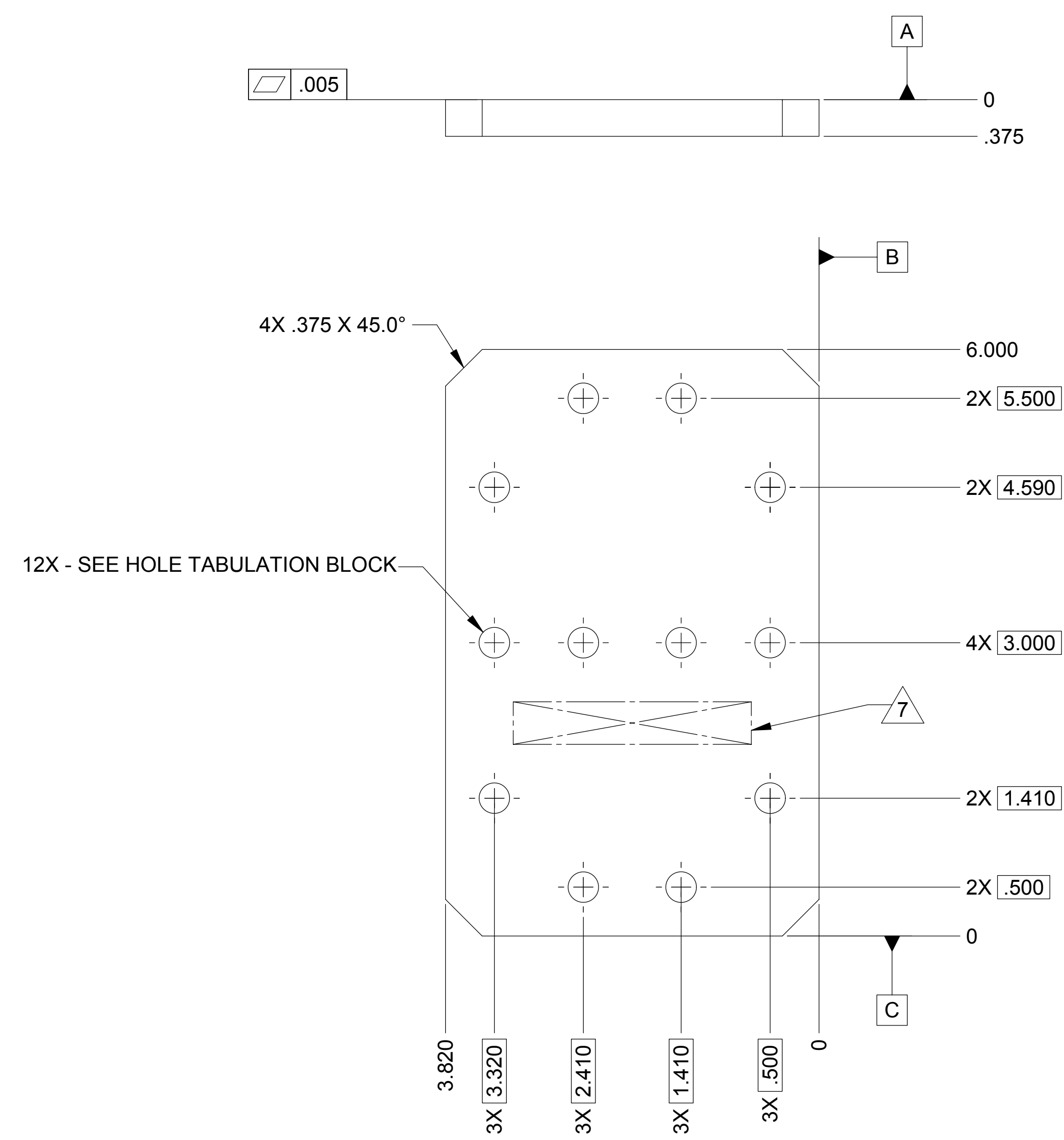


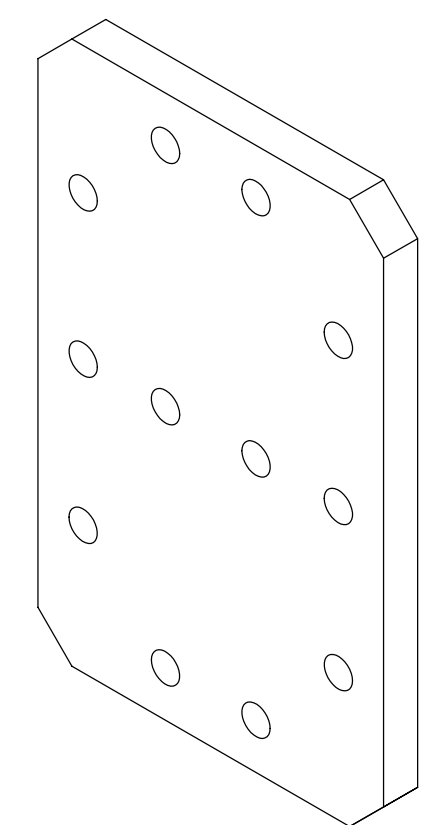
| LTR | | ZONE | | DESCRIPTION | REVISIONS | | | | | | | | | | |
|-----|-----|------|--------|-----------------|-----------|----|------|----|--------------|--|--|--|--|--|--|
| DWN | CHK | ENGR | STRESS | MATL | THRM | ME | PROJ | QA | RELEASE DATE | | | | | | |
| A | | | | INITIAL RELEASE | | | | | | | | | | | |



| HOLE TABULATION BLOCK | | |
|-----------------------|------------------------------------|--------------------------------------|
| DASH NO. | HOLE SIZE | POSITIONAL TOLERANCE |
| -1 | $\phi .313 \pm .006 / - .001$ THRU | $\oplus \phi .015 \text{ (M) A B C}$ |
| -2 | $\triangle 4 .250-20$ UNC THRU | $\oplus \phi .015 \text{ A B C}$ |

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.
- $\triangle 4$ THREADED HOLES SHALL BE PRODUCED TO A .004-.006 OVERSIZE CONDITION ON THE PITCH DIAMETER BASED ON A 2B CONDITION. THIS DOES NOT APPLY TO THREADED INSERT HOLES
- COUNTERSINK 82° ALL TAPPED HOLES TO MAJOR DIAMETER +.015/- .000.
- COUNTERSINK 82° ALL DRILLED HOLES .015-.030 DEEP BOTH SIDES.
- $\triangle 7$ MARK PART AND SERIAL NUMBER IN LOCATION APPROXIMATELY 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 THEN PROCEED CONSECUTIVELY. PARTS TOO SMALL TO MARK SHALL BE IDENTIFIED IN ACCORDANCE WITH 20006686, TYPE II.
