

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T-810-824-150.

52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP. IN TABLE A, THE SCHEMATIC, DRAWING, FIGURES, AND OPTIONS ARE EQUIVALENT TO THE T* DRAWING, FIGURES, WIRING, AND APPARATUS OPTIONS UNLESS OTHERWISE INDICATED. DATA IN () INDICATES WIRING ONLY.

53. FOR MOUNTING PLATE DRILLING DATA NOT APPARENT IN STOCKLIST, SEE MOUNTING PLATE DRILLING INFORMATION.

54. THE BACKPLANE CONN ARE USED ON J1C129A-1 AND J1C161A-1.

ISSUE NOTES (CONTINUED)

FIG. 12 CHGD, FIG. 12, 13, 15 28GA WIRE CHGD TO BARE. SL ITEM 1090 CHGD, ITEM 1091 ADDED PER OCW PT ISS 17.1 & 18.1.
 ORIG ISS: 06/27/79 CHANGE CLASS: D
 DRAFT: TPS ENGR: RWR SUPV: CERTIFIED: 03/20/87 ISSUE: 19

SL ITEM 1170 CHGD. IN GRAPHICS FIG. 12, 16 & 17 CHGD. PER OCW PT. ISSUES 19.4, 19.5 & 19.6.
 ORIG ISS: 06/27/79 CHANGE CLASS: M
 DRAFT: TPS ENGR: TPS SUPV: PCF CERTIFIED: 05/10/94 ISSUE: 20

GPS 1A,1B,1C,1D,10-13,2B,2C,20-22,3,7A & 8 RATED "DA" WITH THIS ISSUE.
 ORIG ISS: 06/27/79 CHANGE CLASS: M
 DRAFT: TPS ENGR: TPS SUPV: CDH CERTIFIED: 05/24/99 ISSUE: 21

ISSUE NOTES

IN SL ITEM 1300 ADDED. ITEM 1180 QTY READ '7'. ITEM 1260 IDENT READ '400665683' FIG 2, 17-20 CHGD. 3RD AND 4TH SENTENCE ADDED TO NOTE 52.
 ORIG ISS: 06/27/79 CHANGE CLASS: B
 DRAFT: GES ENGR: JRG SUPV: VAULT: 11/21/83 ISSUE: 13

GROUPS 1A,1B,1C,1D ADDED PER CN5952IH. FIG. 14,15,17,20,21,22,23 CHGD & SL ITEM 1300 RMVD PER POINT ISSUES 12.3,13.2,13.3,13.4,13.5. SL ITEM 1260 IDENT READ 400657979 PER POINT ISSUE 13.5.
 CN5952IH
 ORIG ISS: 06/27/79 CHANGE CLASS: A
 DRAFT: GES ENGR: JRG SUPV: VAULT: 07/30/84 ISSUE: 14

SL ITEM 1095 GR READ '6'. FIG. 19 JUMPER WIRE WAS SHOWN CONNECTED TO TERM BH.
 CN6612.1IH
 ORIG ISS: 06/27/79 CHANGE CLASS: A
 DRAFT: GES ENGR: JRG SUPV: VAULT: 08/28/84 ISSUE: 15

GROUPS 1A,1B,1C,1D ADDED TO TABLE A PER CN5952.1IH. POINT CHANGES 13.6 & 14.1 ADDED.
 CN5952.1IH
 ORIG ISS: 06/27/79 CHANGE CLASS: A
 DRAFT: GES ENGR: JRG SUPV: VAULT: 11/19/84 ISSUE: 16

FIG. 5,6,16,17,19,20,24 CHGD PER POINT ISSUE 16.1,16.2,16.3. SL ITEM 1030 IDENT READ 402333074.
 ORIG ISS: 06/27/79 CHANGE CLASS: B
 DRAFT: GES ENGR: JRG SUPV: VAULT: 07/05/85 ISSUE: 17

 * DRAWING CONVERTED FROM SEDBS TO MDS COMPUTER SYSTEMS. *
 * THIS IS A MACHINE COPY OF THE LATEST SEDBS CERTIFIED ISSUE *
 * AND MAY CONTAIN MINOR DIFFERENCES. THE TABLE OF ASSOCIATED *
 * DRAWINGS WAS ELIMINATED DURING MIGRATION TO ASSIST THE *
 * SCRUBBING OF PROPRIETARY INFORMATION. *

SL ITEMS 'OR EQUIV.' REMOVED. CHG ITEMS 1170 & 1295. NOTE 15 ADDED. DRAWING RATING READ 'STANDARD'. ORIGINAL SEDBS CERTIFICATION DATE OF THIS ISSUE IS 11/28/85.
 CN0086CU
 ORIG ISS: 06/27/79 CHANGE CLASS: AC
 DRAFT: GES ENGR: KPN SUPV: CERTIFIED: 10/08/86 ISSUE: 18

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ISSUE										
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RN98	
COMMON SYSTEMS BACKPLANE CONNECTOR ASSEMBLY	
DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC	ED4C222-30
SHEET OF	A1 12

TABLE A-FEATURES												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS.			1									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	1A									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	1B									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	1C									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	1D									
ASSEMBLY, WIRING, AND EQUIPMENT FOR BACKPLANE CONNECTORS.		MD	2A									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	2B									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	2C									
ASSEMBLY, WIRING, AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	3 THRU 6									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTORS. DA EFF:05/31/99 FE/RA:NONE		DA	7A									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	8									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.		MD	9									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	10									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	11									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	12									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	13									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			14									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			15									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			16									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			17									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			18									
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR.			19									

TABLE-A CONTINUED

ED4C222-30

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	20		ED4C271-35	G53						
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	21		ED4C271-36	G10						
ASSEMBLY, WIRING AND EQUIPMENT FOR BACKPLANE CONNECTOR. DA EFF:05/31/99 FE/RA:NONE		DA	22		ED4C271-36	G10A						

