REV.	DATE	DCN #	DRAWING TREE #
A	13/OCT/06	E060239	-
B	19/DEC/07	E060239-B	-
D	16/JULY/08	E080369	

7 HOLES FOR 1/4-20 UNC HELICOILS THRU'
HELICOILS NOT TO BE FITTED.

18
12.5
18
20
88.5
122.5
212.5
252.5
292.5
382.5
466.5

520
280
225
60.5

14 +0.4 +0.2 TYP
6 TYP
6 TYP

REAM (H7) 4 HOLES Ø5 THRU'
⌖ 0.2

R6 10 PLACES

130 TYP
122 TYP
116 TYP
123
86
55
28 TYP
18 TYP
10
40.5
REF

140
150
166

6 TYP
6 TYP
14 +0.4 +0.2 TYP
81.5
220
230
270
275
290
325
345
395
459.5

TOOLING RAD
Ø6 (8 PLACES)

PART NO. (SEE NOTE 4)
TO BE ETCHED OR STAMPED
IN APPROX POSITION SHOWN.

6 HOLES FOR HELICOILS 1/4-20 UNC
THRU'. HELICOILS NOT TO BE FITTED.

20
18
18
88.5
175
270
345
440
466.5

490.55
403.46
362.5
321
316.5
29.45
75 TYP

REAM (H7) Ø5 THRU'
⌖ Ø0.2

156
141
117.68
111
89
44.5
40

29
53
111
125
139
141
156

B
SEE DETAIL B
B

ENGRAVE LINES 0.5DP X 90°

5 TYP
16 TYP

SEE DETAIL A

302.5
330
395
422.5

Ø5 -0.05 -0.10
RAISED BOSS

TOOLING RAD
Ø6 TYP

4 HOLES Ø6.8 THRU'

REAM (H7) Ø5 THRU'
⌖ Ø0.1

0.6 ±0.25
90°±5°
45°±5°

DETAIL W
VENT GROOVE
SCALE 5:1
4-POS

29.45 REF
156 REF
2.5
R2.5 FULL RAD
TYP
5

DETAIL A
SCALE 2:1
⌖ Ø0.1

25
SEE DETAIL W
6

6.5 REF
6 REF
4

SECTION C-C

Ø6.5 -0.05 -0
C
C

HOLE FOR HELICOIL 8-32 UNC THRU'.
HELICOIL NOT TO BE FITTED. TYP

TYPICAL DETAIL B
SCALE 2:1

NOTES: (UNLESS OTHERWISE SPECIFIED)
1. REMOVE ALL SHARP EDGES.
2. DO NOT SCALE FROM DRAWING.
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE.
4. MATERIAL AND FINISH TO CONFORM TO LIGO SPECIFICATIONS.
5. SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER (SERIAL NUMBERS START AT 001). CONNECT THIS PART AND ALL ASSEMBLY PARTS WITH CONDUCTIVITY.
USE .17" HIGH CHARACTERS.
EXAMPLE: D020188-001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)
TOLERANCES:
X.XX ±0.2 mm (INCHES)
ANGULAR ±0.25°

MATERIAL: AL ALLOY 5083 H4
FINISH: CLEAN AND DEGREASED
m (µin) Ra 1.6

	NAME	DATE
DRAWN	R.WILMOT	07/10/06
CHECKED	K.ID	SMITER
APPROVED	K.ID	I.BOLTER

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LIGO LABORATORY, GLASGOW UNIVERSITY ECO 460 GROUP, RUTHERFORD APPLETON LABORATORIES

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: SUS
NEXT ASSY: QUAD N-PTYPE TABLECLOTH
PART NAME: LEFT HAND PLATE
NOISE TABLECLOTH
DWG. NO: D060314
REV: D.
SIZE: E | SCALE: 1:1 | PROJECTION | SHEET 1 OF 1