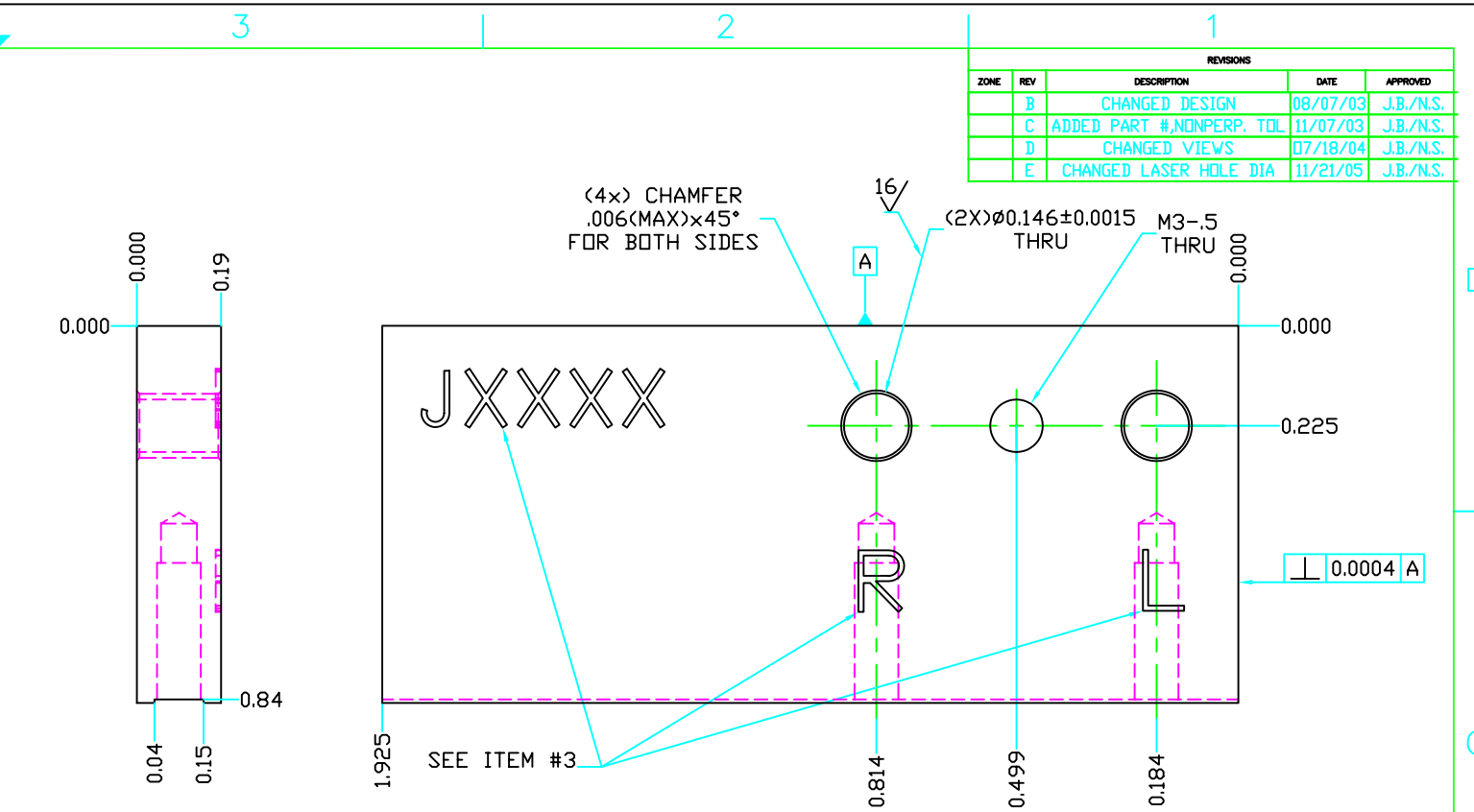
