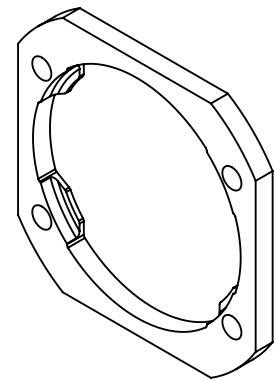
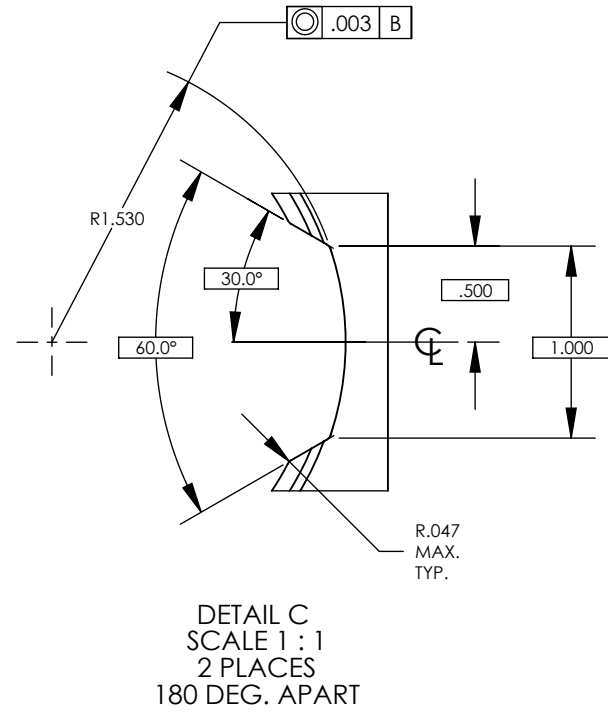
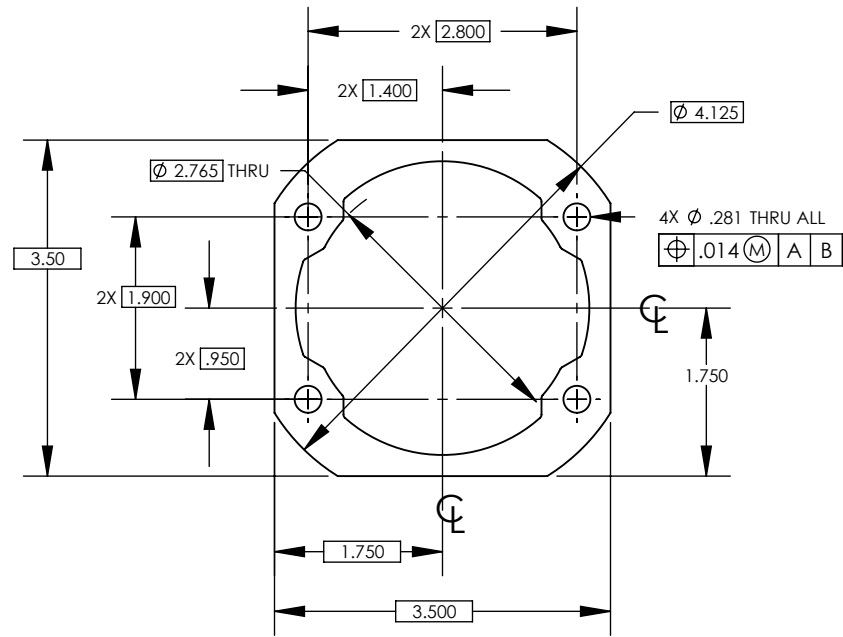


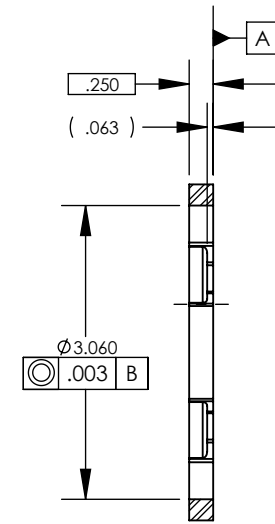
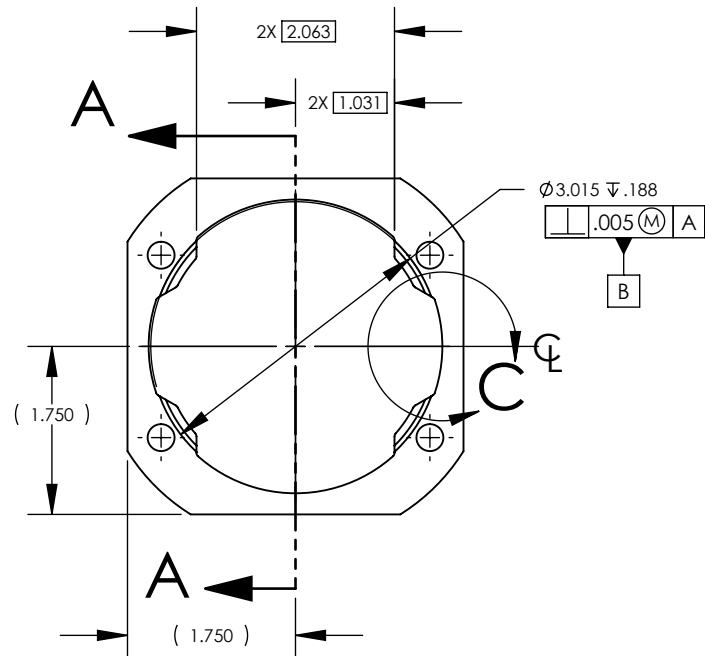
NOTES CONTINUED:

- 5. IDENTIFY WITH PART NUMBER, AND REVISION. BAG AND TAG ONLY.
- 6. APPROXIMATE WEIGHT: .29 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.

REV.	DATE	DCN #	DRAWING TREE #
v1	13 APR 2010	E1100356-x0	-
-	-	-	-
-	-	-	-



ISO VIEW



SECTION A-A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

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

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
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: AISI 304
FINISH: 63 µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: OPLEV
NEXT ASSY: D1002260

PART NAME: ALIGO, OPLEV, PERISCOPE, RING, MIRROR RETAINING

DESIGNER	E.SANCHEZ	12 APR 2011	SIZE	DWG. NO.	REV.
DRAFTER	E.SANCHEZ	12 APR 2011	B	D1002264	v1
CHECKER	J.LEWIS	10 MAY 2011			
APPROVAL			SCALE: 1:2	PROJECTION:	SHEET 1 OF 1