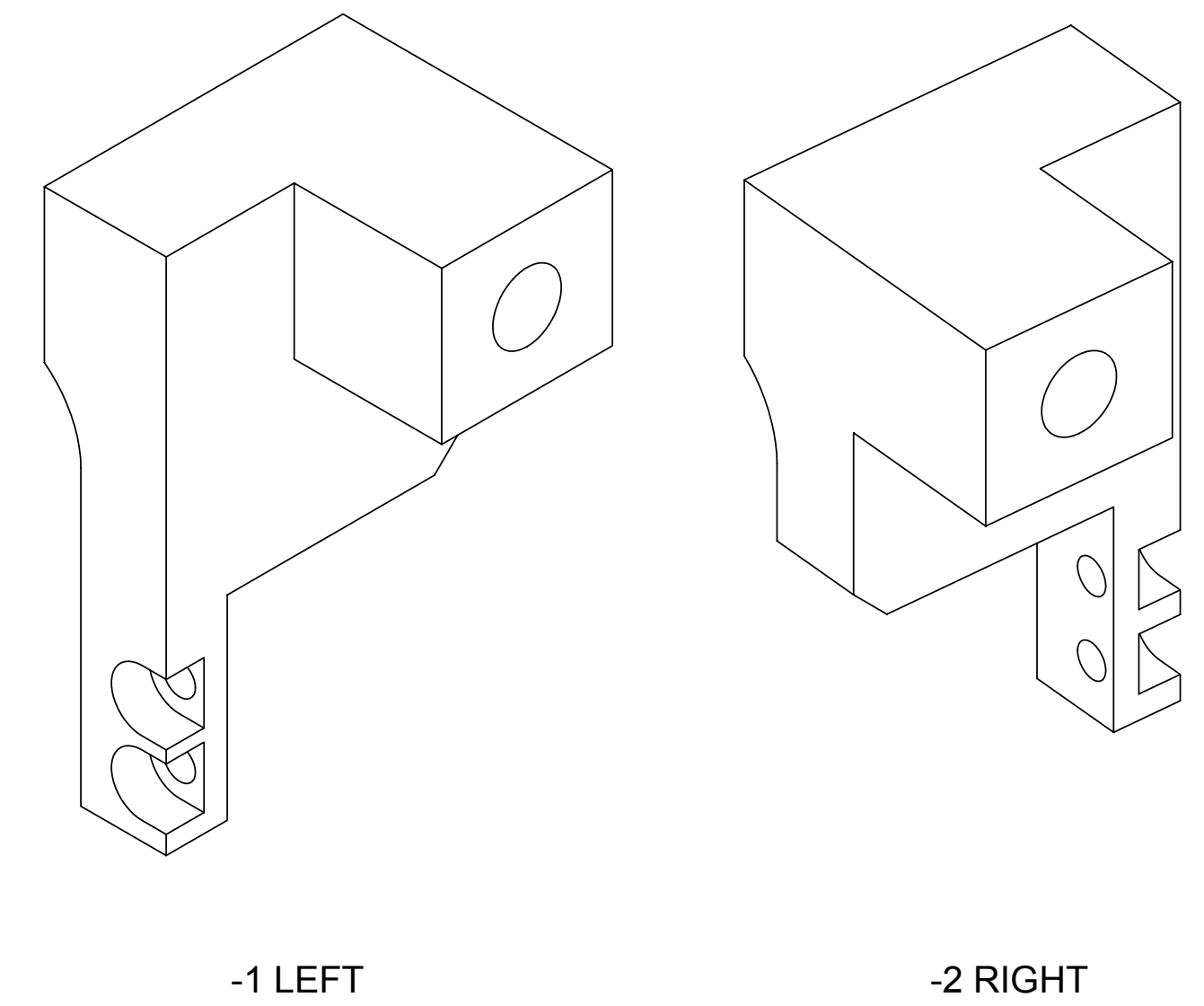
