



**NOTES CONTINUED:**

5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

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

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

REV.	DATE	DCN #	DRAWING TREE #
v1	21 DEC 2010	E1000563	-
v2	28 JAN 2011	E1000563	
v3	31 JAN 2011	E1000563	

45X Ø .206 THRU  
1/4-20 UNC - 2B THRU  
⊕ Ø .005 A B C

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DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± .02  
.XXX ± .010

ANGULAR ± 0.5°

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

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**MATERIAL** 6061-T6 Al

**FINISH** 63 μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**SYSTEM** ADVANCED LIGO

**SUB-SYSTEM** AOS

**NEXT ASSY** Dxxxxxxx

**PART NAME** ELIGO ISOLATOR TABLE

<b>DESIGNER</b>	<b>SIZE</b>	<b>DWG. NO.</b>	<b>REV.</b>
N. KILPATRICK	D	D1002630	v3
<b>CHECKER</b>	<b>SCALE:</b> 1:1	<b>PROJECTION:</b>	<b>SHEET</b> 1 OF 1
<b>APPROVAL</b>			

D1002630\_AduLIGO\_AOS\_Isolator Table PART PDM REV: X001 DRAWING PDM REV: X002