

8

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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: DXXXXXXXX-VY, TYPE-XX, S/N XXX

6. MASS: 21.5 G [0.047 LB].

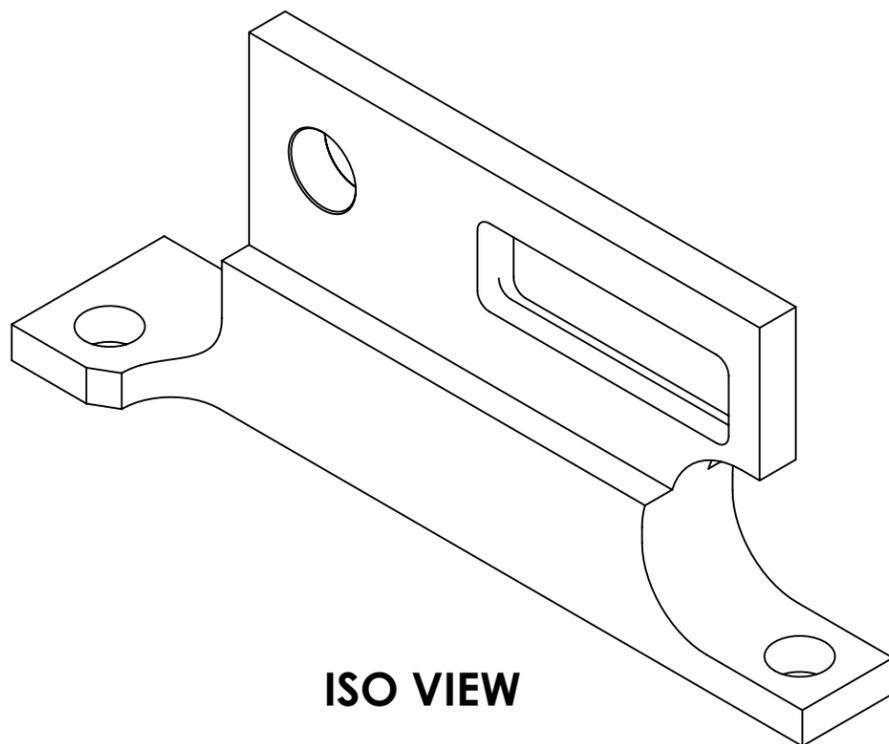
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.

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

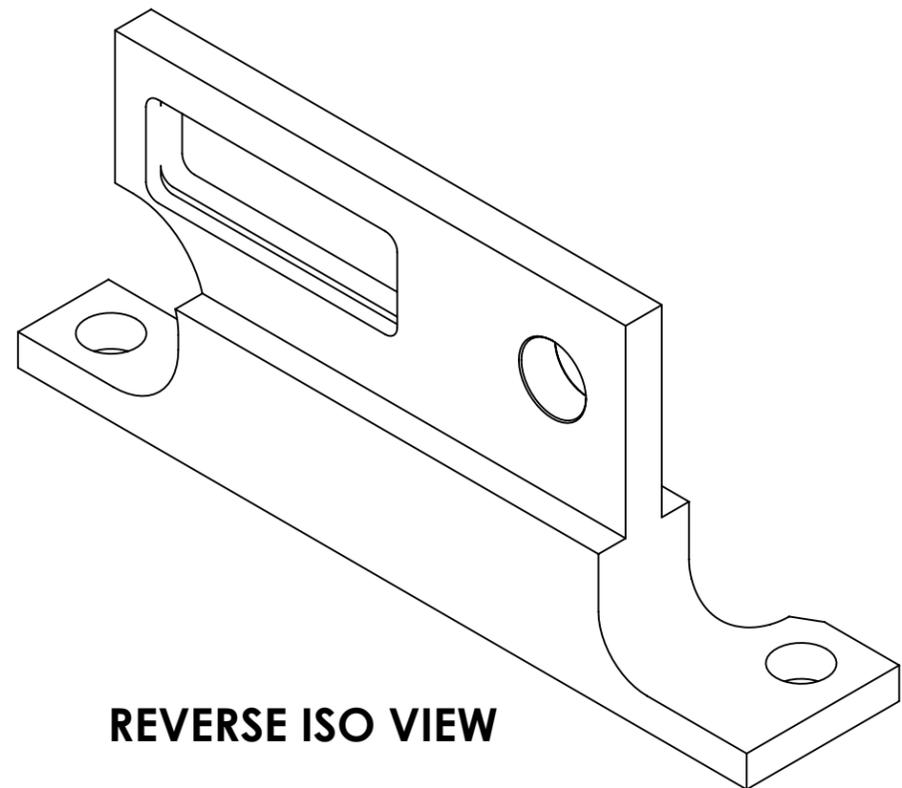
9. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL, WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.

