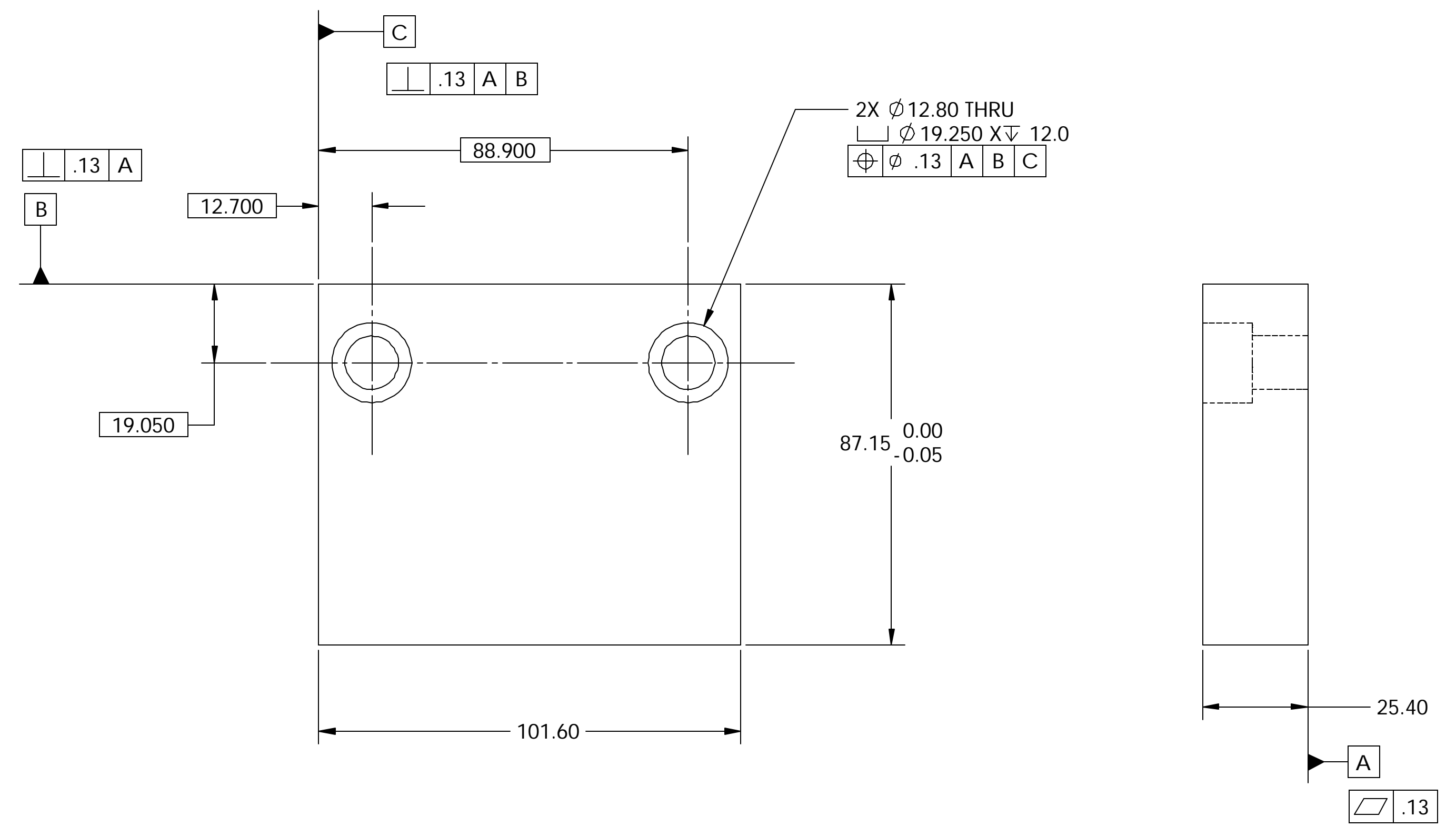


DWG. NO.	SIZE	REV.	SHEET
21F7634		1	1
DESCRIPTION		MATERIAL	MNT. LOCATION



MATL: 4340 ALLOY STEEL (SEE NOTE 9)

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL 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
9. 4340 MATERIAL TO BE CARBORIZED AND OIL QUENCHED TO ACHIEVE Rc50 (HB 475) MINIMUM HARDNESS

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 1.6	SURFACE TREATMENT	ATLAS PIXEL DETECTOR			
DO NOT SCALE PRINT				IDEN. METHOD TAG	ENDCONE VERTEX PLATE		
THREADS ARE CLASS 2				PROJECT NUMBER	MOLD END 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				CHK BY	DATE	DWG. TYPE	SHOWS ON
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE				APR BY	DATE	PART	SCALE: 1:1
IN ACCORDANCE WITH ASME Y14.5m & B46.1				PATENT CLEAR:		DESIGN ACCT. NO.	SCALE PRINTS
REV	DWG	CHK	ZONE	DATE	CATEGORY CIDE		DO NOT SCALE PRINTS
CHANGES					P1AP-11	AP6250	DO NOT SCALE PRINTS

SHEET 1 OF 1

21F7634