



DETAIL 1
SCALE: FULL
1 PLACE - AS SHOWN
1 PLACE - MIRROR IMAGE

DETAIL 3
SCALE: 4 : 1
O-RING GROOVE, ALL AROUND
Φ .015 A B C

DETAIL 2
SCALE: FULL
1 PLACE - AS SHOWN
1 PLACE - MIRROR IMAGE

SECTION A - A
SCALE: 1/2

SECTION D - D
SCALE: 1/2

SECTION E - E
SCALE: 1/2

- NOTE:
- ADHERE (ITEM) 2 PADPLANE (WITH CONNECTORS SOLDERED ON) TO (ITEM 1) STRONGBACK. SEE COGNIZANT ENGINEER FOR PROCEDURE
 - MASK-OFF ELECTRONIC CONNECTORS AND CONNECTOR PENETRATION HOLES TO PREVENT CHIPS FROM ENTERING DURING MACHINING.
 - DO NOT MARR, SCRATCH OR OTHERWISE DISTURB THE COPPER SURFACE OF (ITEM 2) PADPLANE
 - DO NOT USE CUTTINGFLUIDS OTHER THAN ALCOHOL AND/OR WATER.
 - DIMENSION INDICATED APPLIES IN THE RESTRAINT CONDITION

1	2	24A3725	OUTER SECTOR PADPLANE, 2 LAYER W/INS
1	1	24A0345B	OUTER SECTOR STRONGBACK

REV	DWG	CHK	ZONE	DATE	CHANGES	UNLESS OTHERWISE SPECIFIED	SHOP ORDERS	LAWRENCE BERKELEY LABORATORY
A	JB			930803	ADDED NOTES 2TOS, ADDED +.001, .015 WAS .005	SO X ± .1 FRACTION ± 1/64 ANGLES ± 1° FINISH 125/7	ACCT. NO. SERIAL NO. DATE ISSUED DATE REQD. DELIVER TO	UNIVERSITY OF CALIFORNIA-BERKELEY RHIC-STAR-TPC OUTER SECTOR ASSEMBLY O-RING GROOVE MACHINING
REV	DWG	CHK	ZONE	DATE	CHANGES	THREADS ARE CLASS 2 CHAMFER ENDS OF ALL SCREW THREADS 30° OUT 1.5 PITCH INO RELIEF WITH ROUNO NOSE TOOL ON MACHINE CUT THREADS BREAK EDGES .016 MAX. ON MACHINED WORK REMOVE BURRS WELD SPATTER & LOOSE SCALE REFERENCES: ANSI Y14.5 & B46.1	IDENT. NO. DATE BY: J. BOEHRM CHK: J. BERCOVITZ	PATENT CLEAR DWG. TYPE DETAIL 24AXXXX DESIGN ACT. NO. CATEGORY CODE 8052-24SR-02-04