END OF TABLE-A

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RN98

COMMON SYSTEMS
BACKPLANE CONNECTOR ASSEMBLY

DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC ED4C222-30

SHEET OF A2 12

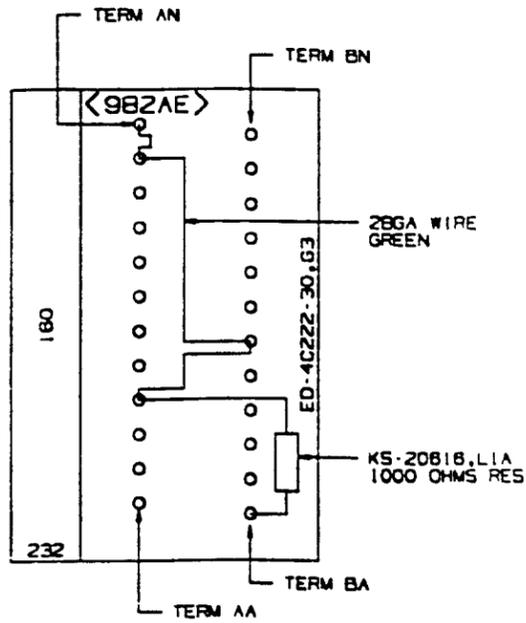


FIG. 1
GROUP 3

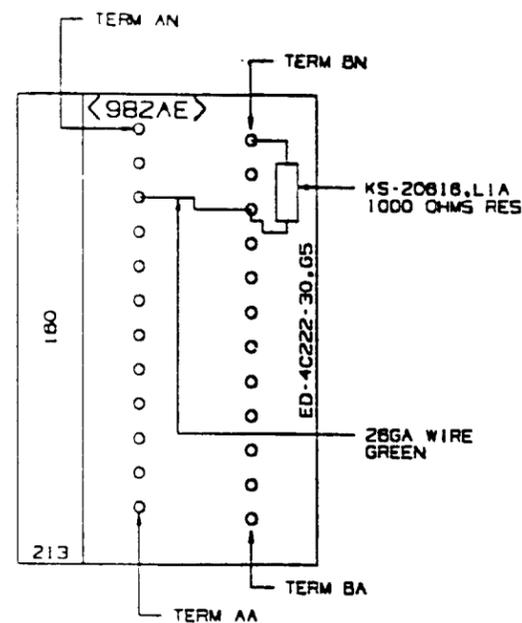


FIG. 3
GROUP 5

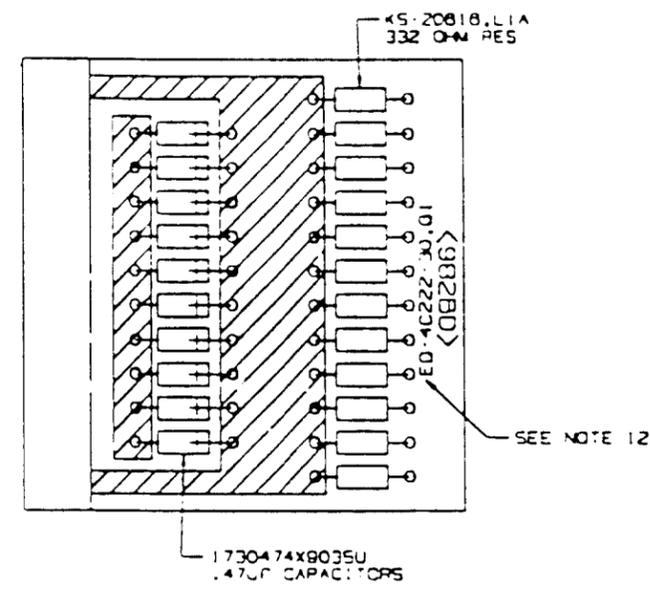


FIG. 5
GROUP 1
CODED SIDE

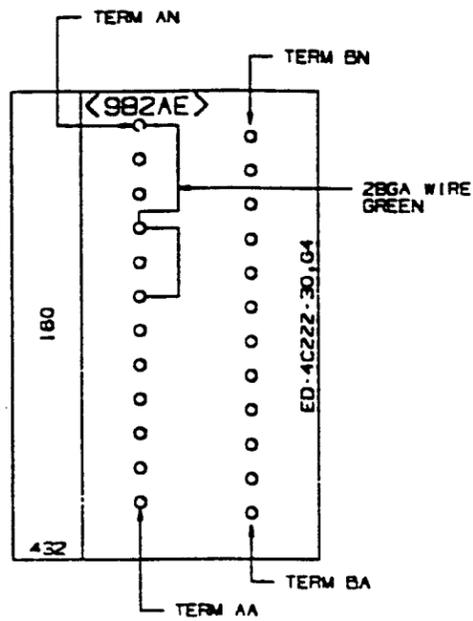


FIG. 2
GROUP 4

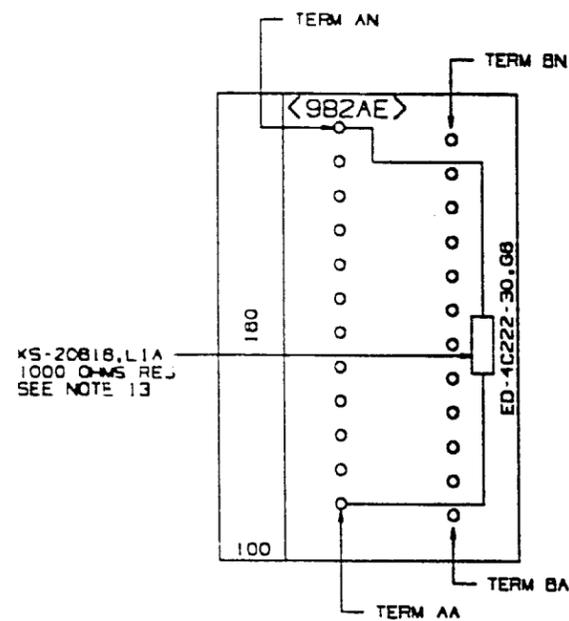


FIG. 4
GROUP 6

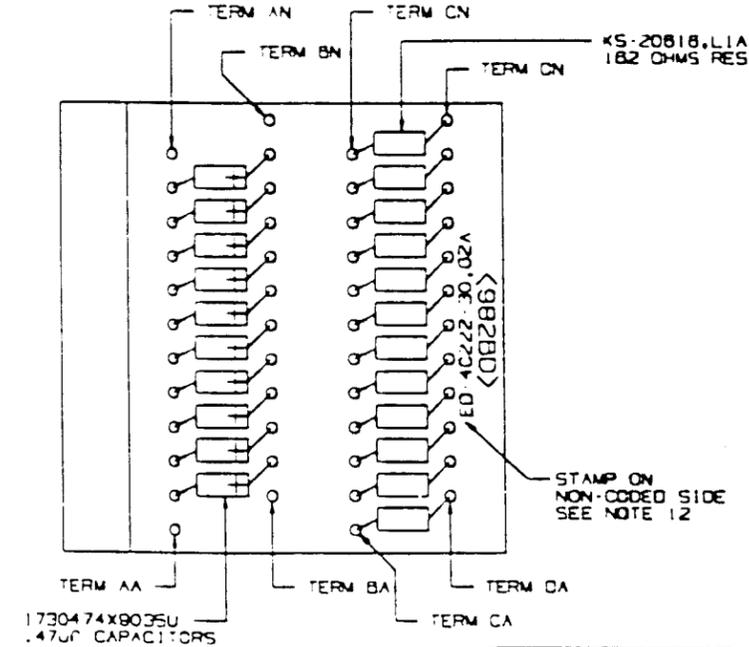


FIG. 6 IMFR DISC:
GROUP 2A

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BACKPLANE CONNECTOR ASSEMBLY		DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC		ED-4C222-30	SHEET C1

SHEET INDEX	ISSUE								
	SH NO.								
	ISSUE								
	SH NO.								
	ISSUE	21	21	21	21	21	21	21	21
	SH NO.	C1	C2	C3	C4	C5	C6	C7	C8

