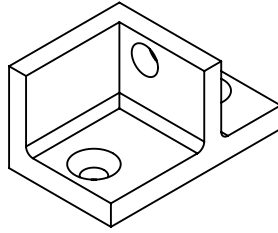


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

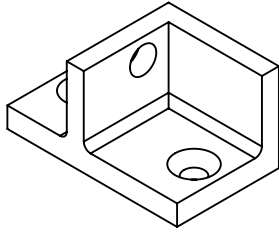
- 6. APPROXIMATE WEIGHT = .09 LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. 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.

TYPE	DESCRIPTION
-01	X-ARM CONFIG.
-02	Y-ARM CONFIG.

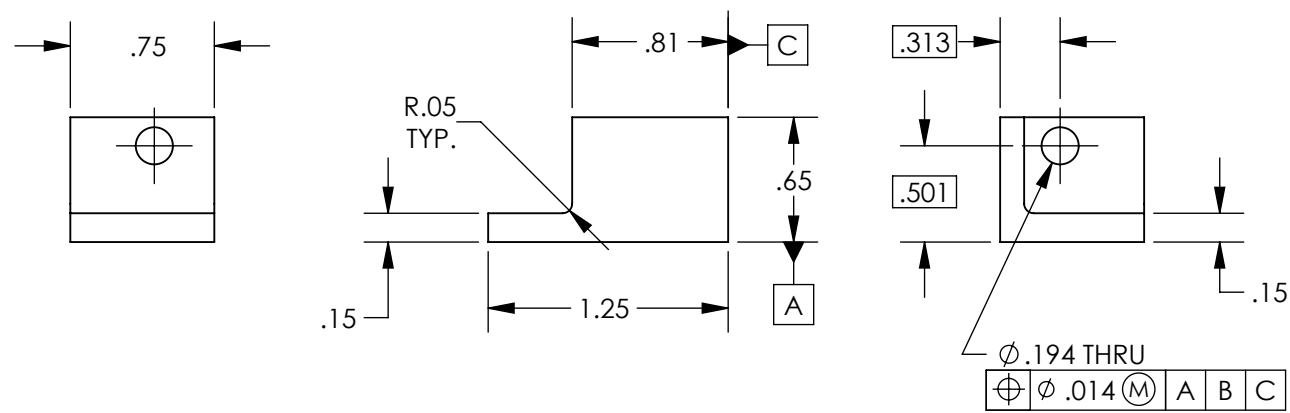
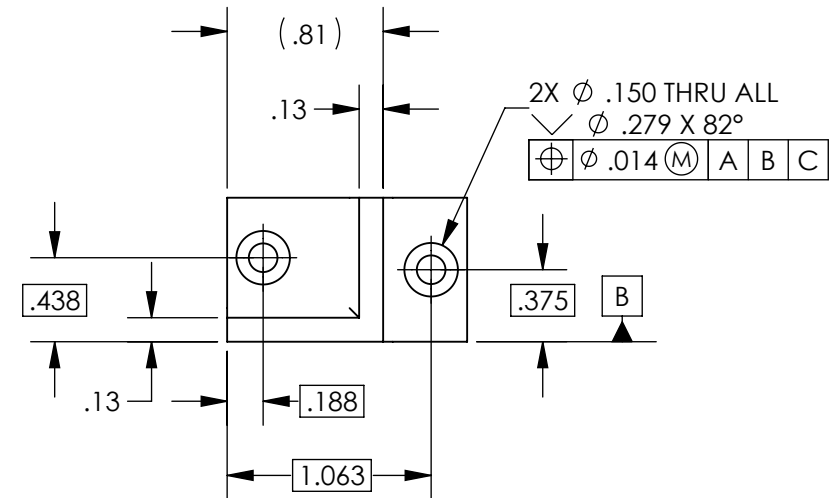
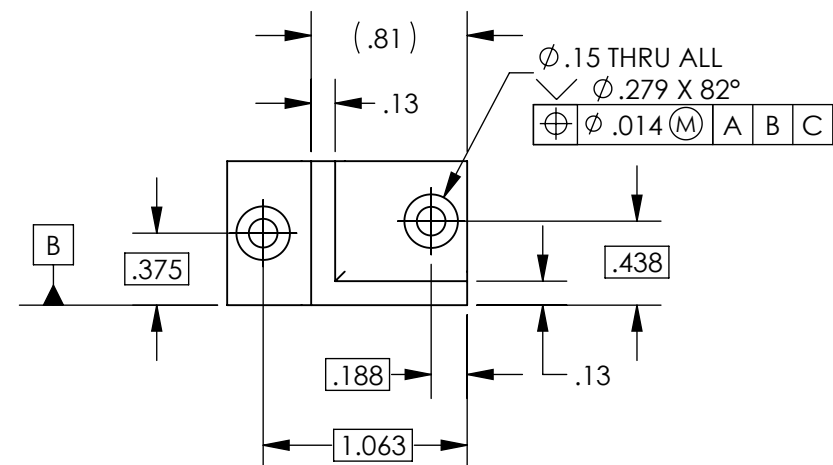
REV.	DATE	DCN #	DRAWING TREE #
v1	DEC 05 2012	E1200247-x0	E1200248-v1
-	-	-	-
-	-	-	-



