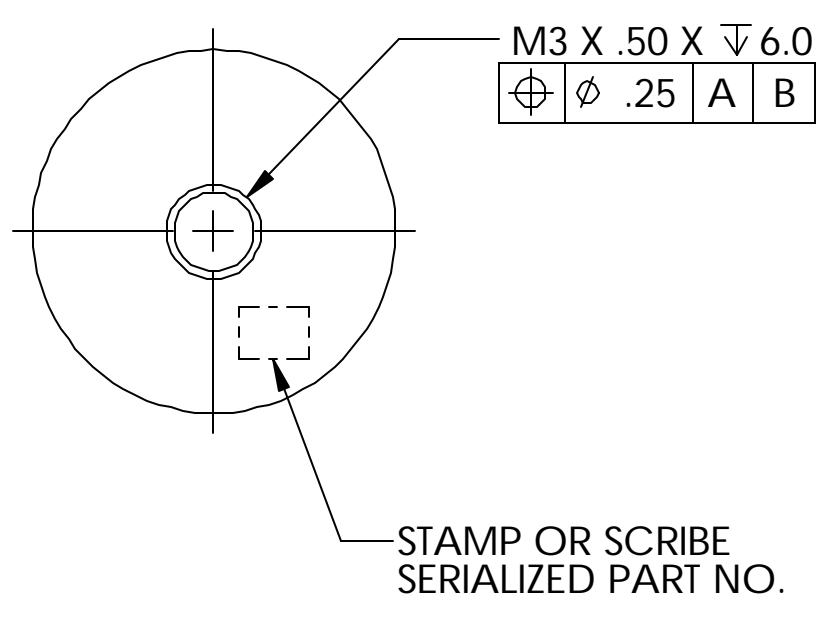
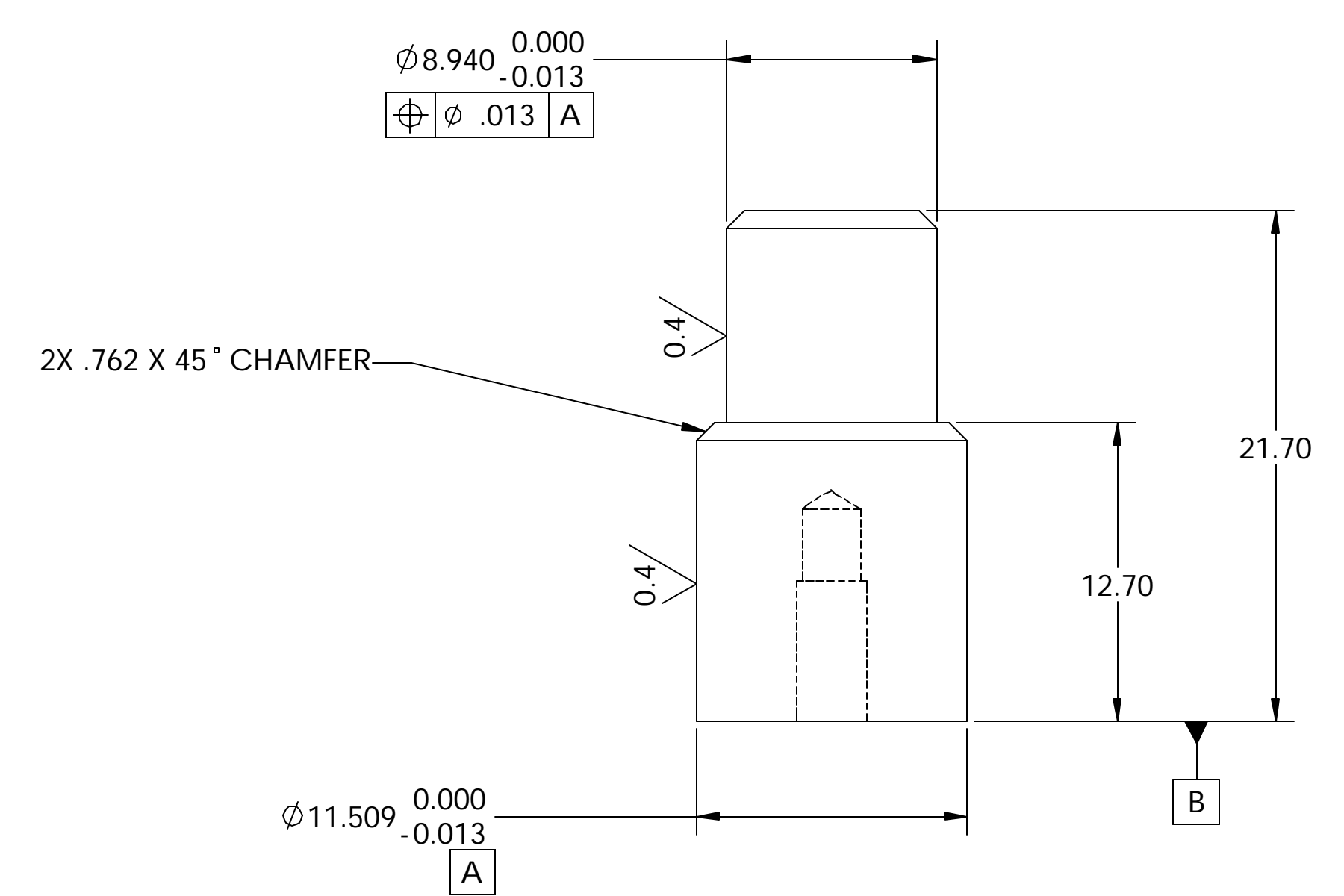


