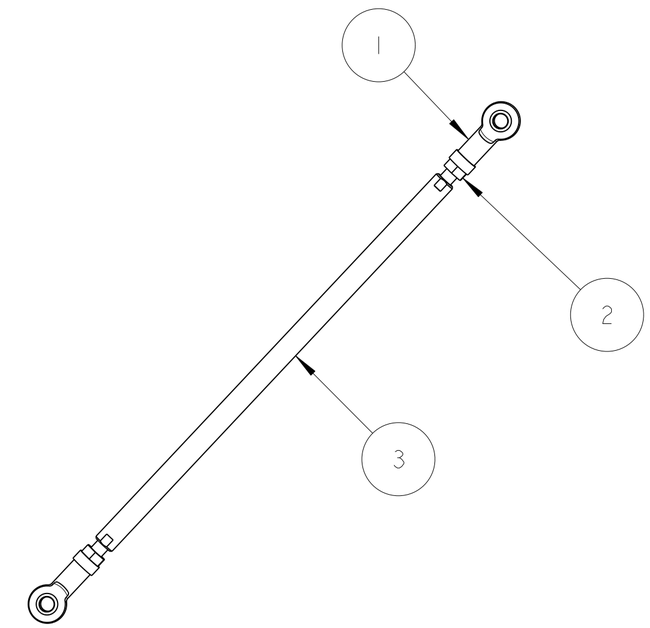
| ITEM | PART NO | REQD | DESCRIPTION | MATERIAL |
|---|---|---|---|---|
| 3 | 25M853 | 1 | INVAR ROD, SHORT | INVAR 36 |
| 2 | - | 2 | JAM NUT, 1/2-20 UNF, 5/16 THICK | SS |
| 1 | - | 2 | 1/2" ROD END, RADIAL BEARING CO. RF-8 | - |

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS IS A CRYOGENIC VACUUM COMPONENT.
2. CLEANING PROCEDURE : PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
3. LUBRICANT IN ROD END MUST BE VACUUM COMPATIBLE AND IS SUBJECT TO LBNL APPROVAL.
4. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982. UNITS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED.




MAXIMUM STRUT LENGTH
22.918
[582.12]
MINIMUM STRUT LENGTH
21.54
[547.12]

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| REV | DWG | CHK | ZONE | DATE | CHANGES |
|---|---|---|---|---|---|
| A | AH | DPO | | 9/13/02 | 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

| | | | |
|---|---|---|---|
| SER NO. | - | | |
| ACCT NO. | | NO. REQD | DATE ISSD - |
| DEL TO | | | DATE REQD - |
| SURFACE TREATMT | - | | |
| IDENT METHOD | TAG | | |
| PROJECT NUMBER | N/A | | |
| PROJECT NAME | N/A | | |
| DWG BY | S.VIROSTEK | | DATE 01-Aug-02 |
| CHK BY | D.OSHATZ | | DATE 03-SEP-02 |
| APR BY | S.VIROSTEK | | DATE 03-SEP-02 |

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
SHORT VERTICAL SUPPORT ASSEMBLY

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: ~11/64 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | ASSEM | - | SHEET 1 OF 1 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. | SIZE / REV. |
| | Z5LCE2 | LH2003 | 25M8513 | A |

Dwg. File: 25M851 Model File: 25M851

DWG. NO. 25M8513 SIZE A REV. SH. 1

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