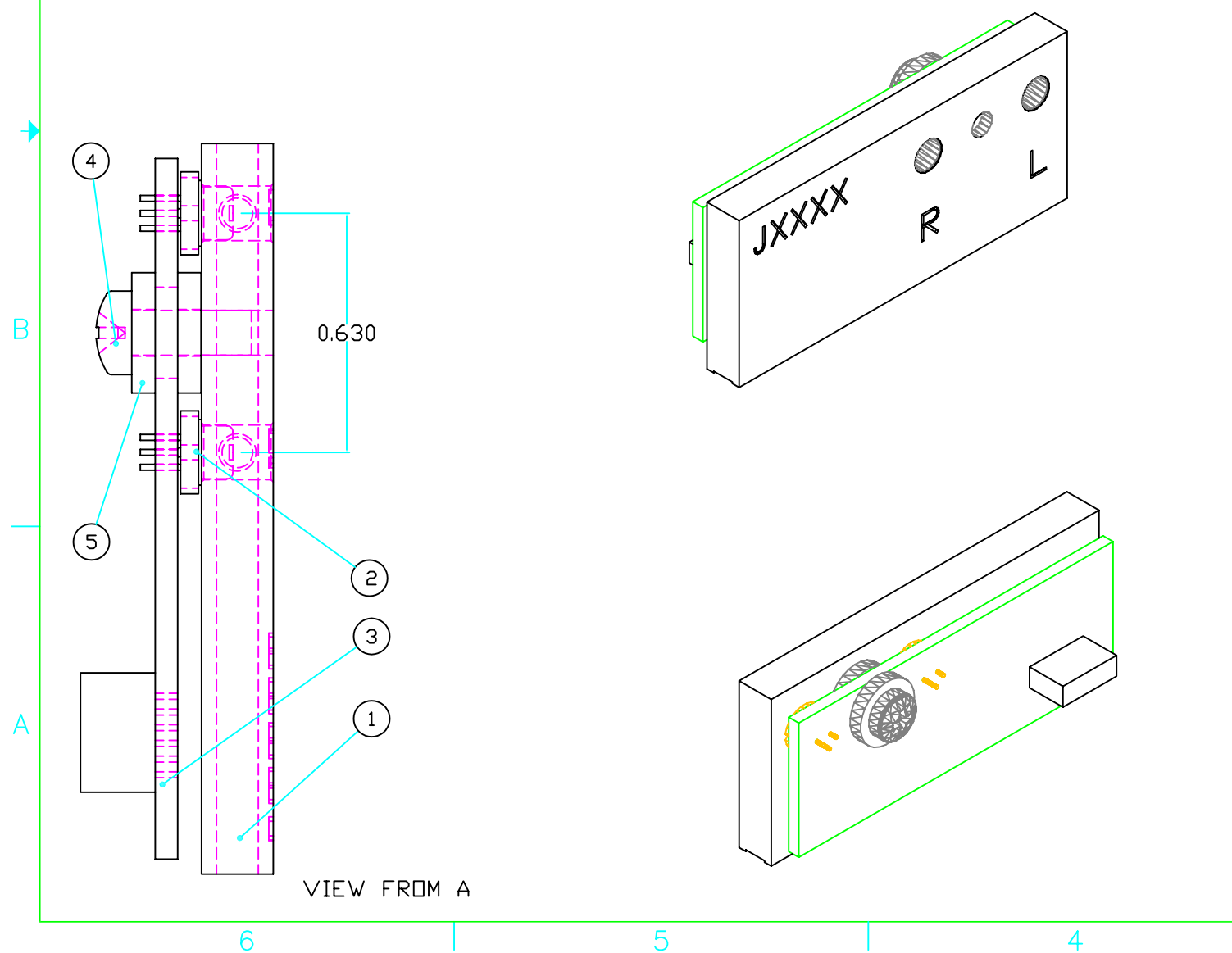