ED-4C222-30

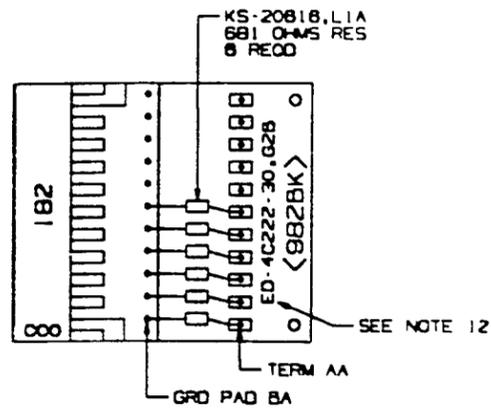


FIG. 7
GROUP 2B

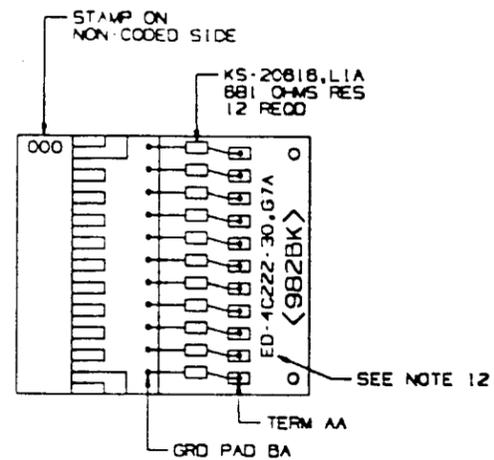


FIG. 8
GROUP 7A

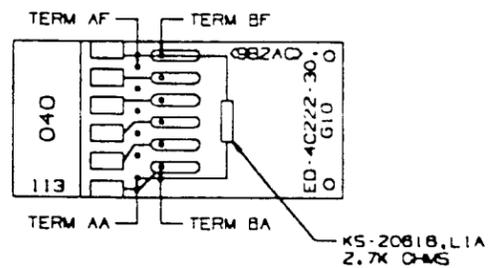


FIG. 11
GROUP 10

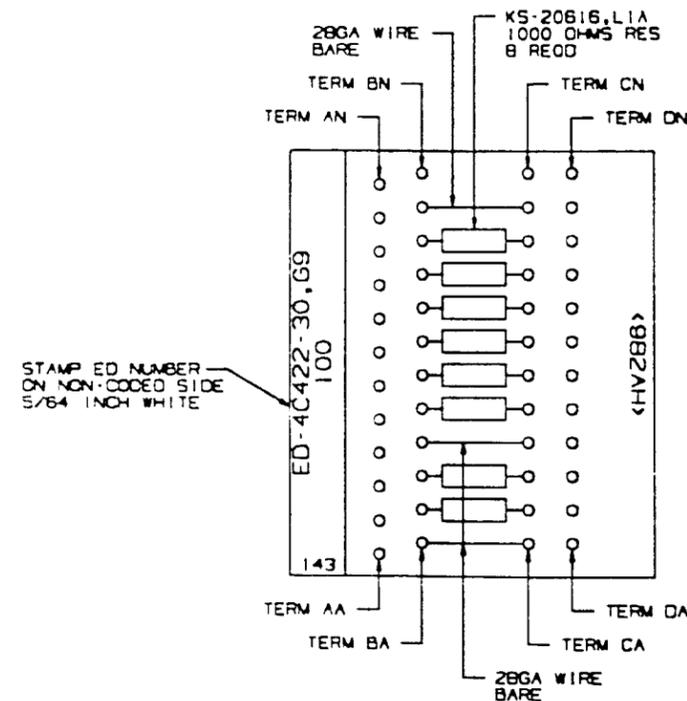


FIG. 10 (MD)
(GROUP 9)

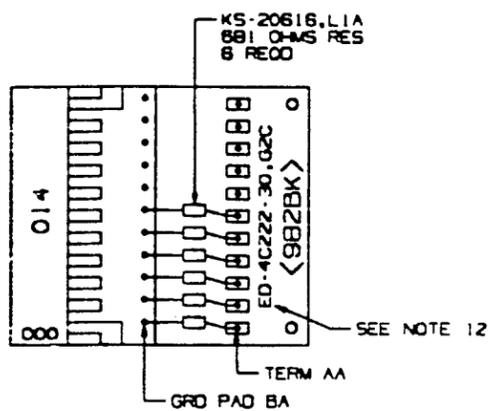


FIG. 7A
GROUP 2C

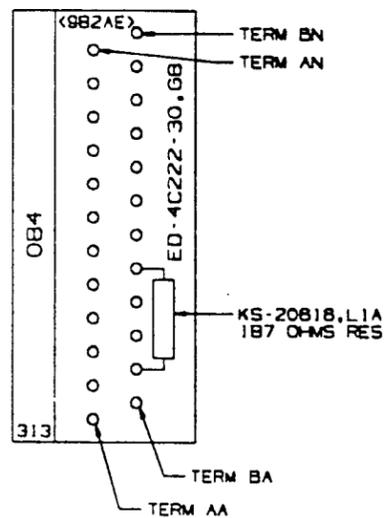


FIG. 9
(GROUP 8)

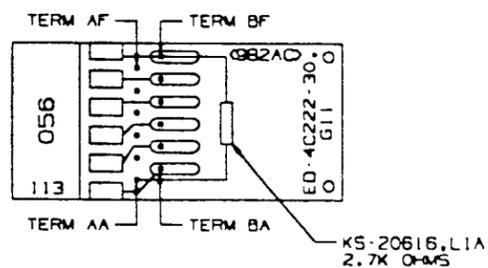


FIG. 12
GROUP 11

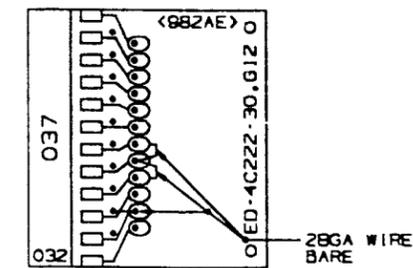
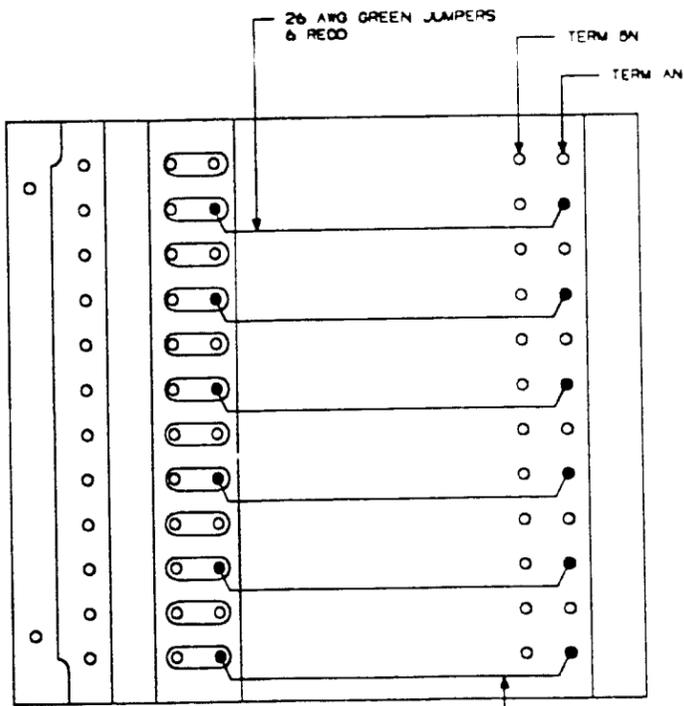
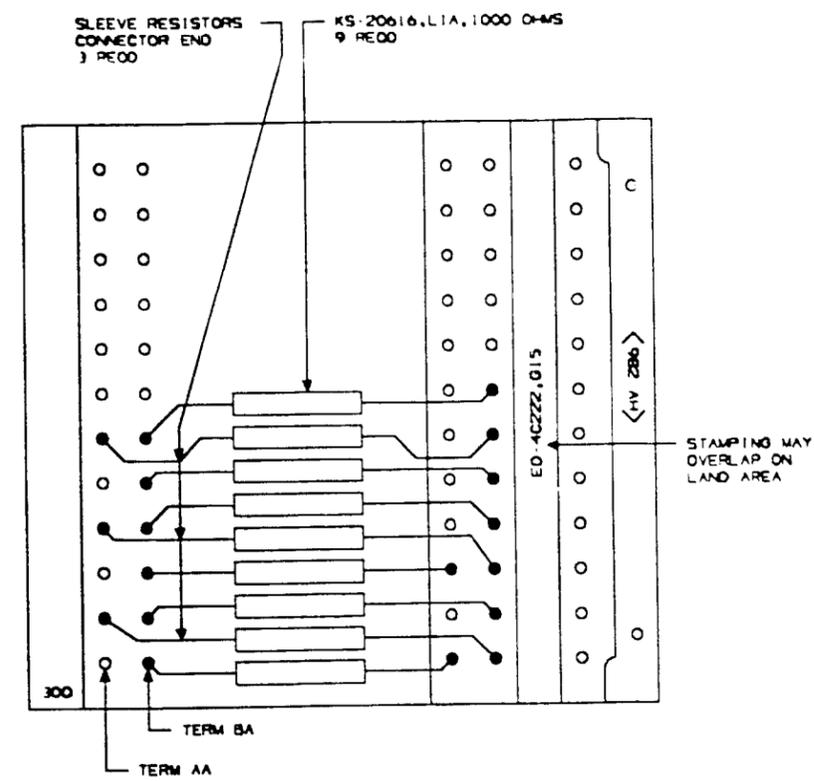


