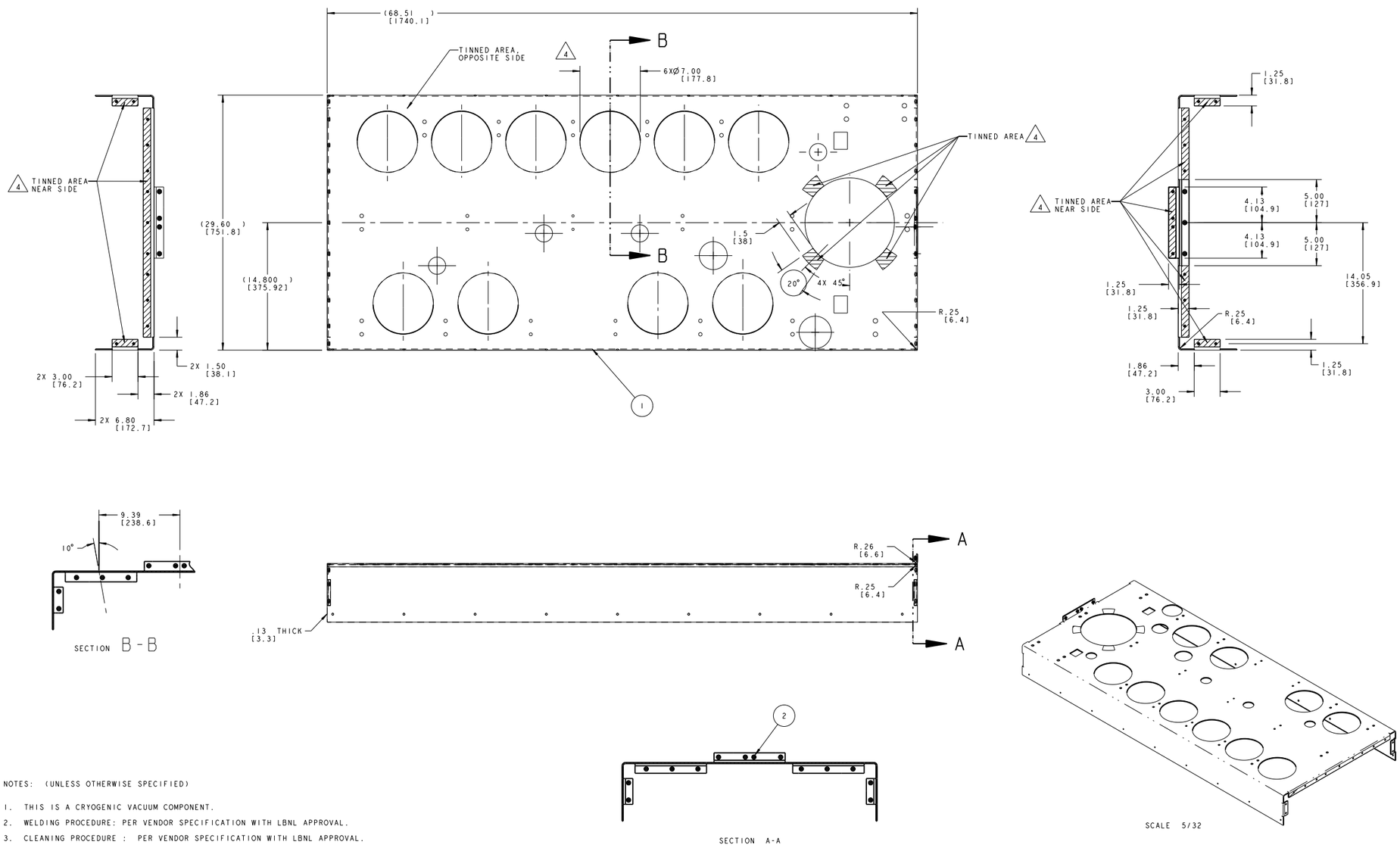


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS IS A CRYOGENIC VACUUM COMPONENT.
2. WELDING PROCEDURE: PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
3. CLEANING PROCEDURE : PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
4. PACKAGING AND STORAGE PROCEDURE OF THE COMPONENTS: PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
5. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982. UNITS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED.
6. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
7. USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
8. SURFACES TO BE COATED AFTER FORMING WITH 0.0002 INCH ELECTRODEPOSITED Ni, EXCEPT FOR NOTED AREAS.
9. TIN NOTED AREAS WITH 60/40 Sn/Pb SOLDER, USE RESIN FLUX.

THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
A		DPO			CHANGES PER PRODUCTION READINESS REVIEW

UNLESS OTHERWISE SPECIFIED
TOL/ALLOWANCES: X.X ± 0.1 FRAC. ± 1/64; X.XX ± 0.03 Angles ± 1.00°; X.XXX ± 0.010 FINISH 125
DO NOT SCALE PRINT
THREADS ARE CLASS 2
CORNER ENDS OF ALL SCREW THREADS 30°
CUT ROUND, 1.5 THREAD RELIEF ON INCOMPLETE THREADS
BREAK EDGES .010 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE IN ACCORDANCE WITH NSNC 114.5M & DWG.1

SHOP ORDERS

2	-	27	M5 CAPTIVE NUT, PEM LAC-M5-1-SF OR EQUIV.
1	-	1	COPPER SHEET, .125 THICK
ITEM	PART NO	REQD	DESCRIPTION

CDA10:
MATERIAL:

DRAWN	R. LA MANTIA	DATE 18-Feb-02
CHK	Jon Zbasnik	DATE 13-AUG-02
DSN	Jon Zbasnik	DATE 13-AUG-02
APP	Jon Zbasnik	DATE 13-AUG-02

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

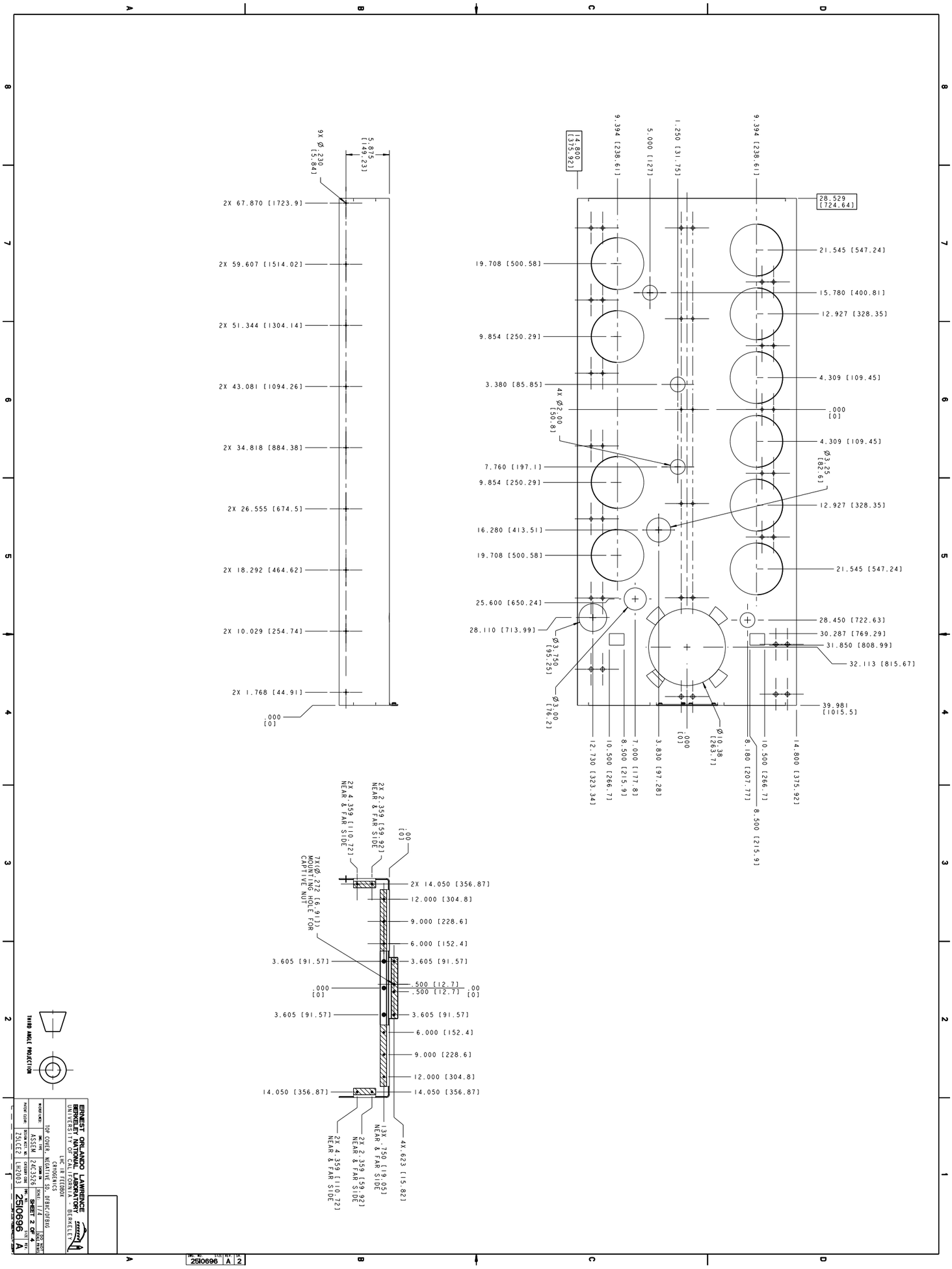
LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXC/DFBXG

