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

4 HOLES DR THRU AND TAP
8-32 UNC X 0.005" OVERSIZE
⌖ Ø0.3

590

72.1° ±0.1°

20

Ø9 THRO'
2 PLACES
⌖ Ø0.2

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

25.8 | 7.73 | 6.02 | 58.89 | 8.89 | 42.27 | 43.98 | 50

50

16.2
44.6
62.5
192.5
401.8
531.8
549.8
578.1
594.3

Ø6.6 THRO' X 4 PLACES
⌖ Ø0.2

MIN CLEAN UP INTO CORNER TYP

(48.5) | 21.5

SECTION C-C

SECTION B-B
TYP 2 PLACES

MIN CLEAN UP INTO CORNER TYP

SECTION A-A

(653)

9.53
R 6 TYP
9.5 | 63
101.6

SEE DETAIL A

SEE DETAIL B

29.2 | 20.8

77.1
517.2

2 HOLES Ø3 X 10 DEEP H7

⌖ Ø0.2

101.45
99.91
84.15
83.36
69.41
67.38
135.09
117.29
109.03
8.67
40
R98.02
R7 TYP
R3.5 TYP
18.94 | 18 | 13.35 | 6.79 | 9.05 | 3.84
59.59 | 58.5 | 56.67 | 49.98 | 48.97 | 44.7
R77.42
R66.49
R86.71
R96.73
R112.88
9.72
26
R162.84
R5 TYP
1.4°
R135.48
R124.69
R6
8°
42.05 | 51.49 | 67.23
(R3.4 TYP)
68.67
75.76
84.91
90.9
101.65
107.45

DETAIL A
SCALE 1:1

1.4°
8°
R124.69
67.23 | 51.49 | 42.45
9.88
R135.48
R162.84
26
R5 TYP
R112.88
R96.73
R86.71
R66.49
R77.37
R98.02
R3.5 TYP
40
8.16
67.38
69.41
83.31
84.1
99.91
101.45
109.03
117.29
150.99
107.45
101.65
90.9
84.91
75.76
68.67
R7 TYP
3.84 | 6.79 | 9.05 | 13.34 | 18 | 18.94
44.7 | 48.97 | 49.98 | 56.67 | 58.5 | 59.59

DETAIL B
SCALE 1:1

NOTES: (UNLESS OTHERWISE SPECIFIED)
1. REMOVE ALL SHARP EDGES, 0.2 MIN.
2. DO NOT SCALE FROM DRAWING.
3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE.
4. SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER STARTING WITH 001 ON AT LEAST ONE OF THE FIRST PART AND PROCEED CONSECUTIVELY. (EX. 3" HIGH CHARACTERS) EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm [INCHES]
TOLERANCES:
X.XX ±0.25 mm [.XXX]
ANGULAR ±0.25°

MATERIAL: AL ALLOY 6061
FINISH: CLEAR, GREASE FREE Ra : 1.6
DRAWN | NAME | DATE
CHECKED | JOE | 10/31/08
APPROVED | TJR | 10/31/08

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
IGR, GLASGOW UNIVERSITY GEO 600 GROUP
RUTHERFORD APPLETON LABORATORY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: SUS
NEXT ASSY: D080080
PART NAME: TOP STAGE STIFF BACK
BS TOP STAGE
SIZE: E | DRG. NO.: D080081 | REV: F
SCALE 1:2 | PROJECTION | SHEET 1 OF 1