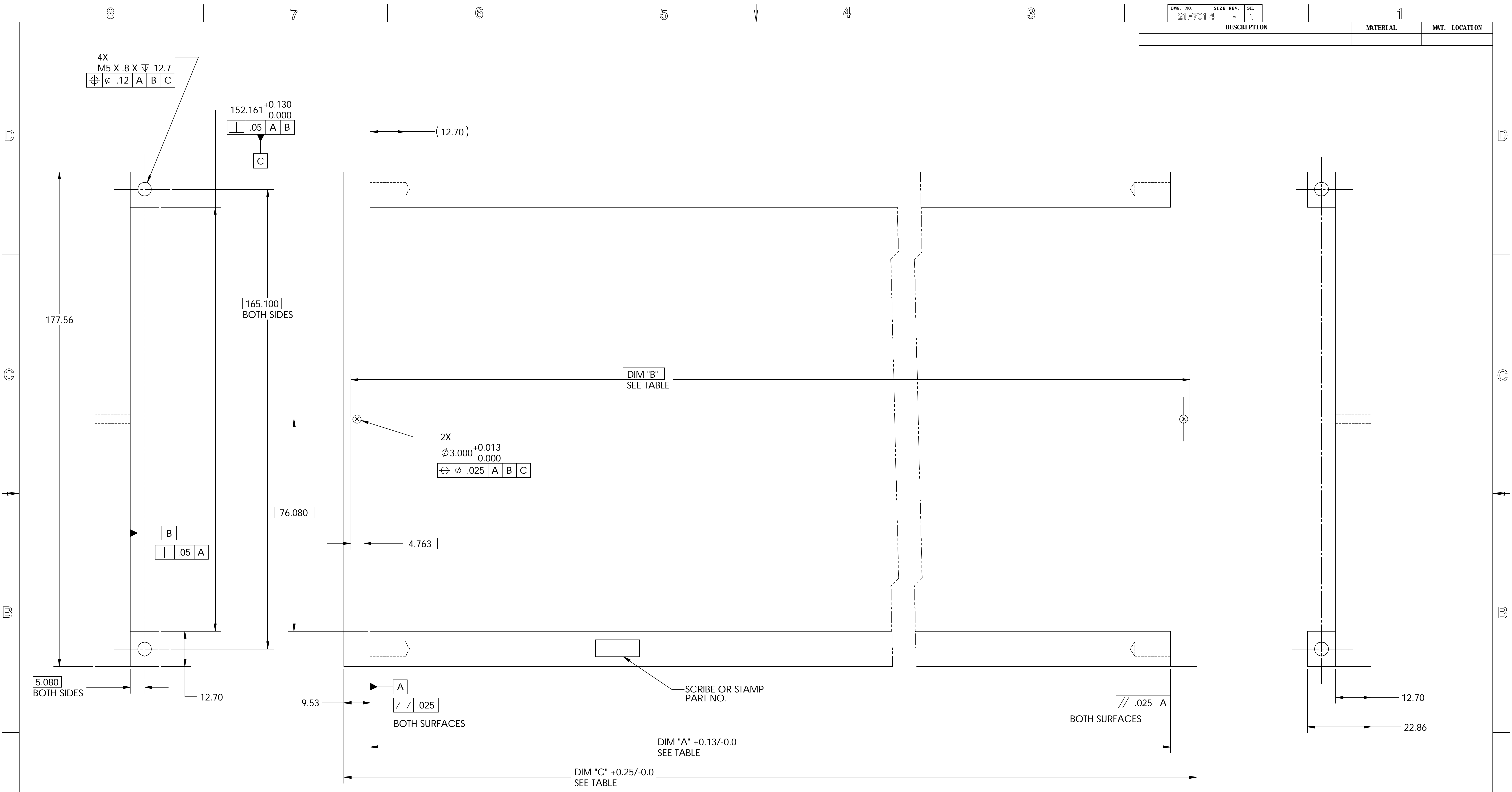


DWG. NO.	SIZE	REV.	SHEET
21F701 4	-	1	1
DESCRIPTION		MATERIAL	MNT. LOCATION



PART NO	DIM "A"	DIM "B"	DIM "C"	ASSEMBLY
21F701-1	292.000	301.525	311.050	END SECTION
21F701-3	840.000	849.525	859.050	CENTRAL SECTION

NOTES: UNLESS OTHERWISE SPECIFIED

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

MATL: TOOL STEEL

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER. NO.	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY	
TOLERANCES	X.X ± 0.5	FRAC.	± 1/64	NO. REQD.	DATE ISSD	UNIVERSITY OF CALIFORNIA - BERKELEY #
	X.XX ± 0.25	ANGLES	± 30'	DATE REQD.		
	X.XXX ± 0.013	FINISH	1.6			
<b>DO NOT SCALE PRINT</b>				IDEN. METHOD TAG	ATLAS PIXEL DETECTOR SPACEFRAME END AND CENTRAL SECTION SUB-PANEL BOND FIXTURE BASEPLATE	
THREDS ARE CLASS 2				PROJECT NUMBER	MICROFILMED:	
CHAMFER ENDS OF ALL SCREW THREADS 30°				PROJECT NAME	DWG. TYPE	
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS				DWG. BY	PART	
BREAK EDGES .016 MAX. ON MACHINED WORK				CHK BY	SHOWS ON	
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE				DATE	N/A	
IN ACCORDANCE WITH ASME Y14.5m & B46.1				APR BY	SCALE: 1.5:1	
REV DWG				DATE	DO NOT SCALE PRINTS	
CHANGES				DATE	SHEET 1 OF 1	
				DATE	SIZE REV.	
				DATE	21F701 4	