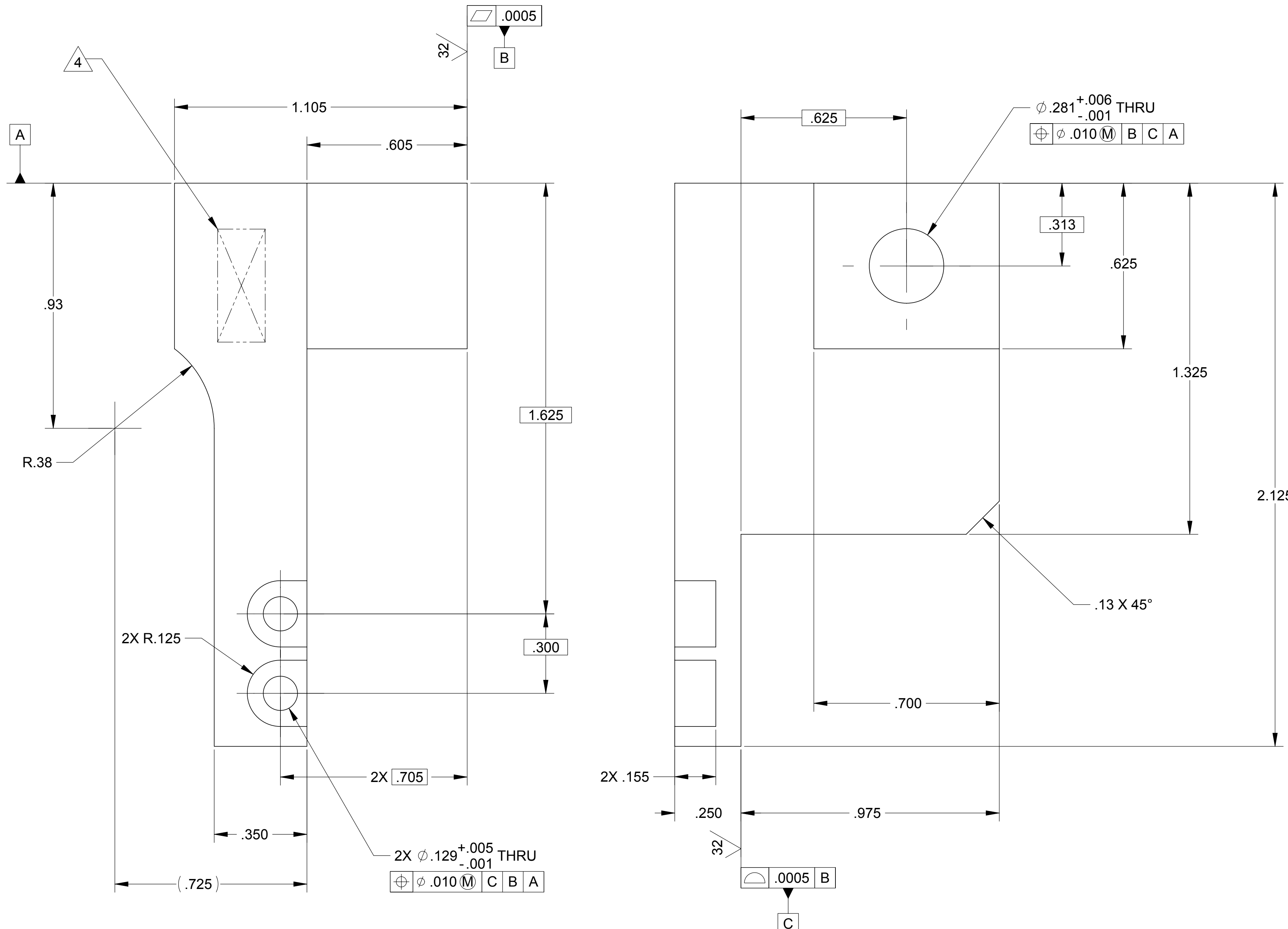


