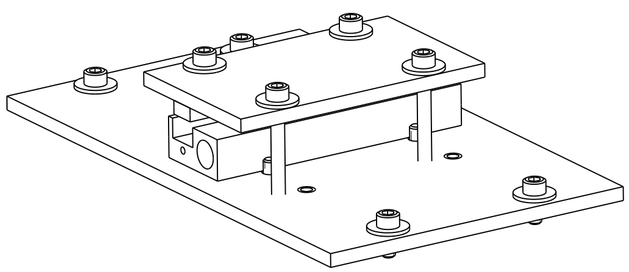
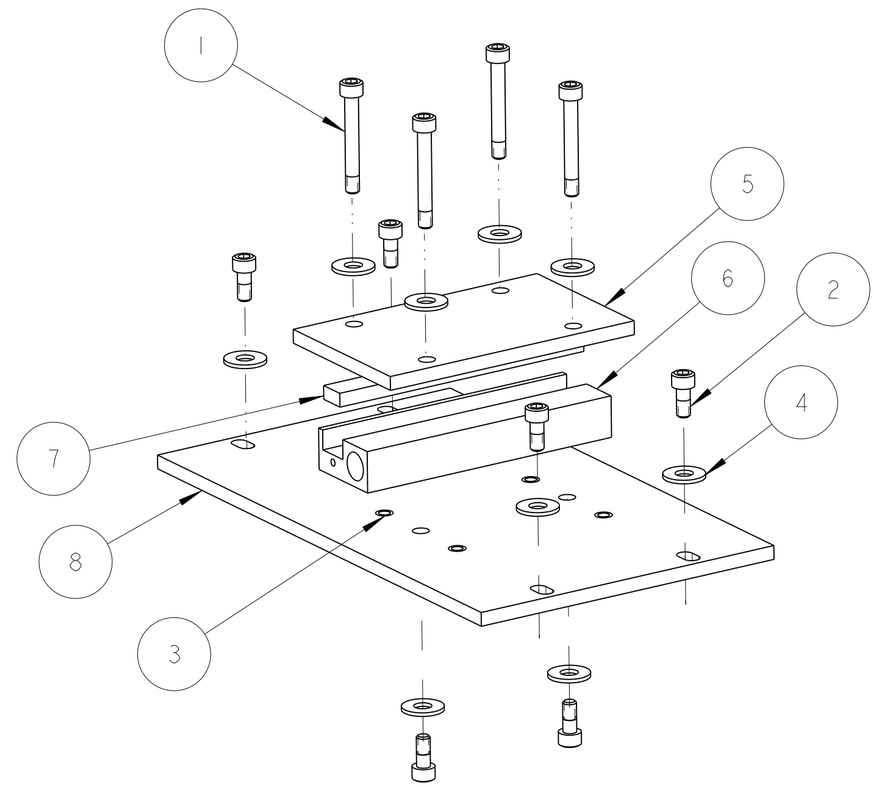
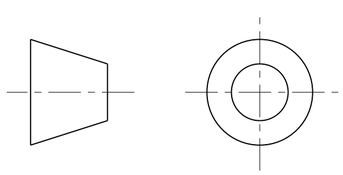
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS IS A CRYOGENIC VACUUM COMPONENT.
2. CLEANING PROCEDURE : PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
3. PACKAGING AND STORAGE PROCEDURE OF THE COMPONENTS: PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
4. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982. UNITS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED.
5. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
6 USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
7. VENDOR SUGGESTED CHANGES TO TOLERANCES TO FACILITATE FABRICATION OR ASSEMBLY; SUBECT TO LBNL APPROVAL.

| ITEM | PART NO | REQD | DESCRIPTION | MATERIAL |
|---|---|---|---|---|
| 8 | 251670 | 1 | SOLDER BOX MOUNT PLATE, 10" | NEMA G10 |
| 7 | 251668 | 1 | PUSH BLOCK | NEMA G10 |
| 6 | 251666 | 1 | SOLDER BOX | OFHC COPPER |
| 5 | 251664 | 1 | CLAMP PLATE | NEMA G10 |
| 4 | - | 10 | WASHER, FLAT, M6 | SS |
| 3 | - | 4 | INSERT, HELICAL, M6x1x6mm | - |
| 2 | | 6 | SHCP M6x1x14mm | SS |
| 1 | | 4 | SHCP M6X1.0x45mm | SS |





THIRD ANGLE PROJECTION

| REV | DWG | CHK | ZONE | DATE | CHANGES |
|---|---|---|---|---|---|
| A | ARH | DPO | | 9/16/02 | INITIAL RELEASE |

UNLESS OTHERWISE SPECIFIED

| TOLERANCES | | |
|---|---|---|
| | X.X ± 0.1 | FRAC. ± 1/64 |
| | X.XX ± 0.03 | Angles ± 1.00° |
| | X.XXX ± 0.010 | FINISH 125√(μin) |

DO NOT SCALE PRINT

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW TREADS 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 TREATMT | - | DATE REQD | - |
| IDENT METHOD | TAG | | |
| PROJECT NUMBER | N/A | N/A (logo) | |
| PROJECT NAME | N/A | | |
| DWG BY | S.Bartlett | DATE | 17-Jul-02 |
| CHK BY | D.OSHATZ | DATE | 16-Sep-02 |
| APR BY | D.OSHATZ | DATE | 16-Sep-02 |

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
ELECTRICAL
HTS SOLDER JOINT ASSEMBLY-10

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: 1/2 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | ASSEM | - | SHEET 1 OF 1 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. SIZE | REV. |
| | Z5LCE3 | LH2004 | 2516853 | A |

DWG. NO. 2516853 SIZE A REV. SH. 1

Dwg. File: 251685 Model File: 251685