

DWG. NO.	SIZE	REV.	SHEET	
21F7784		= 1	1	
DESCRIPTION		MATERIAL	MT. LOCATION	

Ø 344.50^{+0.00}_{-0.25}
 ⊕ Ø .13 A B M

Ø 190.50^{+0.25}_{0.00}
 ⊕ Ø .13 A
 B

∥ .25 A
 A
 ▱ .25

12.70±0.50

MATL: ALUMINUM

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS IN MILLIMETERS
2. DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
3. SURFACE TEXTURE PER ANI/ASME B 46.1-1985
4. REMOVE ALL BURRS AND BREAK SHARP EDGES TO A MAXIMUM OF .38
5. ALL INSIDE CORNERS TO BE .38 RADIUS MAX
6. COUNTERSINK 82 DEGREES ALL TAPPED HOLES TO MAJOR DIAMETER
7. COUNTERSINK 82 DEGREES APPROXIMATELY .38 DEEP ALL DRILLED HOLES
8. PARTS TO BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, DIRT AND CHIPS

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER. NO.		ERNEST ORLANDO LAWRENCE	
TOLERANCES	X.X ± 0.5	FRAC. ± 1/64	ACCT. NO.	NO. REQD.	DATE ISSD	BERKELEY NATIONAL LABORATORY	
	X.XX ± 0.25	ANGLES ± 30°	DEL. TO	DATE REQD.	UNIVERSITY OF CALIFORNIA - BERKELEY #		
	X.XXX ± 0.013	FINISH 3.2	SURFACE TREATMENT	ATLAS PIXEL DETECTOR			
DO NOT SCALE PRINT			IDEN. METHOD TAG	SPACEFRAME END STIFFENER			
THREADS ARE CLASS 2			PROJECT NUMBER	BOND FIXTURE CAUL PLATE			
CHAMFER ENDS OF ALL SCREW THREADS 30°			PROJECT NAME	US ATLAS SILICON SUBSYSTEM			
CUT ROUND. 1.5 THREAD RELIEF ON MACHINED THREADS			DWG. BY	DATE	MICROFILMED:		
BREAK EDGES .016 MAX. ON MACHINED WORK			W. K. MILLER	4/16/2002	DWG. TYPE	SHOWS ON	SCALE: 1: 1.25
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE			CHK BY	DATE	PART	21F775	DO NOT SCALE PRINTS
IN ACCORDANCE WITH ASME Y14.5m & B46.1			BILL WILDS	4/16/2002	P1AP-11	AP6250	SHEET 1 OF 1
REV DWG			APR BY	E ANDERSSSEN	DATE	4/16/2002	SIZE REV.
CHANGES					21F7784		