10) TAPPED HOLE: 0.005 OVERSIZE BOTH DRILL AND TAP.

REV.	DATE	DCN #	DRAWING TREE #
v1	23 MAR 2012	E1101214	-
-	-	-	-
-	-	-	-



ISO VIEW



REVERSE ISO VIEW

D1200420 aLIGO TMS Mass Cable Clamp Bracket, PART PDM REV: X-019, DRAWING PDM REV: X-008

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		aLIGO TMS MASS CABLE CLAMP BRACKET	
TOLERANCES: .XX ± .01 .XXX ± .005				SUB-SYSTEM AOS		DESIGNER C. CONLEY	08 MAR 2012
ANGULAR ± 1.0°				NEXT ASSY D1200421		DRAFTER C. CONLEY	23 MAR 2012
MATERIAL 6061-T6 Al				FINISH 63 µinch Ra		CHECKER SEE DCN	SIZE DWG. NO. B D1200420
						APPROVAL SEE DCN	REV. v1
						SCALE: NONE	PROJECTION: SHEET 1 OF 3

8

7

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5

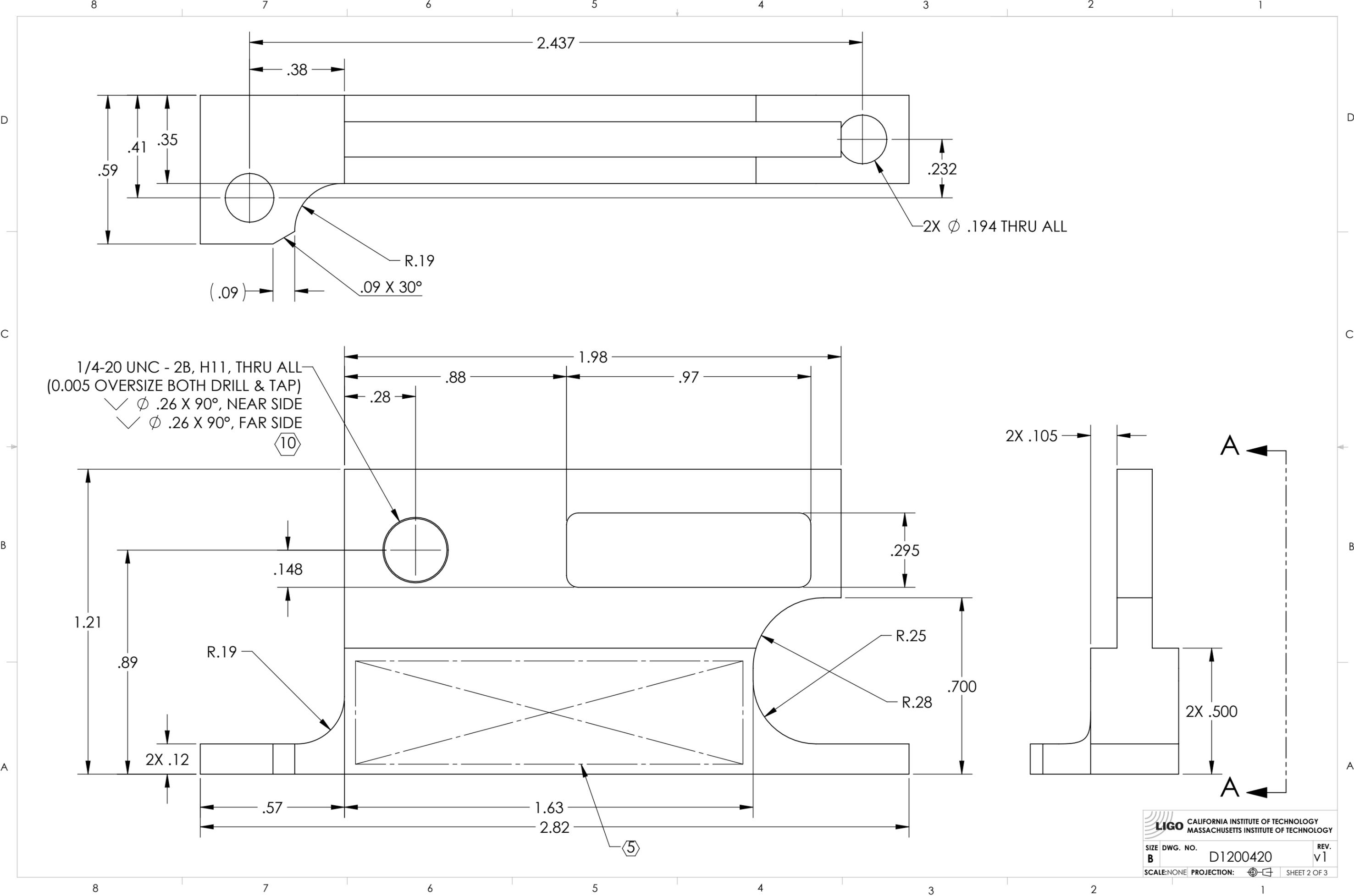
4

3

2

1

D1200420 aLIGO TMS Mass Cable Clamp Bracket, PART PDM REV: X-019, DRAWING PDM REV: X-008