DWG. NO.	SIZE	REV.	SHEET
21F695 4		1	1
DESCRIPTION		MATERIAL	MNT. LOCATION



CAPTIVE PIN
MATERIAL: 17-4 PH STEEL
SCALE: 4:1

- 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

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER. NO.		ERNEST ORLANDO LAWRENCE	
TOLERANCES		NO. REQD		DATE ISSD		BERKELEY NATIONAL LABORATORY	
X.X ± 0.5	FRAC. ± 1/64	DATE REQD		DATE REQD		UNIVERSITY OF CALIFORNIA - BERKELEY #	
X.XX ± 0.25	ANGLES ± 30°	SURFACE TREATMENT		IDEN METHOD TAG		ATLAS PIXEL DETECTOR	
X.XXX ± 0.013	FINISH 1.6	PROJECT NUMBER		PROJECT NAME		SPACEFRAME BOND FIXTURE	
DO NOT SCALE PRINT				PROJECT NUMBER		CUSTOM TOOLING PINS AND BUSHINGS	
THREADS ARE CLASS 2				PROJECT NAME		MICROFILMED:	
CHAMFER ENDS OF ALL SCREW THREADS 30°				PROJECT US ATLAS SILICON SUBSYSTEM		DWG. TYPE	
CUT ROUNDS, 1.5 THREAD RELIEF ON MACHINED THREADS				DWG BY W. K. MILLER		SHOWS ON	
BREAK EDGES .016 MAX. ON MACHINED WORK				CHK BY BILL WILDS		PART	
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE				DATE 4/16/2002		nnXnnn	
IN ACCORDANCE WITH ASME Y14.5m & B46.1				APR BY E. ANDERSSSEN		SCALE: N/A	
REV DWG				DATE 4/16/2002		DO NOT SCALE PRINTS	
CHK ZONE				DATE 4/16/2002		PATENT CLEAR:	
DATE				DATE 4/16/2002		DESIGN ACCT. NO.	
CHANGES				DATE 4/16/2002		CATEGORY CIDE	
				DATE 4/16/2002		DWG. NO.	
				DATE 4/16/2002		SIZE	
				DATE 4/16/2002		REV.	
				DATE 4/16/2002		P1AP-11	
				DATE 4/16/2002		AP6250	
				DATE 4/16/2002		21F695 4	
				DATE 4/16/2002		SHEET 1 OF 2	