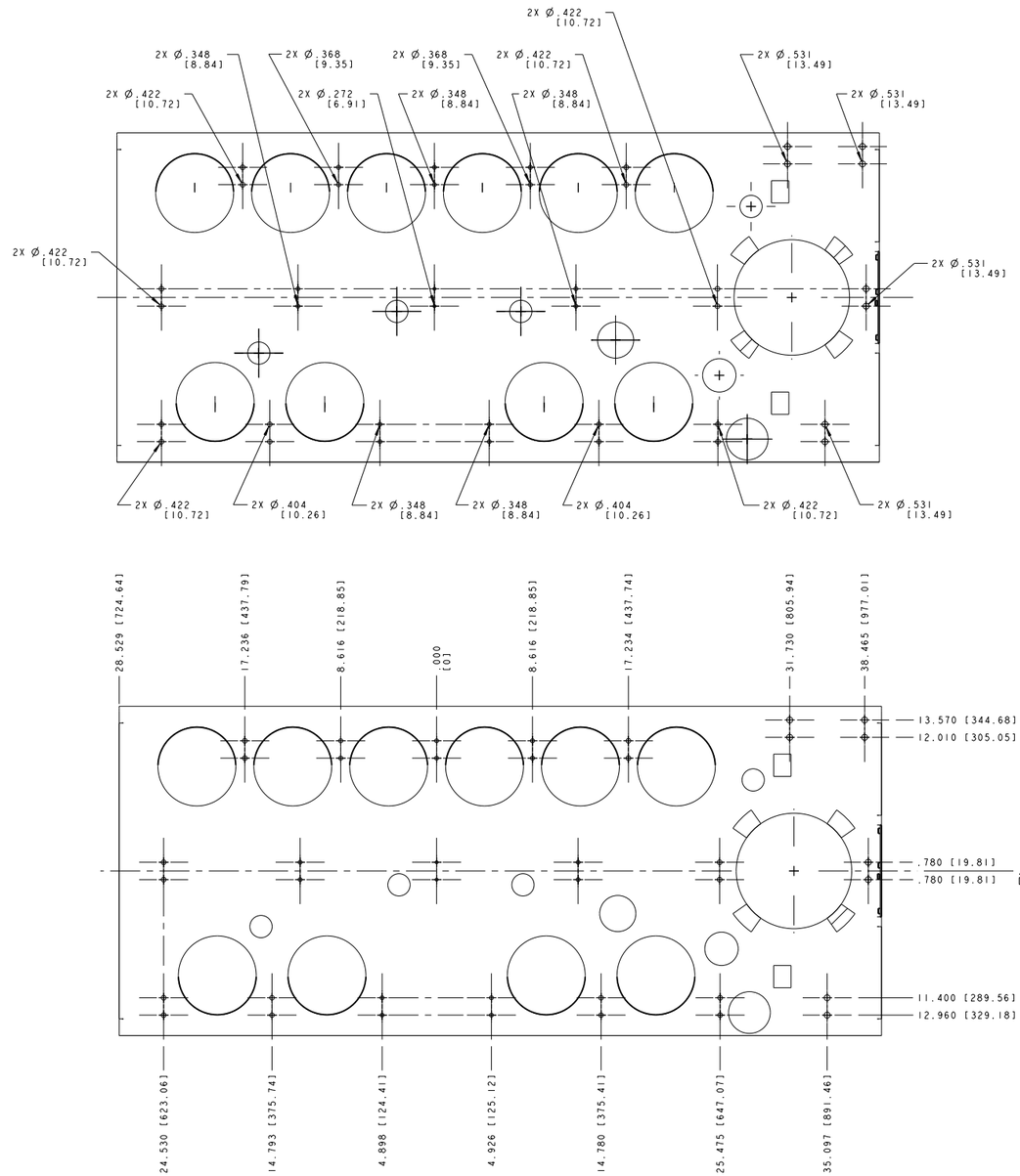
MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 1/4	DO NOT SCALE PRINT
	ASSEM	24C3526	SHEET 1 OF 4	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO. 2510696	SIZE A REV.
	Z5LCE2	LH2003		