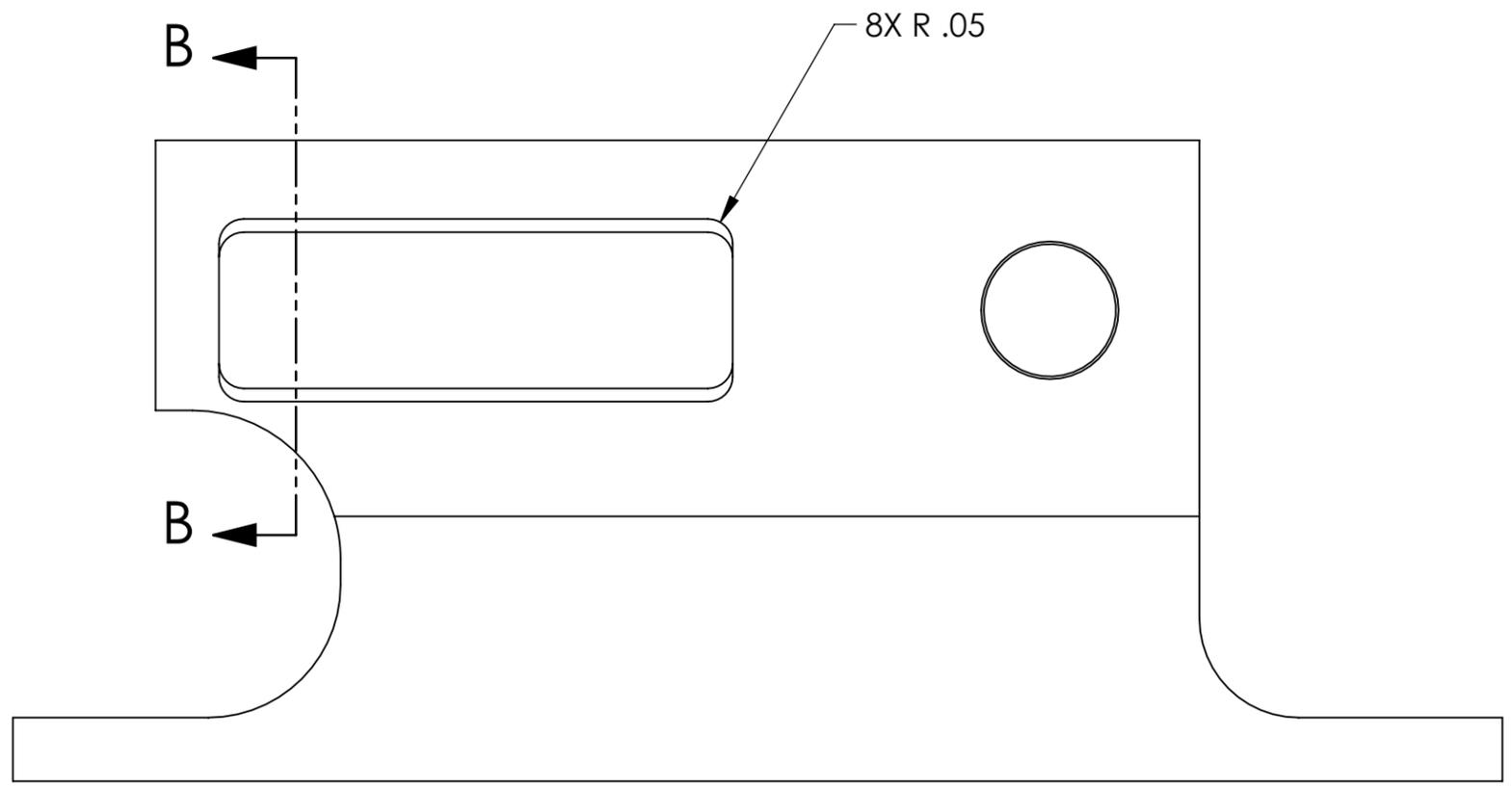
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1200420	v1
SCALE: NONE		PROJECTION:
SHEET 2 OF 3		

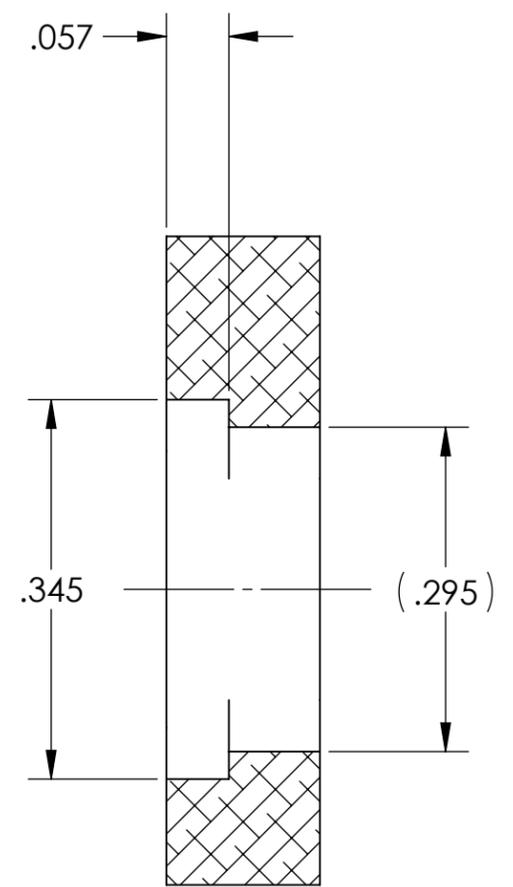
D1200420 TMS Mass Cable Clamp Bracket, PART PDM REV: X-019, DRAWING PDM REV: X-008

8 7 6 5 4 3 2 1

D
C
B
A



VIEW A-A



SECTION B-B

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
B	D1200420	v1
SCALE: NONE	PROJECTION:	SHEET 3 OF 3

8 7 6 5 4 3 2 1

D
C
B
A