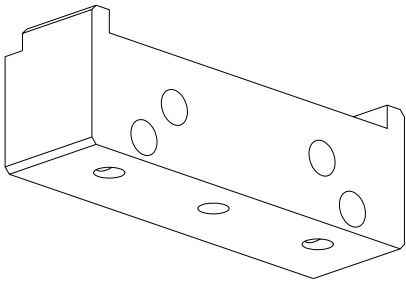


NOTES: UNLESS OTHERWISE NOTED

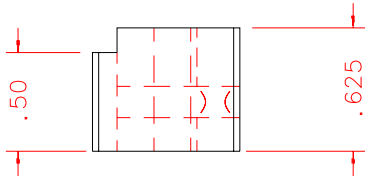
1. MACHINED SURFACE ROUGHNESS 64  
O-RING GROOVES AND SURFACES 32

2. REMOVE ALL BURRS/SHARP CORNERS

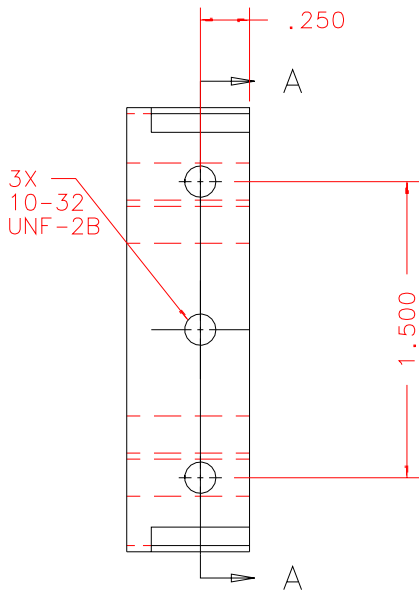
| BILL OF MATERIAL |       |          |             |             |
|------------------|-------|----------|-------------|-------------|
| NO.              | REQ'D | REF DRW  | DESCRIPTION | MATERIAL    |
| N/A              | 5     | SC0-020A | TAB BLOCK   | ALU 6061-T6 |



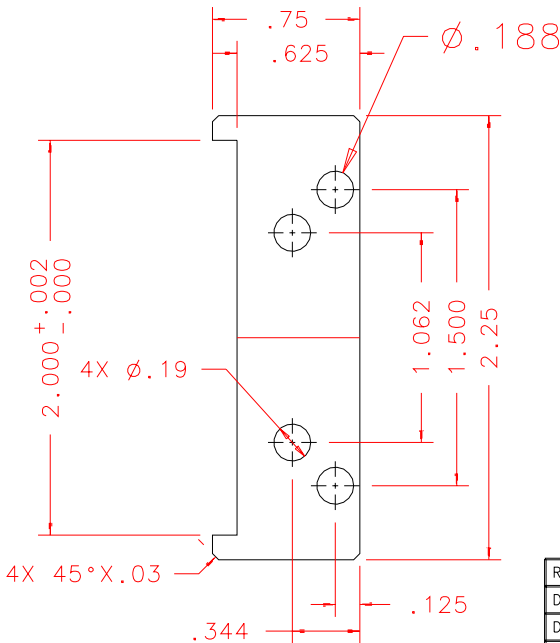
ISOMETRIC



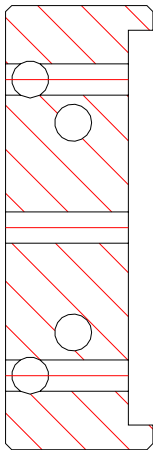
TOP



LEFT



FRONT



SECTION A-A

PLOT:10/19/99

|           |
|-----------|
| SC0-001B  |
| NEXT ASSY |

|                     |            |                                                 |             |
|---------------------|------------|-------------------------------------------------|-------------|
| REVDATE: N/A        |            | REVISION: N/A                                   |             |
| DATE: 05/23/97      |            | INSTITUTE FOR ASTRONOMY                         |             |
| DESIGN: STAHLBERGER |            | 2680 WOODLAWN DR. HONOLULU, HI 96822            |             |
| DRAWN: STAHLBERGER  |            | INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH |             |
| APPR'D: J. RAYNER   |            | PART NAME: TAB BLOCK                            |             |
| TOLERANCES          |            | TELESCOPE: IRTF                                 |             |
| X.X                 | +/- .015   | DRW NO: SCO-020A                                |             |
| X.XX                | +/- .005   |                                                 |             |
| X.XXX               | +/- .002   |                                                 |             |
| ANGLE               | +/- 30 min |                                                 |             |
| FRACTION            | +/- 1/32   |                                                 |             |
|                     |            | SCALE: 1:1                                      |             |
|                     |            | SIZE: A                                         | JOS NO: 725 |
|                     |            | SHEET: 1 OF 1                                   |             |