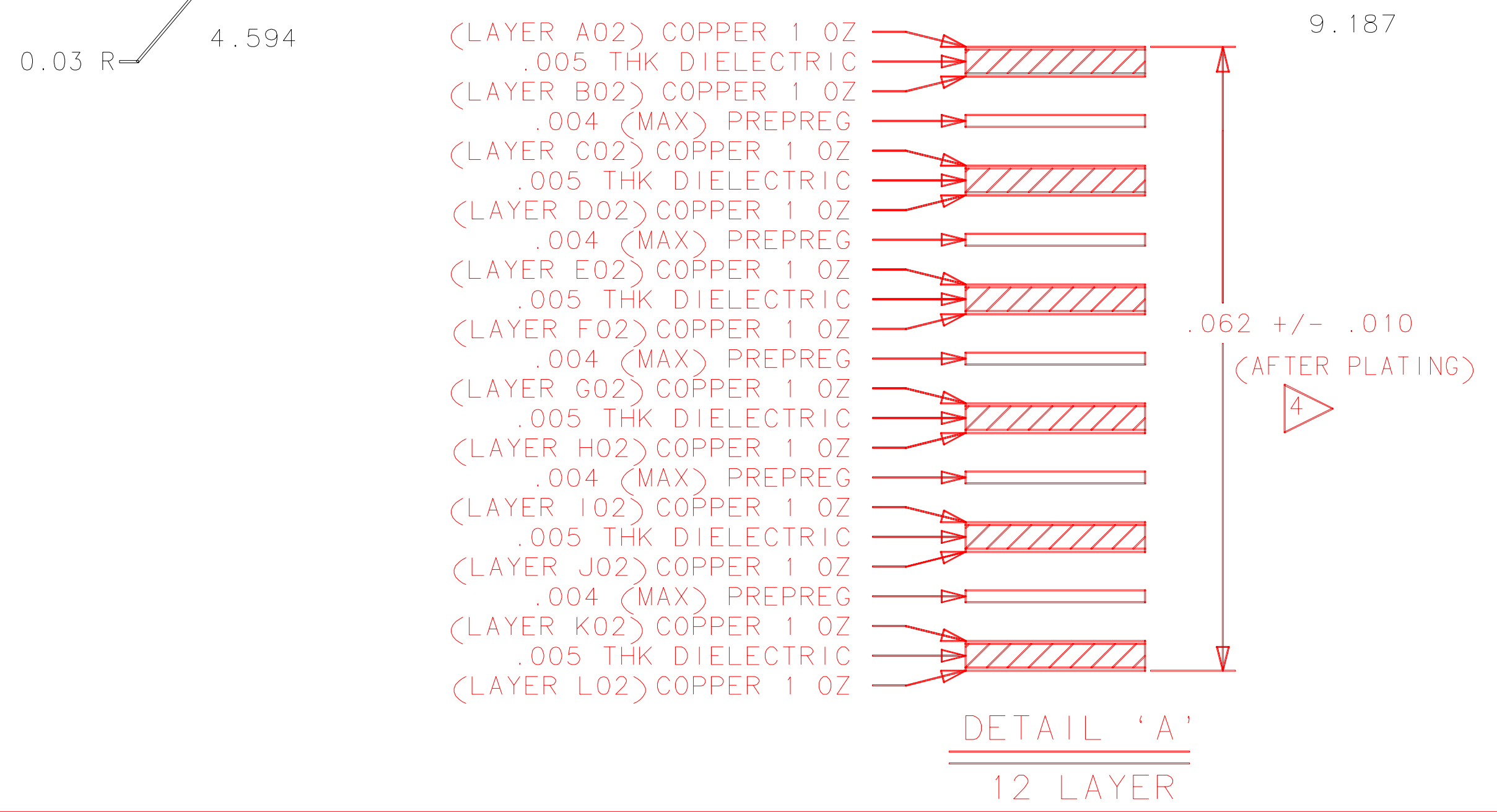


ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 M1 - M14	REF	ARTWORK

- NOTES: UNLESS OTHERWISE SPECIFIED
- FABRICATE PRINTED WIRING BOARD PER IPC-4101.
  - 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.
  - PREPREG: FINISHED BOARDS SHALL HAVE A MINIMUM OF .0035 INCH OF PREPREG MATERIAL BETWEEN CONDUCTIVE LAYERS.
  - 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.
  - TIN-LEAD PLATE PER QQ-S-571 TO A MINIMUM THICKNESS OF .0001 ON EXTERNAL LAYERS AND ALL HOLES.
  - ANNULAR RING: A MINIMUM OF .002 INCH IS REQUIRED ON ALL EXTERNAL LAYERS AND .001 INCH ON INTERNAL LAYERS.
  - SEE DETAIL 'A' FOR BOARD CROSS SECTION.
  - FOR DRILL SIZES AND COORDINATES SEE CROC NC.
  - ETCHBACK: THE MAXIMUM ALLOWABLE IS .003 INCH.

DRILL SYMBOL	DRILL SIZE	COUNT	PLATED
◆	0.01	1436	YES
○	0.012	1	YES
□	0.022	83	YES
◇	0.028	196	YES
⊗	0.03	201	YES
⊕	0.032	96	YES
△	0.047	2	YES
+	0.059	16	NO
×	0.08	8	NO
⊕	0.094	2	NO
⊕	0.11	2	NO



B	REDESIGNED	3-7-00	G.S.		
A	REDESIGNED	11-9-99	G.S.		
ORIGINAL ISSUE					
REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY APPROVED BY
LOS ALAMOS			CLASSIFICATION OF DRAWING: UNCL		
LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO 87545			PART: UNCL TITLE BLOCK: UNCL		
TITLE			CROC CATHODE READOUT DETAIL		
ORIGINATED	SIGNATURE	DATE	GROUP		
DRAWN	G.R.	4/28/99	NIS-4	.X= +/- .000 0.XX= +/- .000 ANGULAR= +/- .000	
CHECKED				0.X= +/- .000 0.XXX= +/- .000 FINISH= +/- .000	
PROJ. ENGR.				SCALE TOTAL SHEETS DRAWING NO. SHEET NO.	
APPROVED				2/1 10Y-226430 D3	
RELEASED					