



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DRWG NO. REV GID

E1100013-v1

SHEET 1 OF 1

ASSEMBLY NO:

[D0900623-V1](#)

OVERALL BILL OF MATERIALS

TITLE: OUTPUT FARADAY ISOLATOR (PORCELAIN)

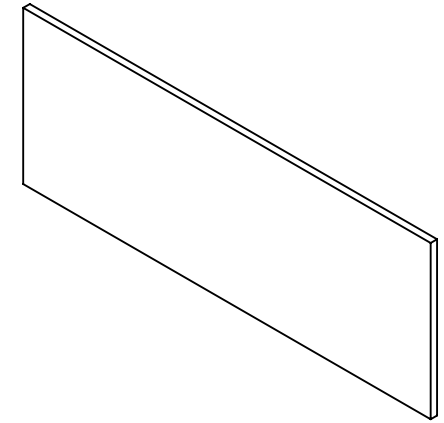
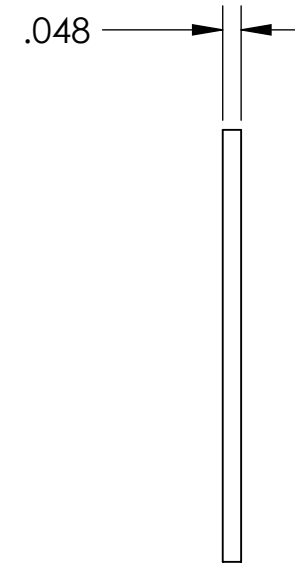
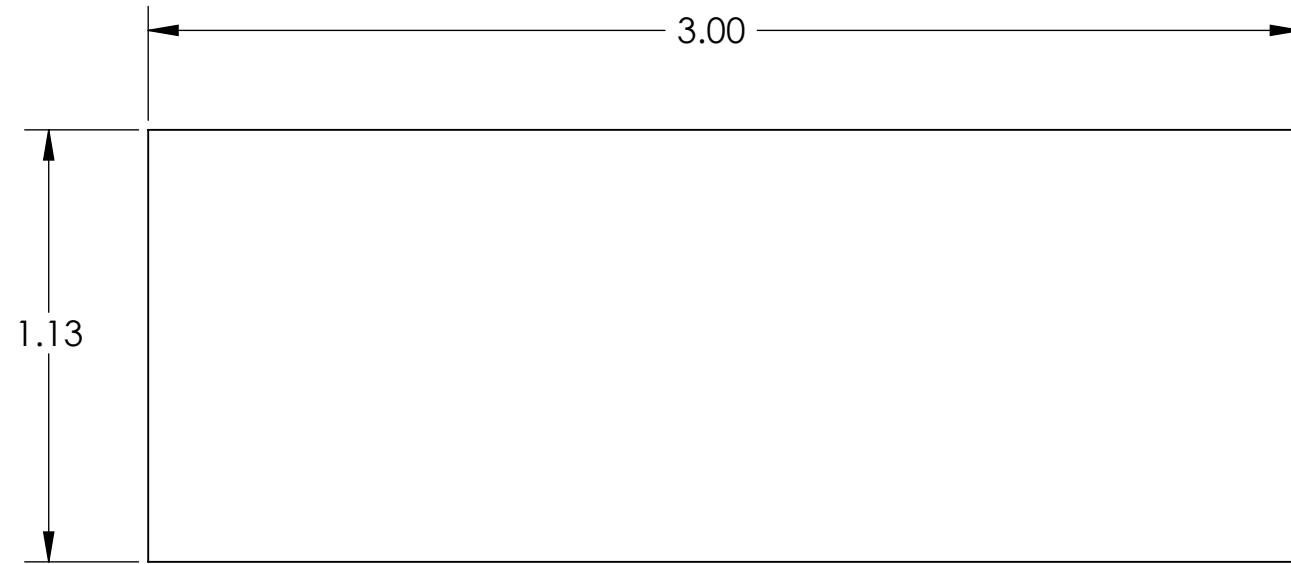
	APPROVALS:	DATE:	REV	DCN NO.	BY	CHECK	DCC	DATE
DRAWN / AUTHOR: <small>(REFERENCE CONTENTS)</small>	CIT, CC	5-Jan-11	v2	E1000563	MRUIZ			
CHECKED:								
APPROVED:								
DCC RELEASE								

