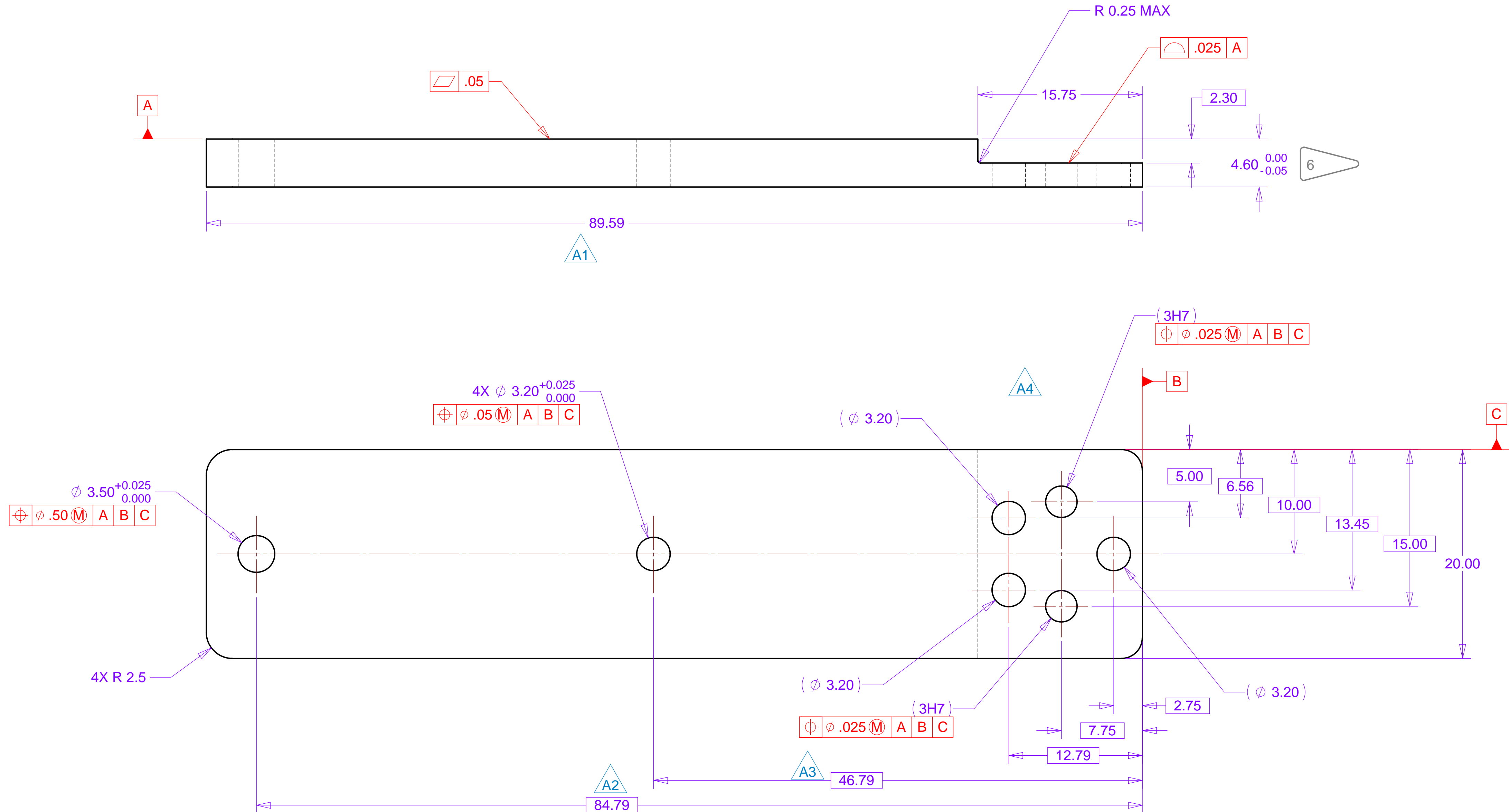


DWG. NO. 21F733		SIZE A	REV. 1	1	
ITEM	PART NO	REQD	DESCRIPTION		MATERIAL



MATERIAL:
YSH50 woven cloth (140 gsm FAW) impregnated with YLA RS-3 CE resin,
nominally 60% fiber fraction, fiber orientation 0,+45,-45, 90/s

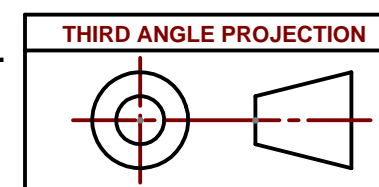
Volume = 5.710 cubic centimeters

NOTES: UNLESS OTHER WISE 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. PARTS TO BE THOROUGHLY CLEANED AND PREPPED FOR BONDING. NO MACHINE OIL ALLOWED.
5. PART NUMBER (DRAWING NO., DASH NO., REVISION NO., SERIAL NO.) TO BE CLEARLY MARKED ON THE PART ITSELF.

DIMENSIONS AND TOLERANCES ARE "AS MOLDED", AND ARE TO BE OBTAINED USING MOLDING FIXTURES DURING FORMING ONLY. NO MACHINING ALLOWED WITHOUT PRIOR APPROVAL.

7. ONLY CARBIDE CUTTING TOOLS ALLOWED TO PREVENT EDGE CHIPPING AND FRAYING.



A4			C3	01/17/03	End Hole Pattern Revised
A3			B4	01/17/03	46.79 was 28.95
A2			B5	01/17/03	84.79 was 66.95
A1			C5	01/17/03	89.59 was 71.75
REV	DWG	CHK	ZONE	DATE	CHANGES

TOLERANCES:	UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER NO.	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY																
	X.X ± 0.5	FRAC. ± 1/64	ACCT	NO. REQD	DATE ISSD	UNIVERSITY OF CALIFORNIA - BERKELEY																
	X.XX ± 0.25	ANGLES ± 30'	DEL TO		DATE REQD																	
	X.XXX ± 0.013	FINISH 1.6	SURFACE TREATMENT																			
DO NOT SCALE PRINT					IDEN METHOD TAG																	
THREADS ARE CLASS 2					PROJECT NUMBER	ATL-IP-ED-XXXX																
CHAMFER ENDS OF ALL SCREW THREADS 30°					PROJECT NAME	AS US ATLAS SILICONE SUBSYSTEM										MICROFILMED:		DWG. TYPE	ASSEM	SHOWN ON	SCALE: 4:1	DO NOT SCALE PRINTS
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS					DWG BY	Roger Smith		DATE 04/15/2002		PATENT CLEAR:		DESIGN ACCT. NO.		P1AP-11	CATEGORY CIDE		AP6250	DWG. NO.	21F733	SIZE	SHEET 1 OF 1	REV. A
BREAK EDGES .016 MAX. ON MACHINED WORK					CHK BY	CKD BY		DATE 04/15/2002														
REMOVE BURRS, WELD SPATTER & LOOSE SCALE					APR	APPROVED		DATE 04/15/2002														
IN ACCORDANCE WITH ASME Y14.5M & B46.1																						