DWG. NO. 2510696 SIZE/REV A 1

NAME:ARHARRIS OBJECT:251069_1 DATE:15-Aug-02 15:00:16

NAME:ARHARRIS OBJECT:251069_2 DATE:15-Aug-02 15:00:17





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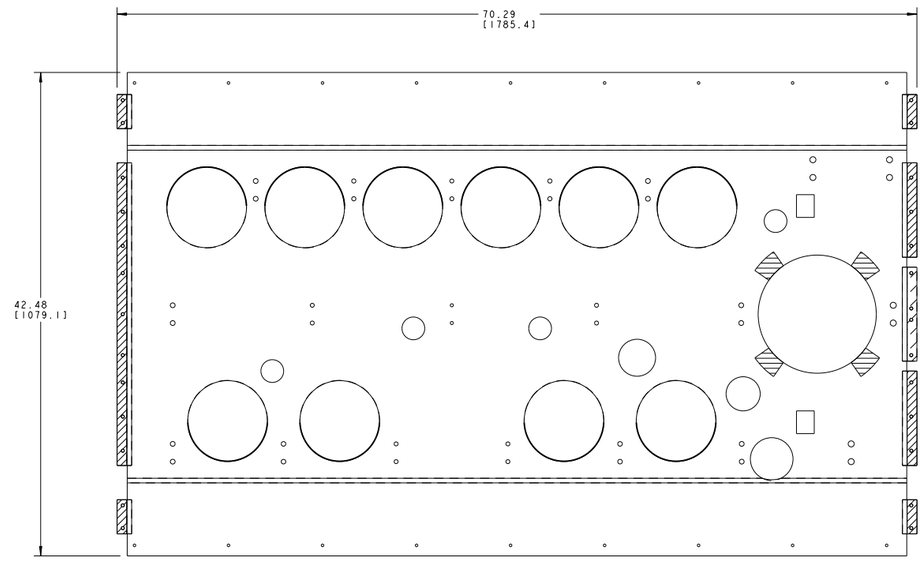
LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXC/DFBXG

MICROFILMED:	DRG. TYPE	SHOWN ON	SCALE: 1/4	DO NOT SCALE PRINTS
	ASSEM	24C3526	SHEET 3 OF 4	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO.	SIZE / REV.
	Z5LCE2	LH2003	2510696	A

DWG. NO. 2510696 | SIZE/REV. A | 3

NAME:ARHARRIS OBJECT:251069_3 DATE:15-Aug-02 15:00:18



FLAT PATTERN
SCALE 1/4

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BERKELEY NATIONAL LABORATORY
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LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXC/DFBXG

MICROFILMED:	DWG. TYPE: ASSEM	DRAWN ON: 24C3526	SCALE: 1/4	DO NOT SCALE PRINTS
			SHEET 4 OF 4	
PATENT CLEAR:	DESIGN ACCT. NO.: Z5LCE2	CATEGORY CODE: LH2003	DWG. NO.: 2510696	SIZE: A / REV.

NAME:ARHARRIS OBJECT:251069_4 DATE:15-Aug-02 15:00:19