FIG. 13
GROUP 12

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BACKPLANE CONNECTOR ASSEMBLY		
DWG SIZE C2	ISSUE 21	
LUCENT TECHNOLOGIES INC	ED-4C222-30	SHEET C2

ED-4C222-30



GROUP 15

FIG. 16

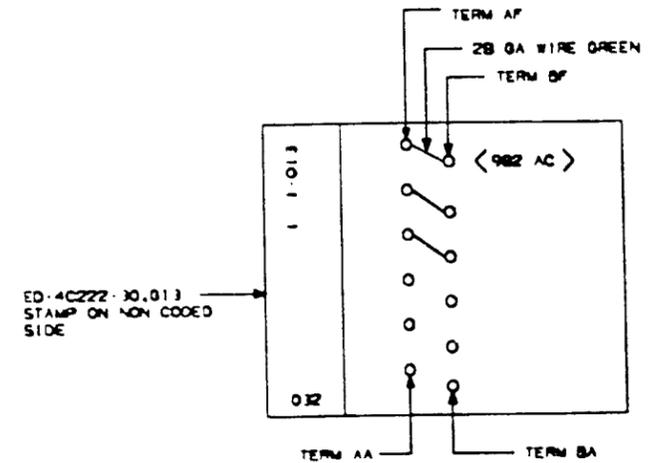
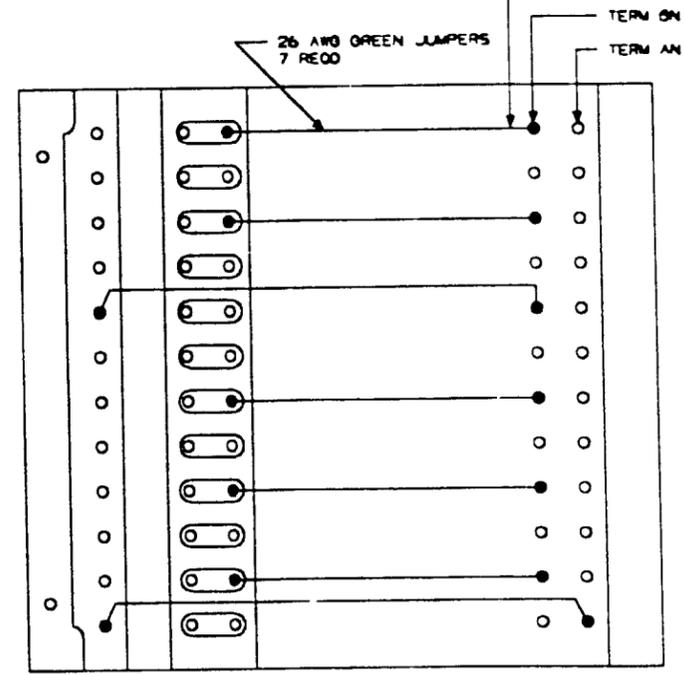
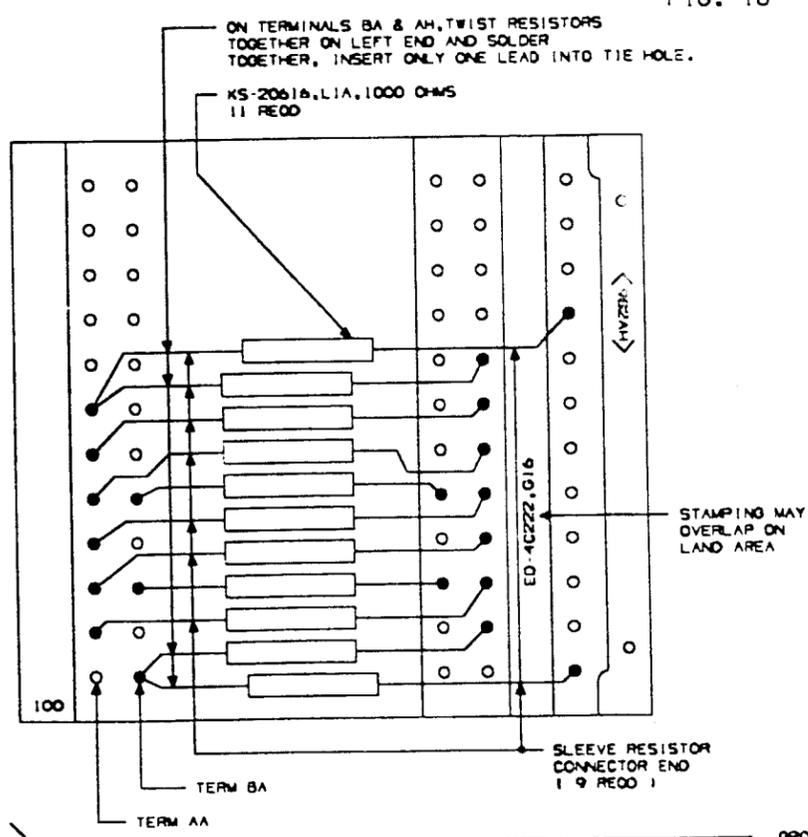


FIG. 14
GROUP 13



GROUP 16
FIG. 17

WIRE ON OPPOSITE SIDE (SEE NOTE 14)

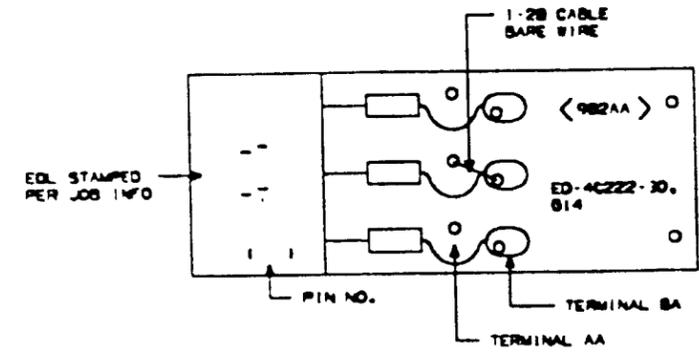


FIG. 15
ED-4C222-30.014

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BACKPLANE CONNECTOR ASSEMBLY	DWG SIZE	ISSUE
	C2	21
LUCENT TECHNOLOGIES INC	ED-4C222-30	SHEET C3

