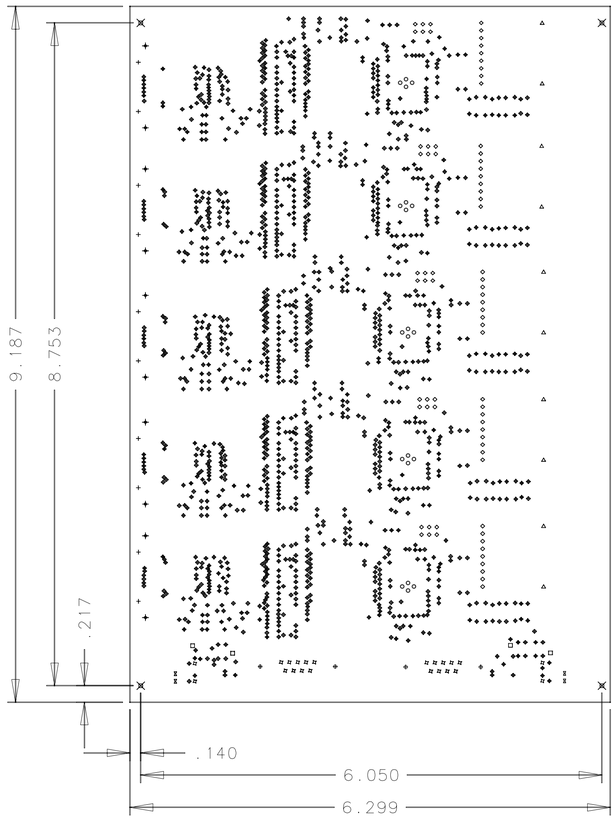
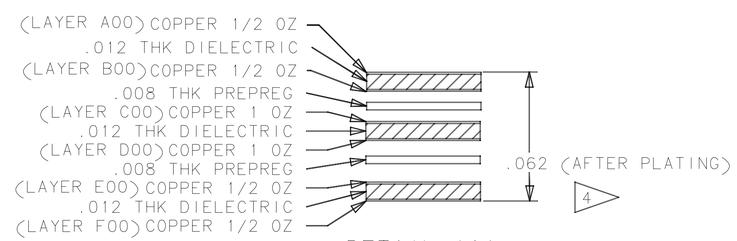
ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 M1 - M10	REF	ARTWORK



NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATE PRINTED WIRING BOARD PER IPC-4101.
2. MATERIAL; TYPE PC-GF PREPREG AND TYPE GFN COPPER CLAD EPOXY LAMINATE WITH A MINIMUM GLASS TRANSITION TEMPERATURE OF 125°C, WITH TYPE H COPPER FOIL PER MIL-P-13949.
3. PREPREG: FINISHED BOARDS SHALL HAVE A MINIMUM OF .0035 INCH OF PREPREG MATERIAL BETWEEN CONDUCTIVE LAYERS.
4. ELECTRODEPOSIT COPPER PLATING PER MIL-C-14550 A MINIMUM THICKNESS OF .001 INCH FOR 1 OZ CALLOUTS ON ALL EXTERNAL LAYERS AND HOLES IS REQUIRED.
5. TIN-LEAD PLATE PER QQ-S-571 TO A MINIMUM THICKNESS OF .0001 ON EXTERNAL LAYERS AND ALL HOLES.
6. ANNULAR RING: A MINIMUM OF .002 INCH IS REQUIRED ON ALL EXTERNAL LAYERS AND .001 INCH ON INTERNAL LAYERS.
7. SEE DETAIL 'A' FOR BOARD CROSS SECTION.
8. FOR DRILL SIZES AND COORDINATES SEE CLINK_RX NC.
9. ETCHBACK: THE MAXIMUM ALLOWABLE IS .003 INCH.
10. 100 OHM IMPEDANCE MICROSTRIP TRACES TO BE WITHIN +/- 10% VENDOR MAY CHANGE STACKUP TO MANTAIN REQUIRED IMPEDANCES.

DRILL SYMBOL	DRILL SIZE	COUNT	PLATED
⌖	0.012	1502	YES
○	0.02	20	YES
□	0.032	4	YES
◇	0.04	75	YES
⧗	0.042	4	YES
⌑	0.045	22	YES
△	0.07	10	YES
+	0.079	10	NO
×	0.106	4	NO
✦	0.11	10	NO
⊕	0.12	4	NO



DETAIL 'A'

6 LAYER

10 100 OHM IMPEDANCE BETWEEN LAYERS 1(A) & 3(C) .007 WIDE TRACE

(THESE ARE MICRO-STRIP TRACES REFERENCING INTERNAL PLANES)

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
B		CHANGED MATERIAL TO FR4	8/15/00	G.S.		
A		REWORK BOARD	7/18/00	G.S.		
		ORIGINAL ISSUE				

LOS ALAMOS

LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

	SIGNATURE	DATE	GROUP
ORIGINATED	M. ECHAVE	01-04-00	NIS-4
DRAWN	G.SAEWERT	01-04-00	NIS-4
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			

CLASSIFICATION OF DRAWING: UNCL

PART: UNCL TITLE BLOCK: UNCL

TITLE

CLINK_RX
CHANNEL LINK
DETAIL

.X= +/-____ 0.XX= +/-____ ANGULAR= +/-____
0.X= +/-____ 0.XXX= +/-____ FINISH= +/-____

SCALE	TOTAL SHEETS	DRAWING NO.	SHEET SIZE	NO.
2/1		10Y-226430		DD12