LTR		ZONE		REVISIONS									
				DESCRIPTION									
A				INITIAL RELEASE									
				DWN	CHK	P-ENG	CONFIG	ME	STRS	MATL	PROJ	QA	RELEASE DATE



-1 SHOWN
-2 MIRROR IMAGE

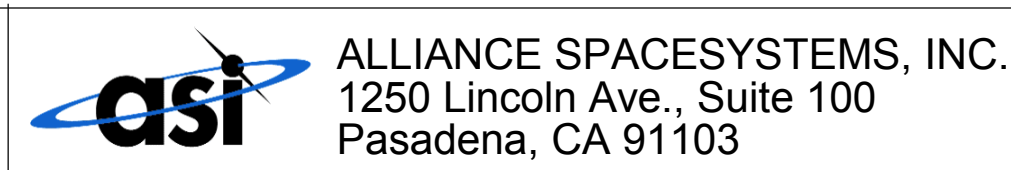
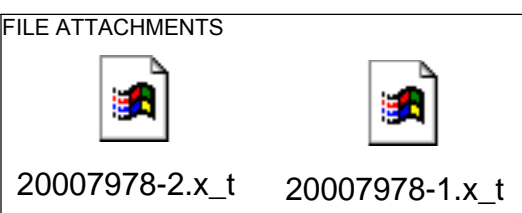
NOTES: UNLESS OTHERWISE SPECIFIED.

- ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASI SPECIFICATION 20008225 (LIGO E048225).
- REMOVE ALL BURRS AND SHARP EDGES .005-.015.
- MACHINE FILLET RADII .003-.015.
- MARK PART AND SERIAL NUMBER IN LOCATION APPROXIMATELY AS SHOWN USING 0.13-INCH HIGH CHARACTERS IN ACCORDANCE WITH 20006686, TYPE I, CLASSES 4, 5, OR 6. SERIAL NUMBERS START AT 001 FOR FIRST PART AND PROCEED CONSECUTIVELY. PARTS TOO SMALL TO MARK SHALL BE IDENTIFIED IN ACCORDANCE WITH 20006686, TYPE II.
- COUNTERSINK 82° ALL DRILLED HOLES .015-.030 DEEP BOTH SIDES.
- RECORD WEIGHT TO NEAREST 0.1 LB ON INSPECTION REPORT AFTER FINAL MACHINING. ESTIMATED WEIGHT IS 0.3 LBS.

20007978-2	THERMAL BAR, RIGHT
20007978-1	THERMAL BAR, LEFT

QTY REQD	ITEM NO	REF DES	CAGE NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
					PARTS LIST			
CONTRACT NO		UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		TOLERANCES		
				DECIMALS		ANGLES		
				.XX ±.03		.XXX ±.010 ± 1/2°		
				MACHINE FINISH		63		
				DO NOT SCALE DRAWING		INTERPRET DWG PER ASME Y14.5M-1994		
				MATERIAL		COPPER ALLOY 10200		
				ASTM-B152		(OXYGEN FREE)		
20007969		1388		DWN R.D.BILLING		07/09/04		
NEXT ASSEMBLY		PROJECT CODE		PROJ ENGR		STRS		
				CHK		MATL		
				CONFIG		PROJ		
				ME		QA		
				APPLICATION				
				SIZE		CAGE CODE		REV
				D		1KNU9		20007978 A
				SCALE 4:1		UNCLASSIFIED		SHEET 1 OF 1

THIS DOCUMENT MAY CONTAIN ITAR CONTROLLED INFORMATION AND/OR COMMERCE CONTROLLED INFORMATION EXPORT RESTRICTIONS MAY APPLY



THERMAL BAR, STAGE
1-2 VERTICAL ACTUATOR
LIGO D047978-A

RELEASED
1/24/2005