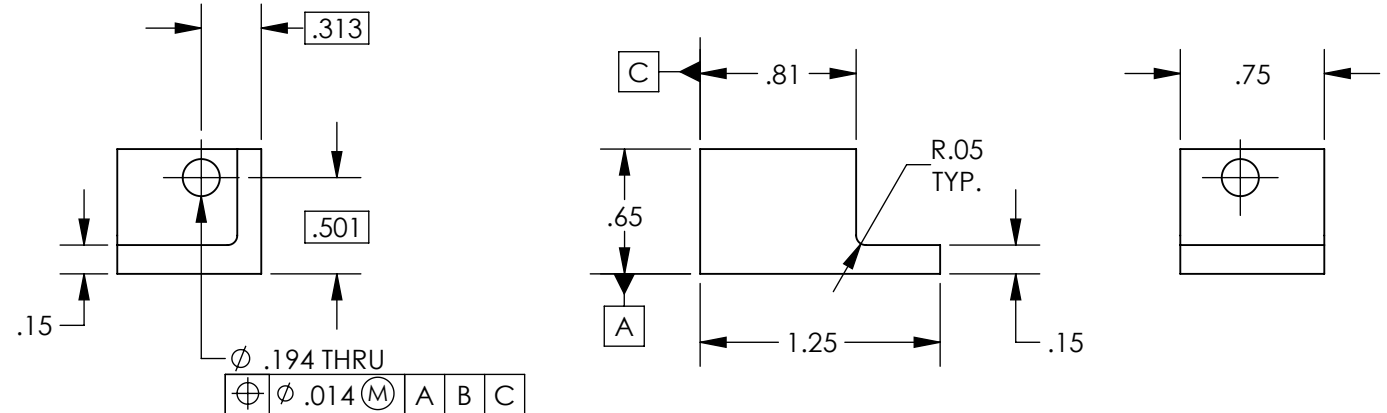
ISO VIEW



ISO VIEW



**-02 DETAIL**



**-01 DETAIL**

D1201507\_SUPPORT BLOCK, IR SENSOR, PART PDM REV: X-004, DRAWING PDM REV: X-002

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 1.0°

MATERIAL: 6061 Alloy  
 FINISH: 63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM: ADVANCED LIGO NEXT ASSY: D1201528		SUPPORT BLOCK, IR SENSOR	
DESIGNER	M. JACOBSON	30-NOV-2012	SIZE DWG. NO.
DRAFTER	E.SANCHEZ	DEC 05 2012	<b>B</b>
CHECKER	M. JACOBSON	DEC 05 2012	<b>D1201507</b>
APPROVAL	M. JACOBSON	DEC 05 2012	REV. <b>v1</b>
SCALE: 1:1		PROJECTION:	
SHEET 1 OF 1			