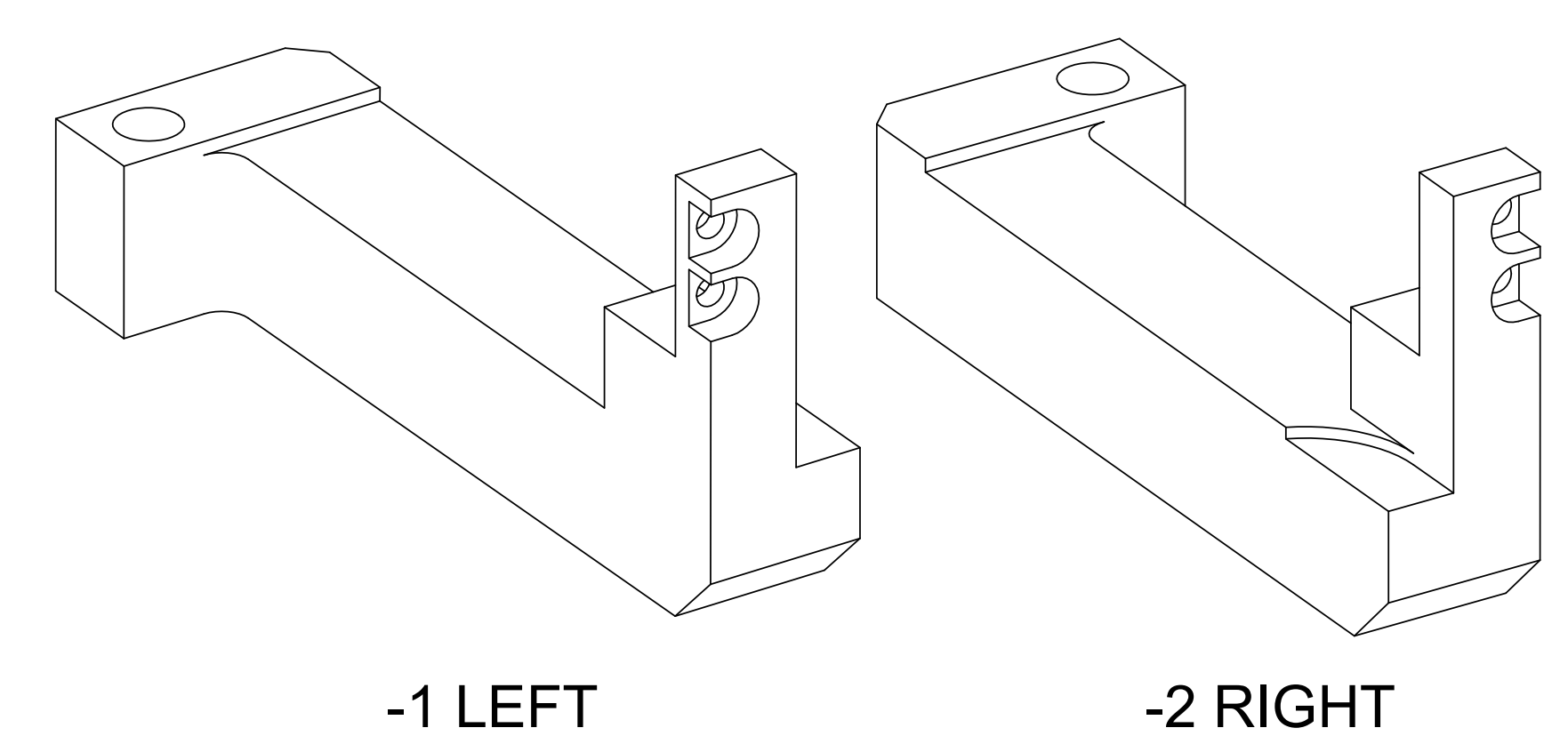
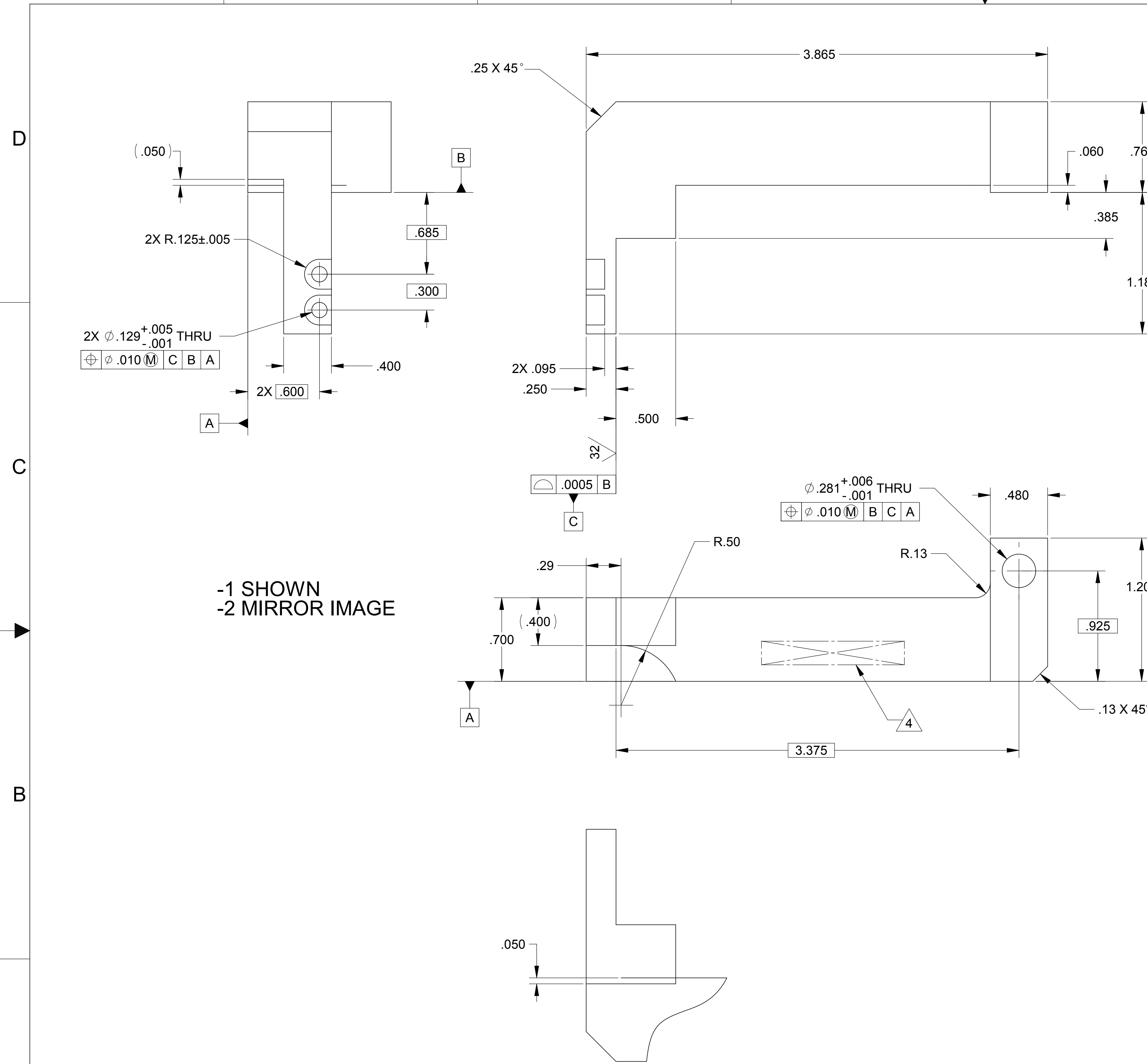