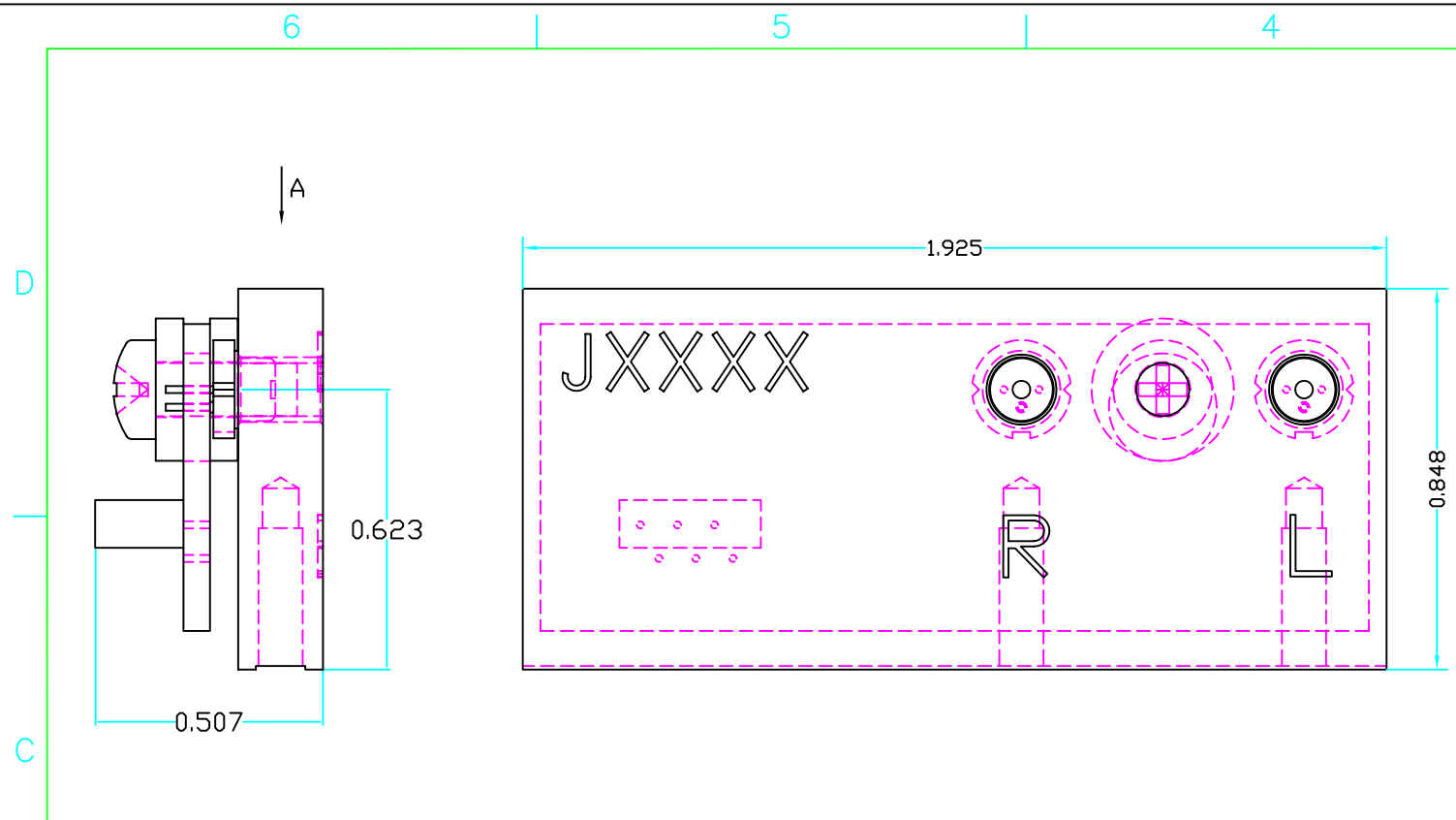


