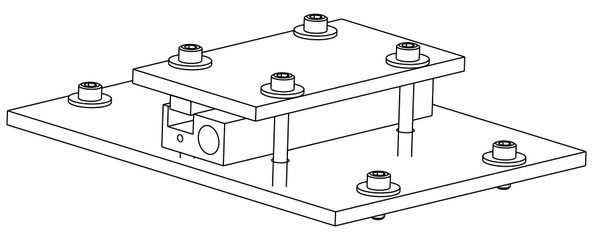
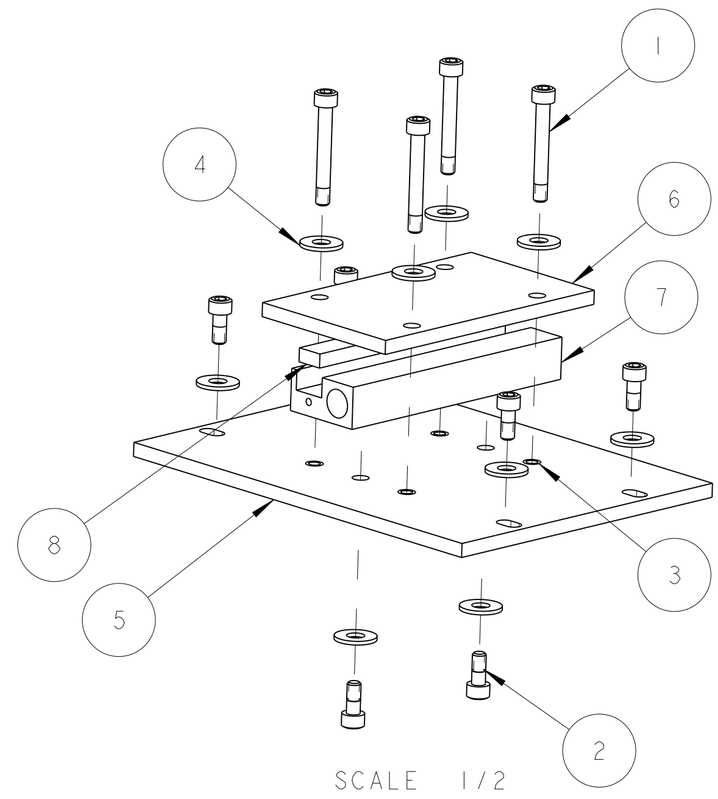
NOTES: (UNLESS OTHERWISE SPECIFIED)

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.

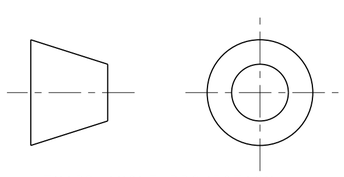
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
8	251668	1	PUSH BLOCK	NEMA G10
7	251666	1	SOLDER BOX	OFHC COPPER
6	251664	1	CLAMP PLATE	NEMA G10
5	251663	1	SOLDER BOX MOUNT PLATE 8"	NEMA G10
4	-	10	WASHER, FLAT, M6	SS
3	-	4	INSERT, HELICAL, M6x1x6mm	-
2		6	SHCP M6x1x14mm	SS
1		4	SHCP M6X1.0x45mm	SS



SCALE 1/2



SCALE 1/2



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

SER NO.	-		
ACCT NO.		NO. REQD	6
DATE ISSD	-		
DEL TO		DATE REQD	-
SURFACE TREATMT	-		
IDENT METHOD	TAG		
PROJECT NUMBER	N/A		
PROJECT NAME	N/A		
DWG BY	S.Bartlett	DATE	31-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-8

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: ~21/64	DO NOT SCALE PRINTS
	ASSEM	-	SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO. 2516693 SIZE	REV. A
	Z5LCE3	LH2004		

DWG. NO. 2516693 SIZE A REV. SH. 1

Dwg. File: 251669 Model File: 251669

Rev. 1/29/2000 J. R. Osborn