ITEM NO	REQ.	SPARE	TOT.	PART NUMBER	REVISION	DESCRIPTION	MATERIAL
1	4	0	4	D1001864	V1	PRISM BEAM DUMP	18GA, A424 SSSL
2	1	0	1	D1001920	V1	INPUT BAFFLE BEAM DUMP	18GA, A424 SSSL
3	2	0	2	D1002363	V1	FARADAY ISOLATOR BEAM DUMP	18GA, A424 SSSL

D1001864_d1lgo_aos_D0900614_Faraday Isolator Beam Dump, PART PDM REV: X-009, DRAWING PDM REV: X-014

NOTES CONTINUED:
5. PORCELAIN COAT PER SPECIFICATIONS E1000083.
6. MATERIAL: MACHINE FINISH AS RECEIVED.

REV.	DATE	DCN #	DRAWING TREE #
v1	7 OCT 2010	E1000563	-
-	-	-	-
-	-	-	-



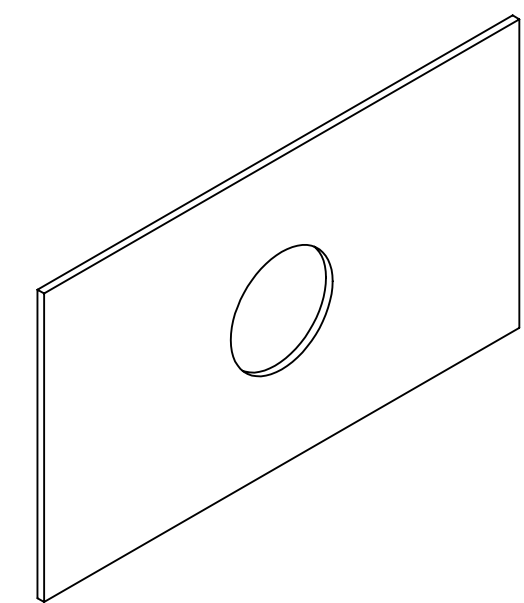
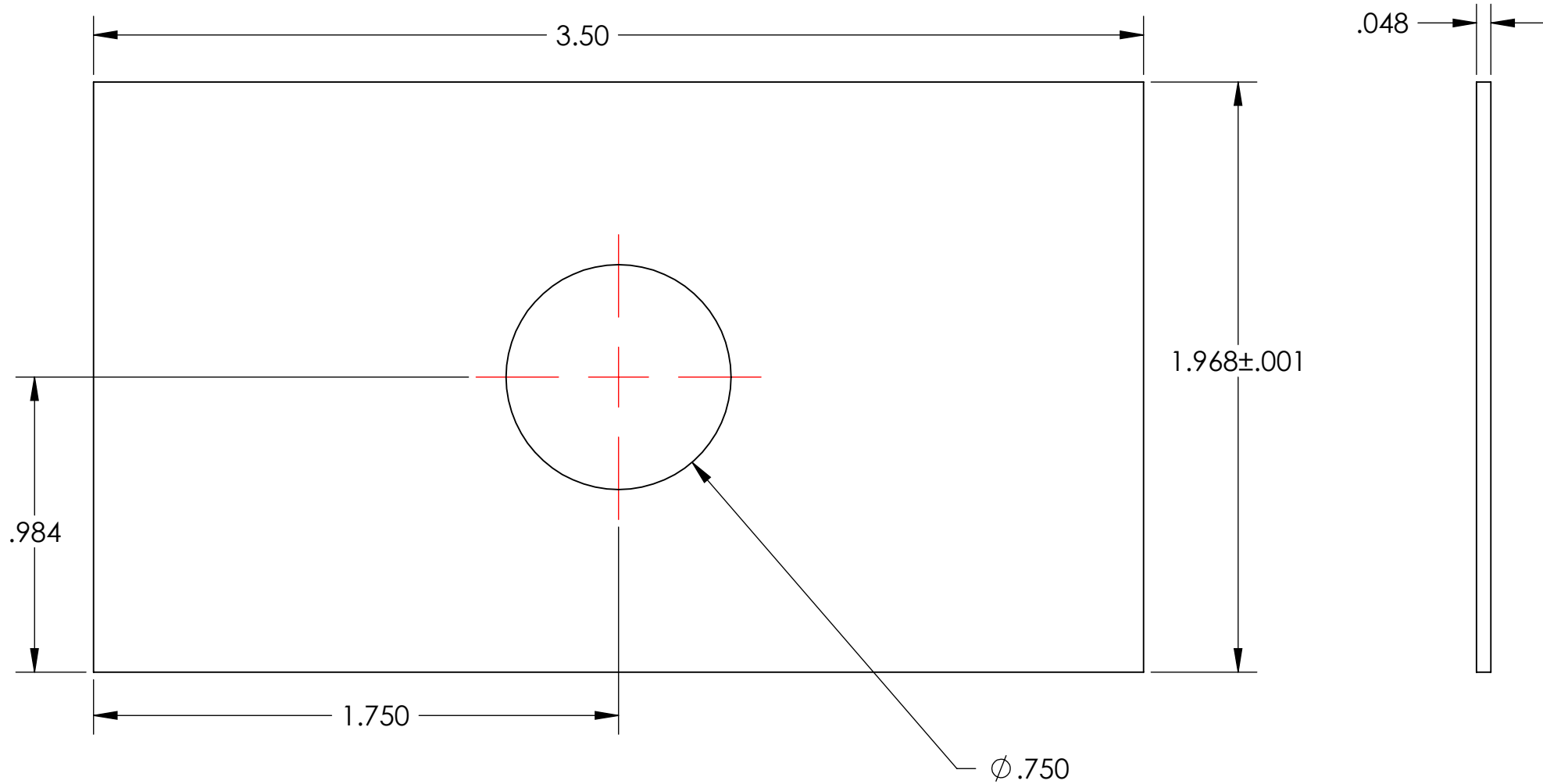
GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME			
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS		PRISM BEAM DUMP	
TOLERANCES: .XX ± .01 .XXX ± .005		MATERIAL 18 GA A424 TYPE I STEEL		FINISH AS RECEIVED		NEXT ASSY D0900615		DESIGNER TQ. NGUYEN 19 JUL 2010	
ANGULAR ± 0.5°						DRAFTER TQ. NGUYEN 23 AUG 2010		SIZE DWG. NO. B D1001864	
						CHECKER M. SMITH		REV. v1	
						APPROVAL D. COYNE		SCALE: 2:1 PROJECTION: SHEET 1 OF 1	