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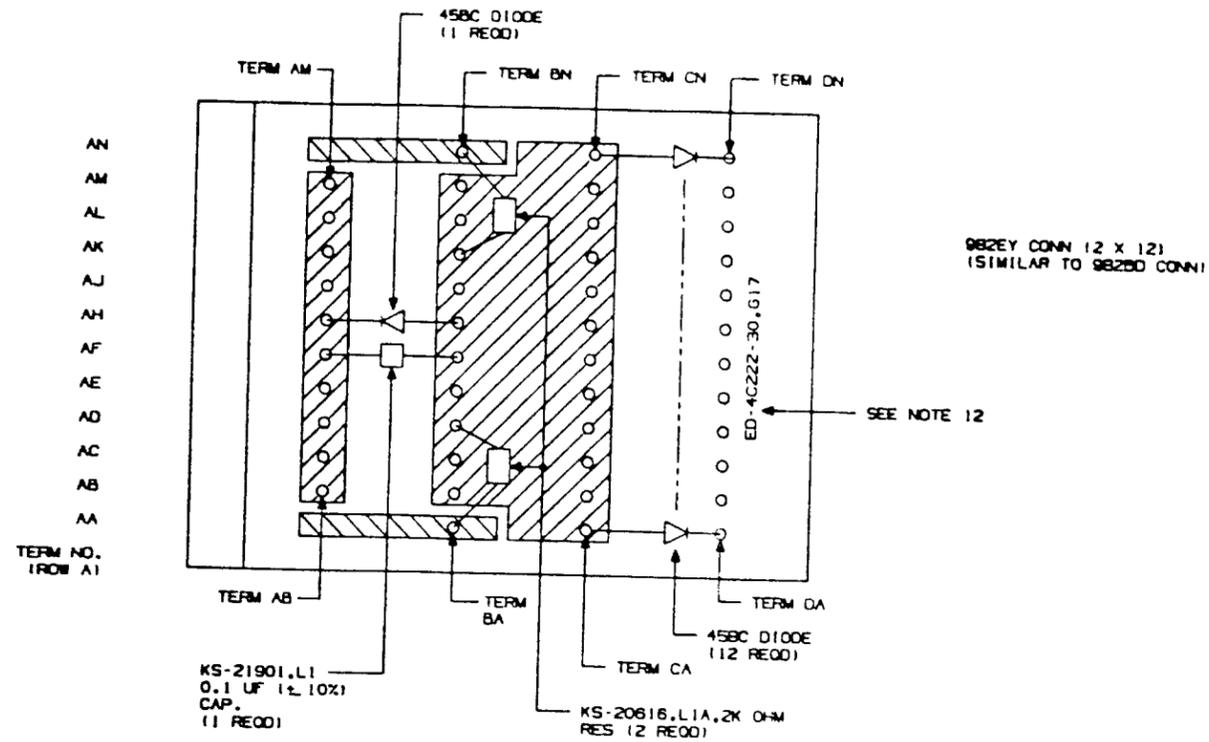