LTR		ZONE	DESCRIPTION	REVISIONS									
A			INITIAL RELEASE	DWN	CHK	PROJ ENGR	STRESS	MATL	CONFIG ENGR	ME	PROJ	QA	RELEASE DATE
B	C6		CHANGED C'BORE REMAINING THICKNESS: WAS 2X .115, IS 2X 0.095	RB	RF	KS	DCW	DCW	RF	RK	SV	GDL	1-24-05
				RF									



-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  $82^\circ$  ALL DRILLED HOLES .015-.030 DEEP BOTH SIDES.
- RECORD WEIGHT TO NEAREST 0.1 LB ON INSPECTION REPORT AFTER FINAL MACHINING. ESTIMATED WEIGHT IS .7 LBS.

20007979-2	THERMAL BAR, RIGHT
20007979-1	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 .XX ±.03 .XXX ±.010 ± 1/2"				
				ANGLES 125				
				MACHINE FINISH				
				DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.5M				
				MATERIAL				
				COPPER ALLOY 10200 ASTM-B152 (OXYGEN FREE)				
20007968				1388				
NEXT ASSEMBLY				PROJECT CODE				
APPLICATION								
				DWN R.D.BILLING 07/07/04				
				PROJ ENGR STRS				
				CHK MATL				
				CONFIG PROJ				
				ME QA				
SIZE D		CAGE CODE 1KNU9		20007979		REV B		
SCALE 2:1		UNCLASSIFIED		SHEET 1 OF 1			REV 6/04	

RELEASED  
2/9/2005

asi ALLIANCE SPACESYSTEMS, INC.  
1250 Lincoln Ave., Suite 100  
Pasadena, CA 91103

THERMAL BAR, STAGE 1-2  
HORZ ACTUATOR  
LIGO-D047979-B

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

FILE ATTACHMENTS  
20007979-1.x\_t 20007979-2.x\_t