D1001920_d1lgo_AOS_Beam Dump_Wedge Window_Input Baffle, PART PDM REV: X-007, DRAWING PDM REV: X-010

NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD
 7. PORCELAIN COAT PER SPECIFICATIONS E1000083.
 8. MATERIAL: MACHINE FINISH AS RECEIVED.

REV.	DATE	DCN #	DRAWING TREE #
v1	7 OCT 2010	E1000563	-
-	-	-	-



GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.5°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL 18 GA A424 TYPE I STEEL	FINISH AS RECEIVED

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME INPUT Baffle BEAM DUMP	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER TQ. NGUYEN	DATE 27 JUL 2010
NEXT ASSY D1001918	SCALE 2:1	DWG. NO. B D1001920	REV. v1
APPROVAL D. COYNE		PROJECTION:	

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NOTES CONTINUED:
 5. PORCELAIN COAT PER SPECIFICATIONS E1000083.
 6. MATERIAL: MACHINE FINISH AS RECEIVED.

REV.	DATE	DCN #	DRAWING TREE #
v1	07 OCT 2010	E1000563	

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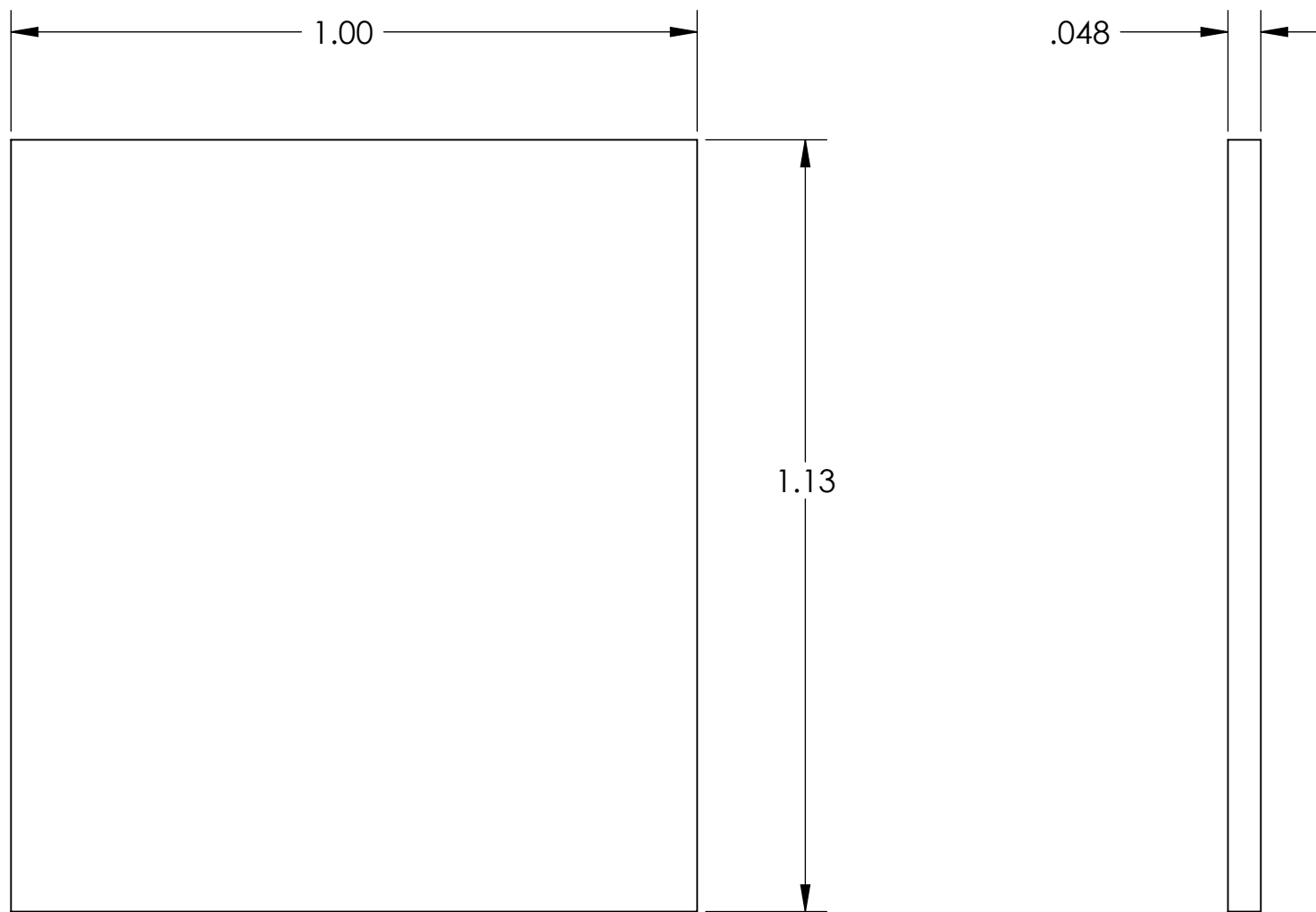
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D1002363_d1lgo_aos_d0900623_Faraday Isolator Beam Dump, PART PDM REV: X-002, DRAWING PDM REV: X-010

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		SIZE DWG. NO.		REV.				
DIMENSIONS ARE IN TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± .5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS		DESIGNER	MRUIZ 09 SEP 2010	B	D1002363	v1
						MATERIAL 18 GA A424 TYPE I STEEL		FINISH AS SUPPLIED		NEXT ASSY D1002364				
						SCALE: 2:1		PROJECTION:		SHEET 1 OF 1				

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