FIG. 18
GROUP 17
MOUNT COMPONENTS
ON CODED SIDE

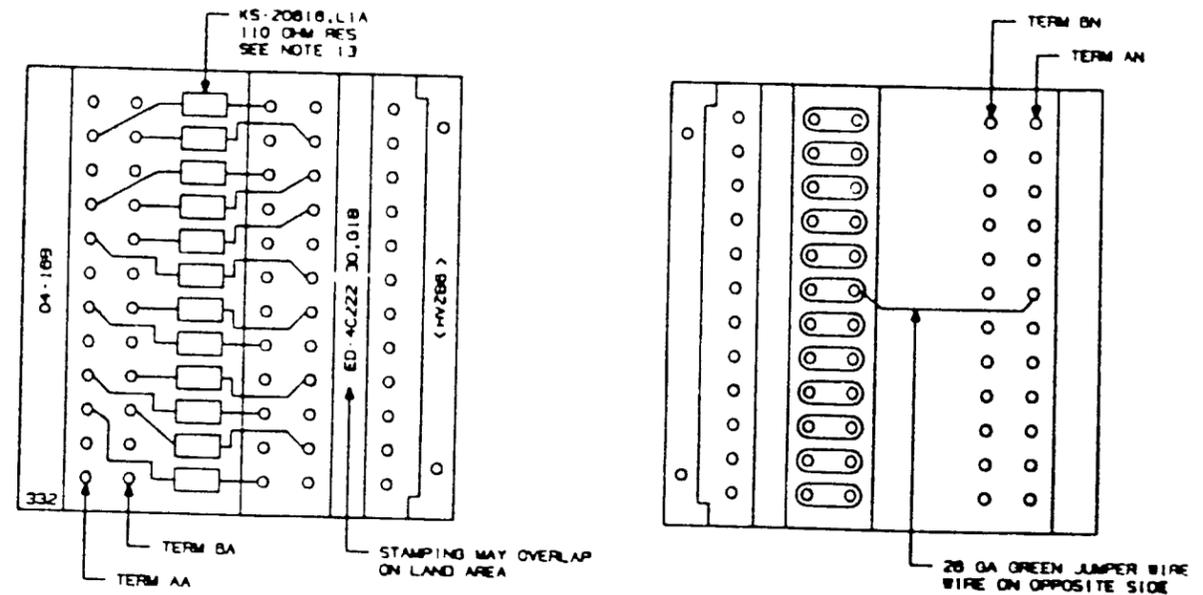


FIG. 19
GROUP 18

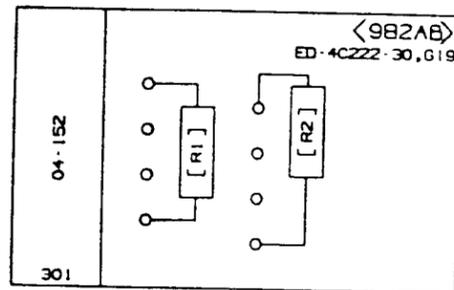
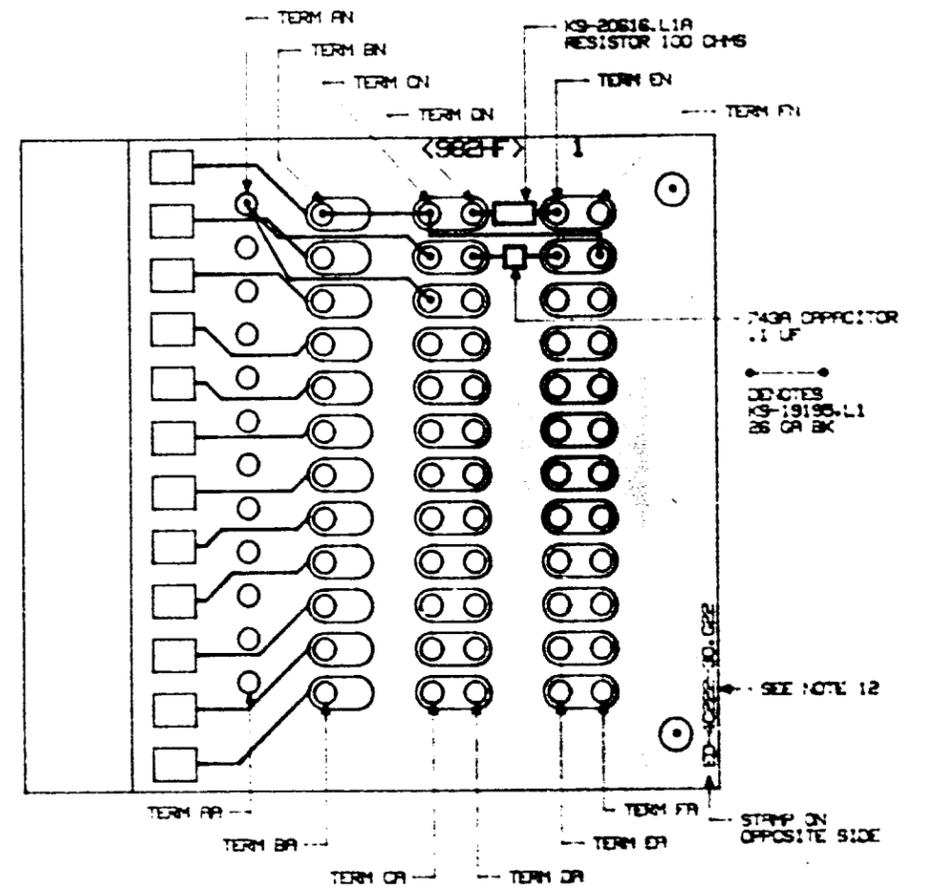
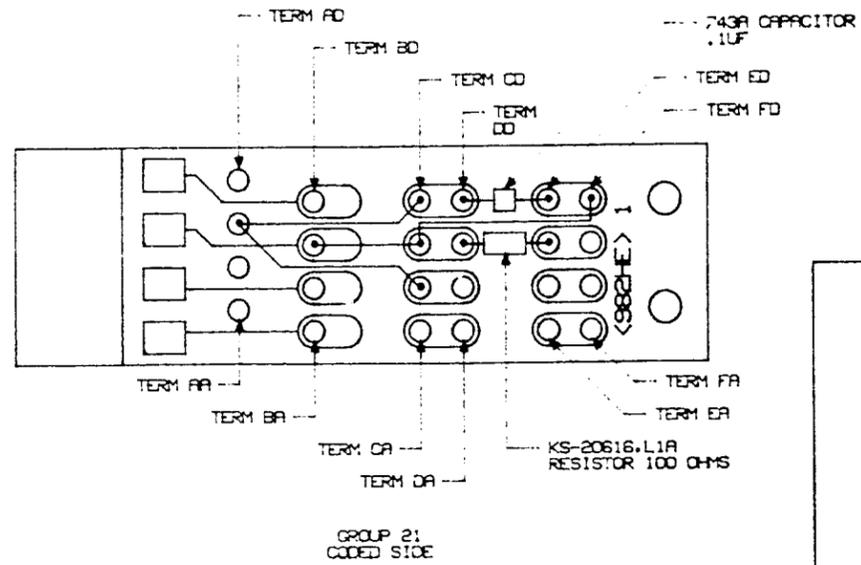
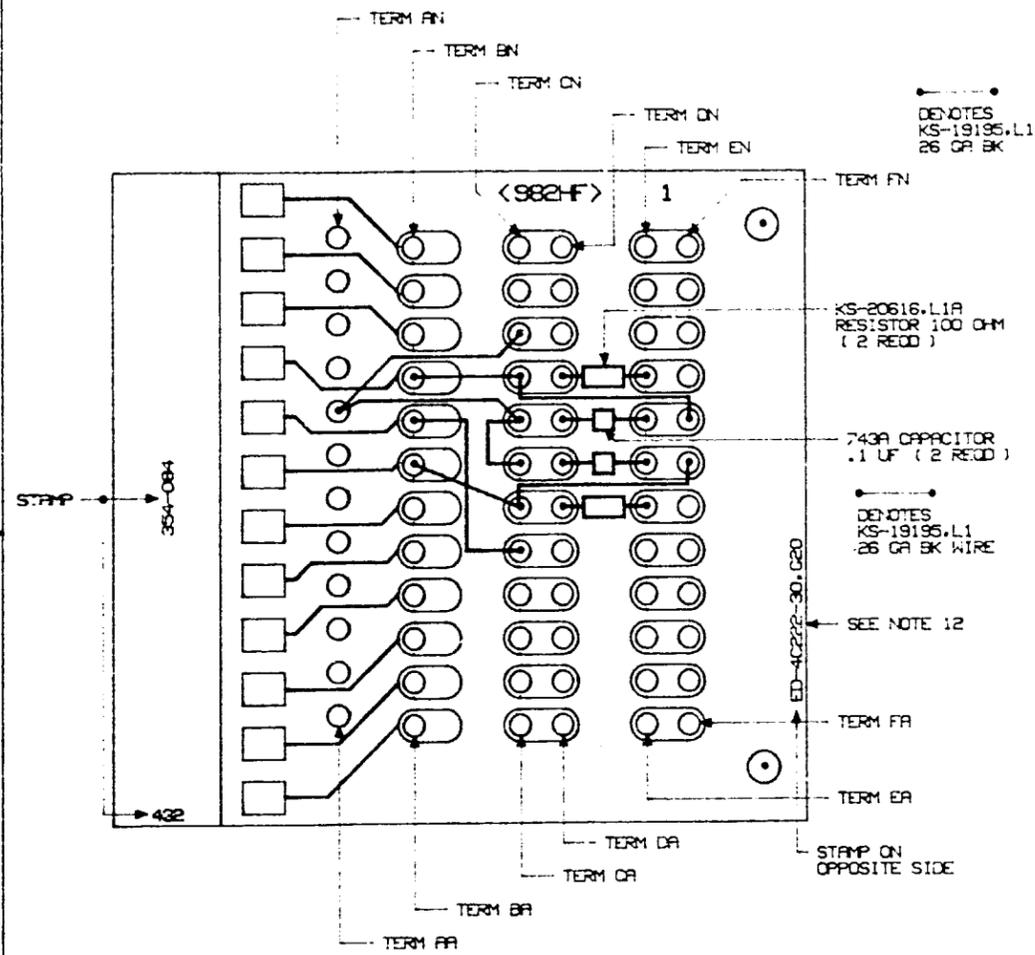


FIG. 20
GROUP 19
CODED SIDE

SEE PROPRIETARY NOTICE ON SHEET ONE		
BACKPLANE CONNECTOR ASSEMBLY		
DRG SIZE	ISSUE	
C2	21	
LUCENT TECHNOLOGIES INC ED-4C222-30		C4



