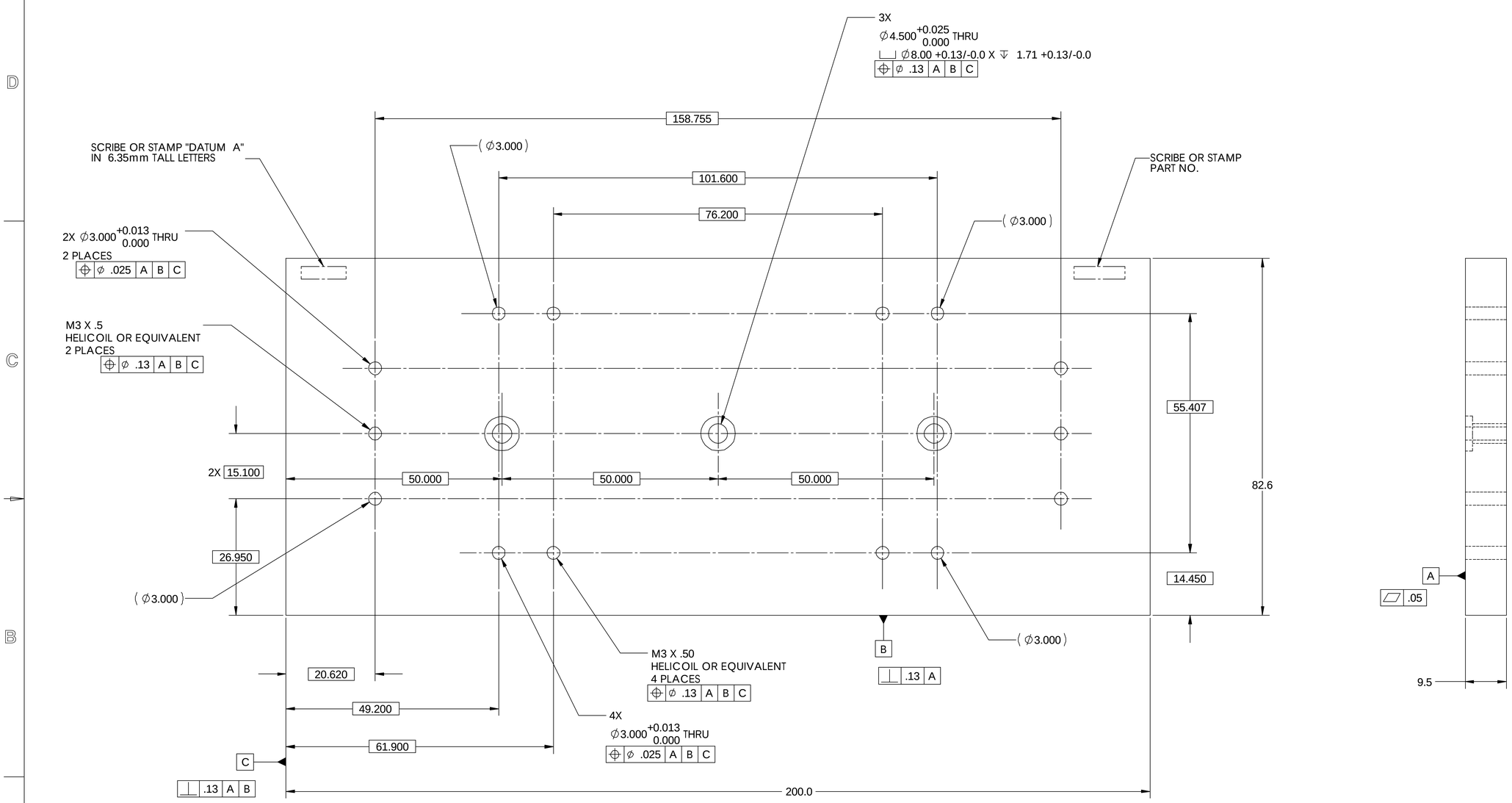
| DWG. NO. | SIZE | REV. | SH. |
|---|---|---|---|
| 21F751 4 | | - | 1 |

| DESCRIPTION | MATERIAL | MAT. LOCATION |
|---|---|---|
| | | |




MATL: 6061-T6 ALUM

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN MILLIMETERS
2. DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
3. SURFACE TEXTURE PER ANI/ASME B 46.1-1985
4. REMOVE ALL BURRS AND BREAK SHARP EDGES TO A MAXIMUM OF .38
5. ALL INSIDE CORNERS TO BE .38 RADIUS MAX
6. COUNTERSINK 82 DEGREES ALL TAPPED HOLES TO MAJOR DIAMETER
7. COUNTERSINK 82 DEGREES APPROXIMATELY .38 DEEP ALL DRILLED HOLES
8. PARTS TO BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, DIRT AND CHIPS

| REV | DWG | CHK | ZONE | DATE | CHANGES |
|---|---|---|---|---|---|

UNLESS OTHERWISE SPECIFIED

| TOLERANCES | | |
|---|---|---|
| | X.X ± 0.5 | FRAC. ± 1/64 |
| | X.XX ± 0.25 | ANGLES ± 30' |
| | X.XXX ± 0.013 | FINISH 1.6 |

DO NOT SCALE PRINT

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30°
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
IN ACCORDANCE WITH ASME Y14.5m & B46.1

SHOP ORDERS

| | | | |
|---|---|---|---|
| ACCT NO. | NO. REQD | SER NO. | |
| DEL TO | | DATE ISSD | |
| SURFACE TREATMENT | | DATE REQD | |
| IDEN METHOD | TAG | | |
| PROJECT NUMBER | ATL-IP-ED-XXXX | | (8 ATLAS SILICON SUBSYSTEM (USSS) |
| PROJECT NAME | US ATLAS SILICON SUBSYSTEM | | |
| DWG BY | W. K. MILLER | DATE | 4/16/2002 |
| CHK BY | BILL WILDS | DATE | 4/16/2002 |
| APR BY | E ANDERSSEN | DATE | 4/16/2002 |

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY ≠

ATLAS PIXEL DETECTOR
ENDCONE PANEL
BOND FIXTURE BASEPLATE

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: 2:1 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | PART | 21F750 | SHEET 1 OF 1 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CIDE | DWG. NO. | SIZE / REV. |
| | P1AP-11 | AP6250 | 21F751 4 | - |