- RECORD WEIGHT TO NEAREST 0.1 LB ON INSPECTION REPORT AFTER FINAL MACHINING. ESTIMATED WEIGHT IS 0.8 LBS.



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

| | | | |
|------------|--|------------------|--|
| 20007855-2 | | SPLICE, THREADED | |
| 20007855-1 | | SPLICE, THRU | |

| QTY REQD | ITEM NO | REF DES | CAGE NO | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | SPECIFICATION | MATERIAL OR NOTE | ZONE |
|----------|---------|---------|---------|------------------------|-----------------------------|---------------|------------------|------|
| | | | | | | | | |

| | | | | | | | |
|---|--|--|--|---|--|---|--|
| CONTRACT NO | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES | | PARTS LIST | | ALLIANCE SPACESYSTEMS, INC. 1250 Lincoln Ave., Suite 100 Pasadena, CA 91103 | |
| | | DECIMALS .XX ±.03 ANGLES ± 1/2° MACHINE FINISH 125/ | | DWN N. BRAZEAU PROJ ENGR STRS 06/30/04 | | HEX WALL SPLICE - OPTICAL SIDE - STAGE 2 LIGO-D047855-A | |
| | | DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.5M | | CHK ME | | SIZE D CAGE CODE 1KNU9 SCALE 1:1 | |
| MATERIAL AL ALY 6061-T651 AMS-QQ-A-250/11 | | 20007845 1388 NEXT ASSEMBLY PROJECT CODE | | APPLICATION | | REV A SHEET 1 OF 1 | |

RELEASED 1/24/2005

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