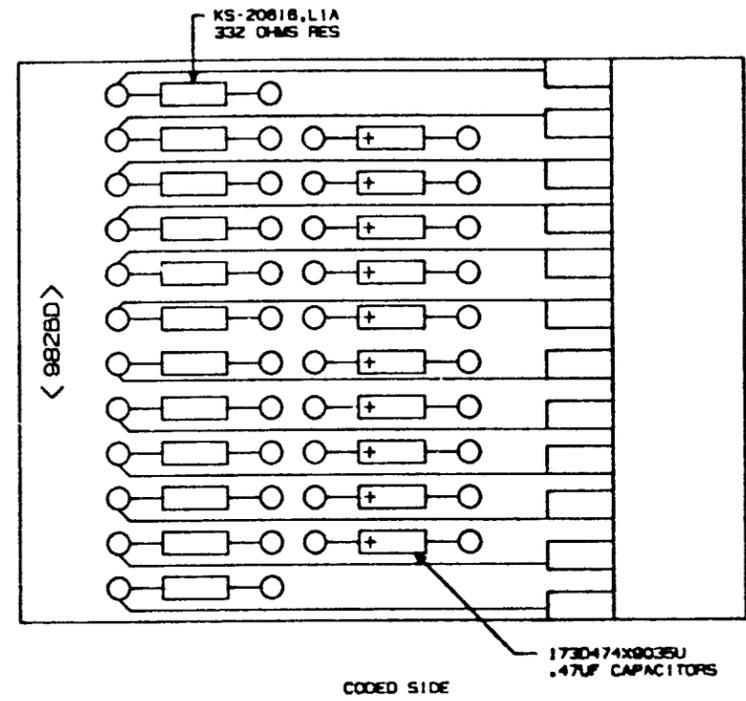
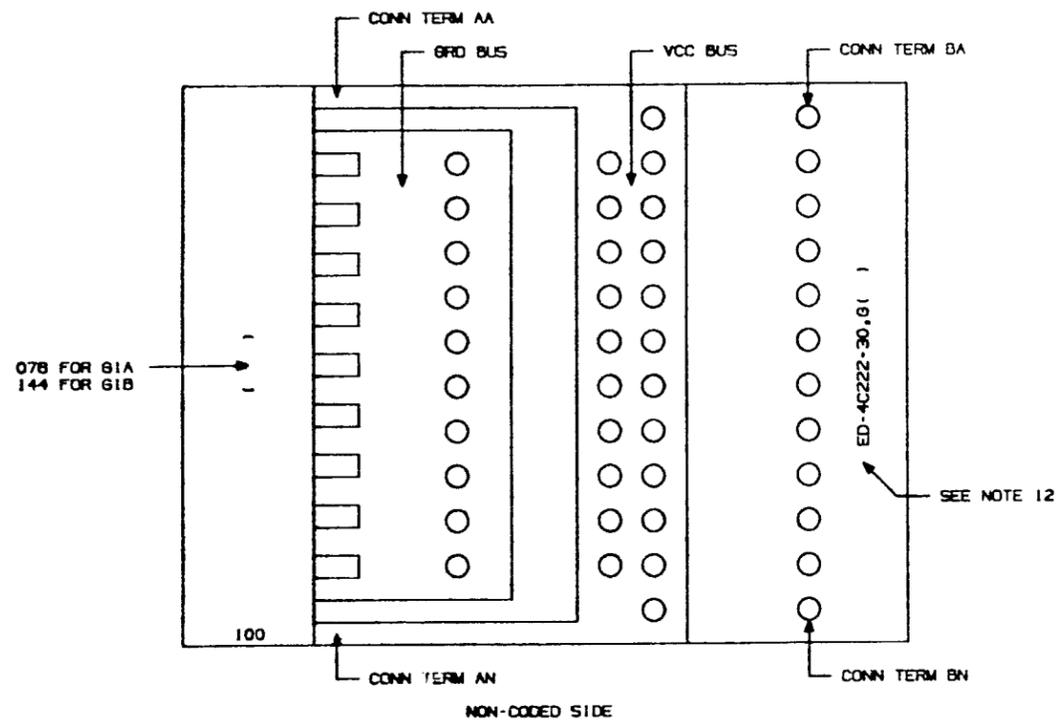


FIG. 24
GROUP 1A, 1B

SEE PROPRIETARY NOTICE ON SHEET ONE		
BACKPLANE CONNECTOR ASSEMBLY	DRG SIZE	ISSUE
	C2	21
LUCENT TECHNOLOGIES INC	ED-4C222-30	SHEET C6

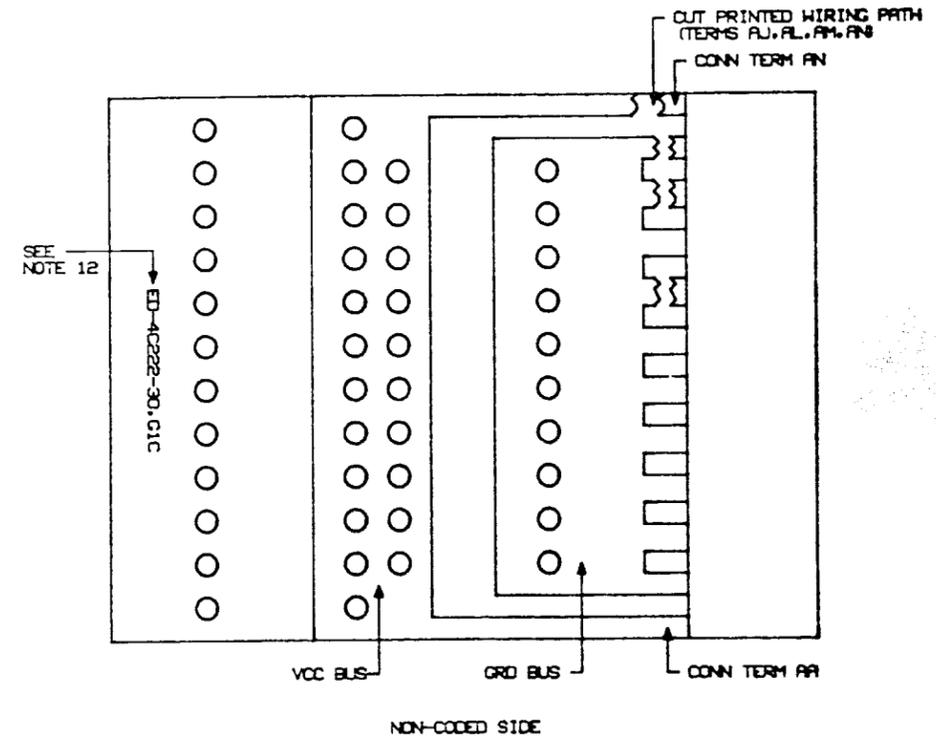
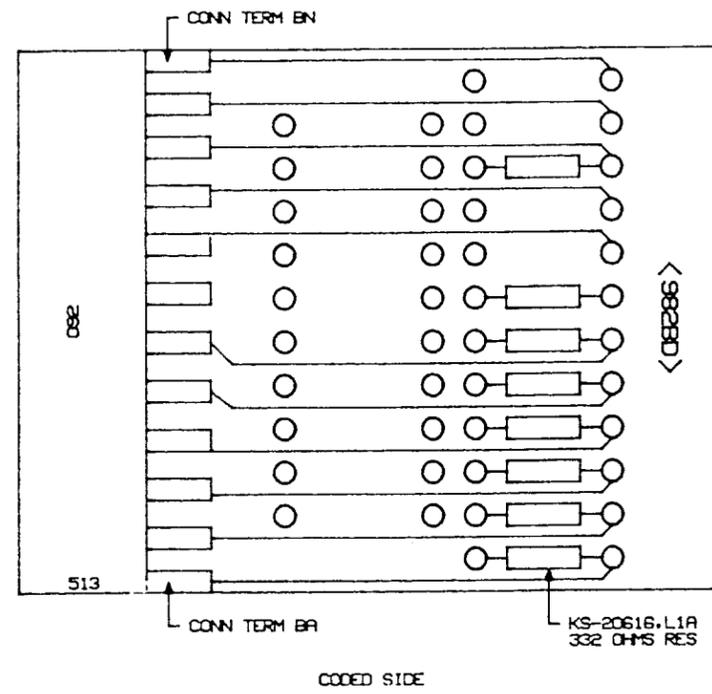


FIG. 25
GROUPS 1C

SEE PROPRIETARY NOTICE ON SHEET ONE		
BROCADE CONNECTOR ASSEMBLY	DWG SIZE	ISSUE
	C2	21
LUCENT TECHNOLOGIES INC	ED-4C222-30	SHEET 7

