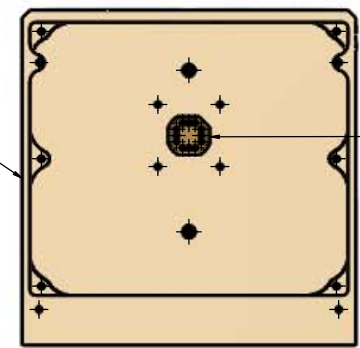


INTERCHANGEABILITY LISTING				
AS OF THIS DATE	THIS DCC # (PART NUMBER)	IS EQUIVALENT TO	THIS DCC # (PART NUMBER)	WITH THESE DIFFERENCES
FEB/21/2012	D1101204-v3 (PHOTO HOOD)	=	D1102420-v1 (PHOTO HOOD)	
FEB/21/2012	D1101206-v3 (PEEK SPACER)	=	D1102422-v1 (PEEK SPACER)	



BASE
DCC# D1101201

MAIN BODY
DCC# D1101202



PHOTODIODE
ALIGNMENT SPACER
DCC# D1101206

NOTES AND TOLERANCES: UNLESS OTHERWISE SPECIFIED		CALIFORNIA INSTITUTE OF TECHNOLOGY LIGO MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
1. INTERPRET DRAWING PER ASME Y14.5-1994.		SYSTEM		ASC IN-AIR ENCLOSURE - TOP ASSEMBLY	
2. REMOVE ALL SHARP EDGES. .005-.015 FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.		SUB-SYSTEM		ISC	
3. DO NOT SCALE FROM DRAWING.		DESIGNER		R. ABBOTT	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		DRAFTER		E. BROWN	
MATERIAL		CHECKER		E	
Material <not specified>		APPROVAL		D1101200	
FINISH		SCALE: 1:2		PROJECTION:	
MILCH		NEXT ASSY		REV. v6	
ANGULAR ±		SHEET 1 OF 1			

D:\3D\010000\ASC_AIR_ENCLOSURE_TOP_ASSEMBLY_PARTS_REV_001.DWG (DRAWING TREE) 1/2012