INTRALINK NAME: D070538

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-

Ø13 THRO' FIRST WALL
2 PLACES

Ø6.5 THRO'
2 PLACES

710

551

119

(20)

B

PART No. SEE NOTE 4

10 TYP

670

649

625

621.74

598

590

335

114

80

45

21

38.05

A

20

15

7.5

1 HOLE TAP 1/4 - 20 UNC THRO

2-HOLES REAM Ø8 $^{+0.015}_{0}$ (H7) THRO'
⌖ Ø0.05 A B

R6 TYP

10-HOLES Ø10 THRO'

DRILL 4-HOLES Ø6.7 THRO'
AND C.BORE Ø11.2 X 10 DP

DRILL 2-HOLES Ø6.5 THRO' AND C.BORE
Ø11.2 X 20 DP FROM BACK
⌖ Ø0.2 A B

2 TYP WALL THICKNESS

HIDDEN LINES SHOWN IN THIS VIEW FOR CLARITY

112 TYP

105 TYP

80 TYP

72 TYP

45 TYP

21 TYP

307.45 TYP

275.5 TYP

282.5 TYP

3.6

8

18.05

61.05

20

48.26

3.6

12

18.05

61.05

2 TYP WALL DEPTH

28

SECTION B-B

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. REMOVE ALL SHARP EDGES, 0.2-0.8 R'S.
2. DO NOT SCALE FROM DRAWING.
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S TRIM SOL OR EQUIVALENT.
4. SERIES: ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START WITH 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY.
FOR 1/2" HIGH CHARACTERS.
EXAMPLE: D070100 - 001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)
TOLERANCES:
X.XX ± .mm (.inches)
ANGULAR ±

MATERIAL: AL ALLOY 6061-T6 OR 5083-T6
FINISH: CLEAN AND DEGREASE
m (µin): Ra 1.6

	NAME	DATE
DRAWN	R.LIMIT	10/OCT/01
CHECKED	MB	15/MAR/02
APPROVED	JDD	15/MAR/02

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LIGO LABORATORY
LIGHTO INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
LIGO HANFORD OBSERVATORY
LIGO LIVINGSTON OBSERVATORY
MIT
CALTECH

SYSTEM: aLIGO
SUB-SYSTEM: SUS
NEXT ASSY: QUAD
PART NAME: IMPLEMENTATION RING
TEST CHAIN

SIZE: E
DRG. NO.: D070538
REV: B

SCALE 1:1 | PROJECTION | SHEET 1 OF 1