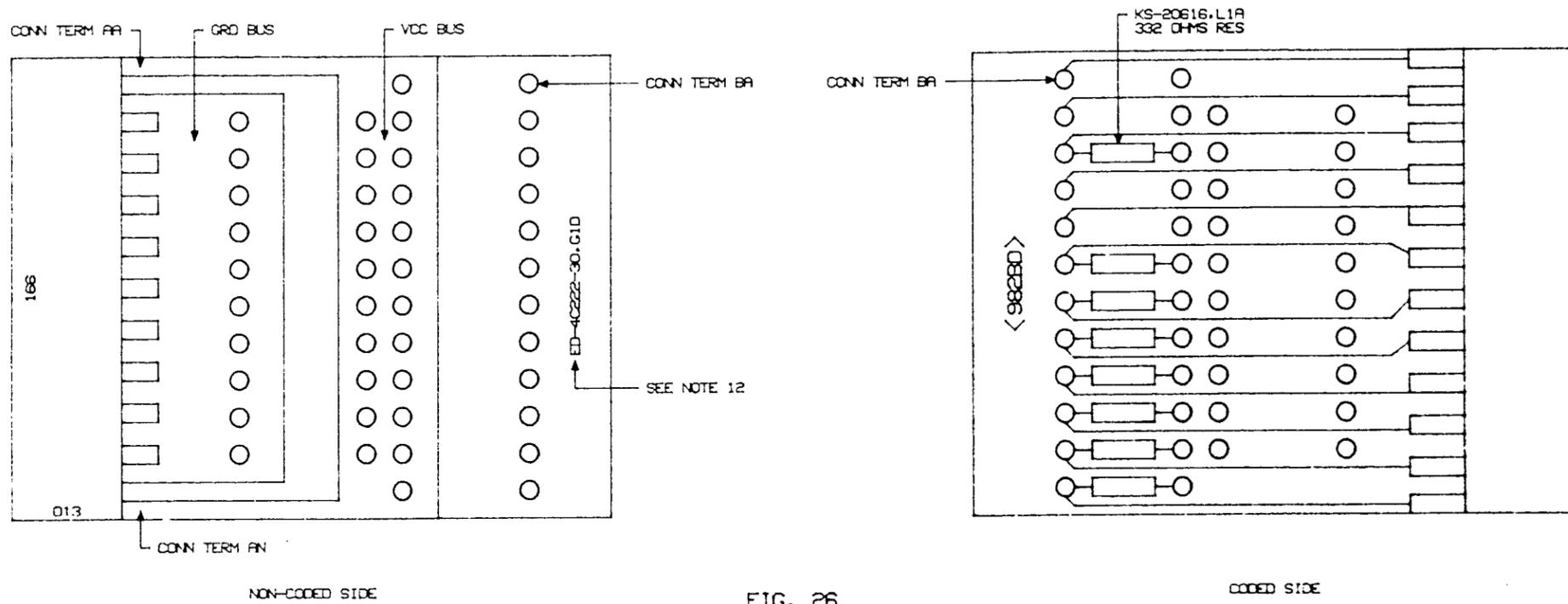


FIG. 26
GROUP 10

SEE PROPRIETARY NOTICE ON SHEET ONE		
BROADBAND CONNECTOR ASSEMBLY	310 SIZE	ISSUE
	02	21
LUCENT TECHNOLOGIES INC	ED-4C222-30	SHEET 08

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	1,1A,1B,1C,1D,2A	1	103126686	982BD	CONNECTOR			
1020	1,1A,1B	12	400732905	KS20616L1A	RESISTOR 332 OHM			
1030	1,1A,1B,2A	10	403933930		CAPACITOR .47 UF #173D474X9035U SPRAGUE ELECTRIC CO.			
1040	1C,1D	8	400732905	KS20616L1A	RESISTOR 332 OHM			
1050	2A	12	400713830	KS20616L1A	RESISTOR 162 OHM			
1070	3,4,5,6,8,12	1	103125373	982AE	CONNECTOR, ELECTRICAL			
1080	3,5,6	1	400599551	KS20616L1A	RESISTOR 1000 OHM			
1090	3,4,5,13	A/R	401675368	KS21336L1	WIRE 28GA SOLID G			
1091	9,12,14	A/R	842708281		WIRE 28GA BARE			
1095	6,18	A/R	995523586		TUBING, CLEAR #3002 3M CO.			13
1100	2B,2C,7A	1	103151908	982BK	CONNECTOR			
1105	2B,2C	6	400534194	KS20616L1A	RESISTOR 681 OHM			
1110	7A	12	400534194	KS20616L1A	RESISTOR 681 OHM			
1115	8	1	400732756	KS20616L1A	RESISTOR 187 OHM			
1120	9	1	103125407	982AH	CONNECTOR			
1125	9	8	400599551	KS20616L1A	RESISTOR 1000 OHM			
1130	10	1	103125357	982AC	CONNECTOR, BACKPLANE			
1135	10	1	401247291	KS20616L1A	RESISTOR 2700 OHM			
1140	11	1	103125357	982AC	CONNECTOR, BACKPLANE			
1145	11	1	401247291	KS20616L1A	RESISTOR 2700 OHM			
1146	13	1	103125357	982AC	CONNECTOR, BACKPLANE			
1147	14	1	103125332	982AA	CONNECTOR, BACKPLANE			
1150	15	1	103125407	982AH	CONNECTOR			
1155	15	9	400599551	KS20616L1A	RESISTOR 1000 OHM			
1160	16,18	1	103125407	982AH	CONNECTOR			
1165	16	11	400599551	KS20616L1A	RESISTOR 1000 OHM			
1170	15,16,18	A/R	843743121		WIRE 26GA DP 3 G			
1175	15	3	995523586		TUBING, CLEAR #3002 3M CO.			13
1180	16	9	995523586		TUBING, CLEAR #3002 3M CO.			13
1200	17	1	401886155	KS21901L1	CAPACITOR .1 UF			
1210	17	2	400672267	KS20616L1A	RESISTOR 2000 OHM			
1220	17	13	100174242	458C	DIODE			
1230	17	1	103759122	982EY	CONNECTOR			
1240	18	12	400695011	KS20616L1A	RESISTOR 110 OHM			
1250	19	1	103125340	982AB	CONNECTOR			
1260	19	2	400665683	KS20616L1A	RESISTOR 221 OHM			
1265	20,22	1	104013446	982HF	CONNECTOR			
1270	20	2	400665634	KS20616L1A	RESISTOR 100 OHM			
1275	20	2	103062204	743A	CAPACITOR .1 UF			
1280	21	1	104013438	982HE	CONNECTOR			

STOCKLIST CONTINUED ON SHEET D2

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.
- X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.
- * PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.
- */ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.
- () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.
- { } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.
- < > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.
- "W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.
- "**" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.
- "S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.
- A/R AS REQUIRED.
- "B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.
- X 12. STAMP PER ED-4C249-10 UNLESS OTHERWISE SPECIFIED.
- X 13. SLEEVE PIGTAIL LEADS AS REQ'D WITH NO.16 CLEAR SLEEVING PROVIDED IN STOCKLIST.
- X 14. ALL GROUPS, WIRING AND COMPONENTS ARE TO BE MOUNTED ON THE CODED SIDE OF THE CONNECTOR.
15. ALL COMPONENTS AND ALL EQUIVALENT SUBSTITUTES MUST MEET UL STANDARDS PER ED-4C657-10.

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STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1285	21,22	1	400665634	KS20616L1A	RESISTOR 100 OHM			
1290	21,22	1	103062204	743A	CAPACITOR .1 UF			
1295	20,21,22	A/R	403697519	KS22247L4	WIRE 26GA BK			

***** END OF STOCKLIST *****

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