ZONE	REV	DESCRIPTION	DATE	APPROVED
B		CHANGED DESIGN	08/07/03	J.B./N.S.
C		ADDED PART #,NONPERP. TOL	11/07/03	J.B./N.S.
D		CHANGED VIEWS	07/18/04	J.B./N.S.
E		CHANGED LASER HOLE DIA	11/21/05	J.B./N.S.

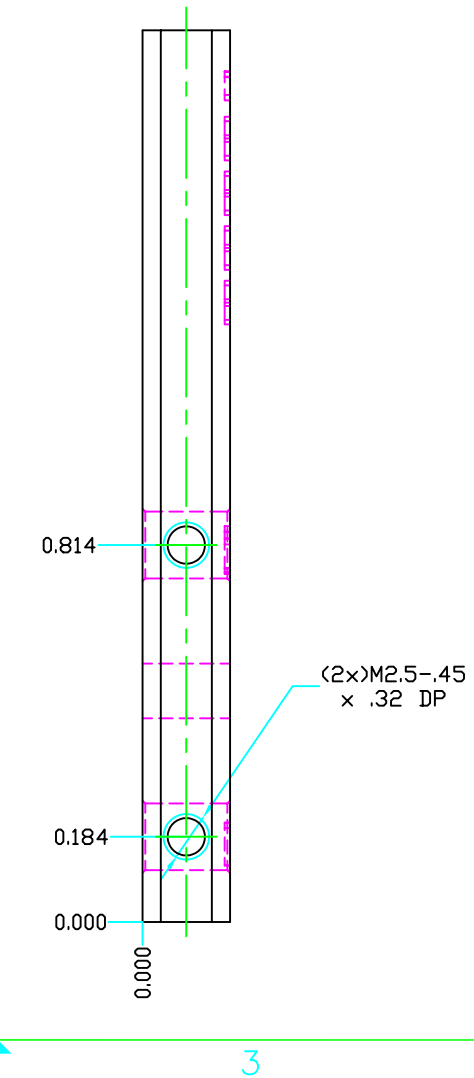


① PLATE
QTY FOR ATLAS : 550

- NOTES:
1. PLATING: BLACK ANODIZING
 2. ALL DIMENSIONS ARE PRIOR TO PLATING.
 3. ENGRAVE A NUMBER FROM J0001 TO J9999, LETTERS R & L

FIND/REF.#	QTY.	U.M.	PART NAME	MATERIAL	PART DESCRIPTION	REF. SHEET/DWG.
5	2	EA	WASHER	fiberglass	.125 OD x .317 OD x .062 THK (93493A106 McMaster)	
4	1	EA	SCREW	STNL STEEL	M3-5 X8 PAN HEAD	
3	1	EA	PLATE		CIRCUIT PLATE (LEFT HAND)	
2	2	EA	LASER			
1	1	EA	PLATE	AL6061	PLATE 0.19" THK	405.01.01

UNLESS OTHERWISE SPECIFIED:		PERMISSIBLE VARIATION IN INCH DIMENSIONS WITHOUT TOLERANCES					
		FABRICATION TOLERANCES			MACHINING TOLERANCES		
1. DIMENSIONS ARE IN INCHES.		BELOW 12	±0.10	DECIMAL PLACES	X & X.X	X.XX	X.XXX
2. MACHINE SURFACES TO BE FLAT, SQUARE, PARALLEL & CONCENTRIC WITHIN .001 FOR 5 INCHES OR .001 TIR AS APPLICABLE.		12 TO 60	±0.13	BELOW 18	±0.015	±0.010	±0.005
3. MARK ALL DETAILS (EXEMPT COMMERCIAL PARTS) WITH DWG. & ITEM NUMBER.		60 TO 180	±0.20	18 TO 48	±0.030	±0.020	±0.010
4. BREAK ALL SHARP CORNERS .01 x 45° CHAMFER.		OVER 180	±0.30	OVER 48	±0.045	±0.030	±0.015
5. FILLETS SHOWN SHARP = .04 RAD.		ANGLE TOLERANCE ±0.5°		ANGLE TOLERANCE ±0.1°			
6. TAPPED HOLES: UNIFIED CLASS 2B THREAD., MIN DEPTH 1.5 x DIA.		SURFACE TEXTURE $\sqrt{125}$ TOLERANCES ARE NOT ACCUMULATIVE					
7. C'SINK BORED & REAMED HOLES 1/16 x 45°.							
8. CENTERS PERMISSIBLE.							
9. DO NOT SCALE DRAWING.							
10. ALL WELDING TO CONFORM TO LATEST A.W.S. STANDARDS							



NEXT ASSY		DRAWING INFORMATION		SIZE		SCALE	
		NAME	DATE	D	4:1	PROJECT NUMBER	
		DAVE	4/26/04	ATLAS - BMC		405	
		CHECKED	N.S.	BRANDEIS		DRAWING NUMBER	
		APPROVED		HIGH ENERGY PHYSICS LABORATORY		405.01.00	
		TITLE		ALIGNMENT SOURCES PLATE "J" ASSEMBLY,PART		SHEET	
						REVISION	
						E	