

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
APPARATUS AND ASSEMBLY FOR ONE DOUBLE SIDED MULTILAYER PRINTED WIRING BOARD POWER AND GROUND. DA EFF:03/31/97 FE:ED5D814-30,L3		DA	2	1	ED5D814-30	2					
APPARATUS AND ASSEMBLY FOR ONE DOUBLE SIDED MULTILAYER PRINTED WIRING BOARD POWER AND GROUND. REPL:ED5D814-30,L2			3	1	ED5D814-30	2					
APPARATUS & ASSEMBLY REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE POWER TERMINALS. (SEE TABLE S).			A	1	ED5D814-30	A					
APPARATUS & ASSEMBLY REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE WIRING & CONNECTOR CONTACTS. (SEE TABLE R).			B	1	ED5D814-30	B					
END OF TABLE-A											

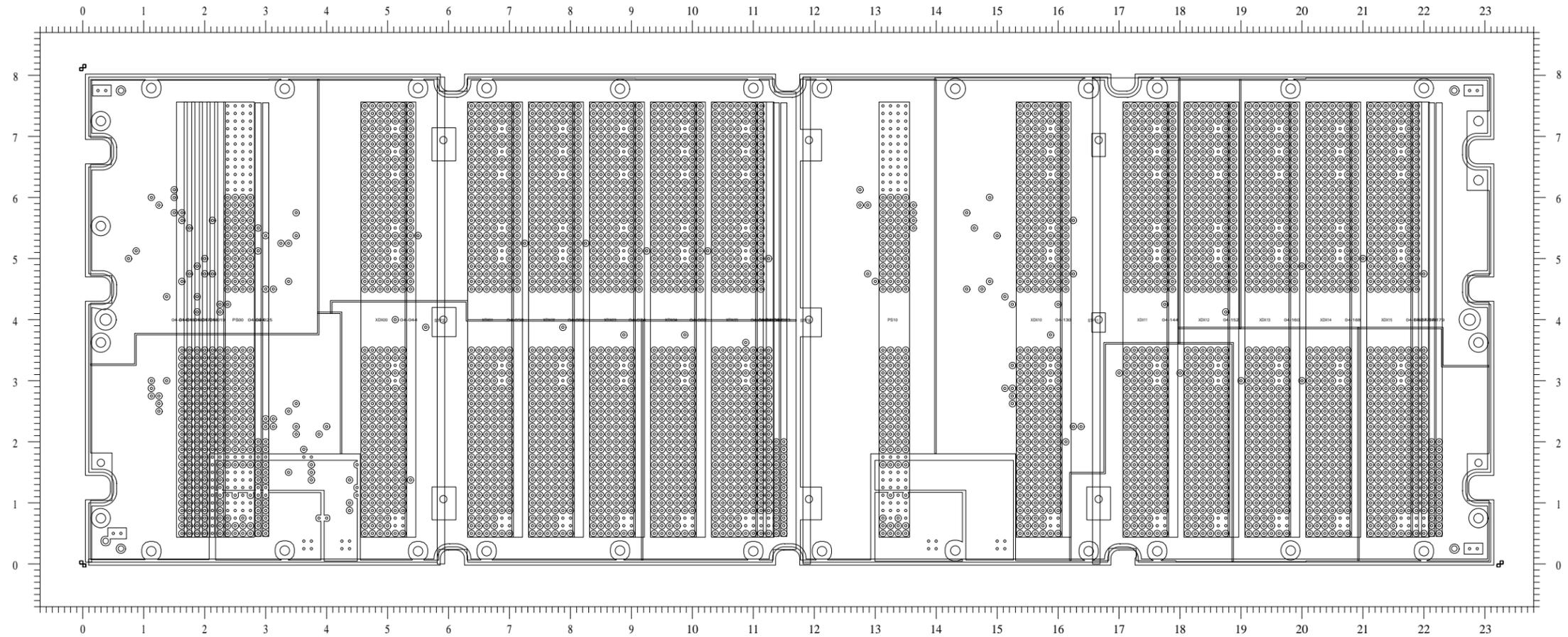
ISSUE NOTES				
INITIAL RELEASE OF THE TSIU4-2 (J5D003NB-2) FOR PRODUCTION.				
ORIG ISS: 10/17/96 NDD NBR: NDD5D003NW-655 CHANGE CLASS: ME				
DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 10/17/96	ISSUE: 1
RELEASED NEW VERSION OF BACKPLANE (ED5D814-30G3AB) UPPER SHELF, RESOLVES FACTORY DFM ISSUE.				
ORIG ISS: 10/17/96 NDD NBR: NDD5D003NW-762 CHANGE CLASS: ME				
DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 03/21/97	ISSUE: 2
UPDATE MANUFACTURING NOTE 6 TO INCLUDE NEW AM3 BACKPLANE PRODUCT COMCODE WITH GROUP 3AB.				
ORIG ISS: 10/17/96 NDD NBR: NDD5D003NW-901 CHANGE CLASS: ME				
DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 05/11/98	ISSUE: 3

SHEET INDEX											
SHT NBR	A1 THRU A1 ISSUE 3										
ISSUE											
SHT NBR	D1 THRU D2 ISSUE 3										
ISSUE											
SHT NBR	B1	B2	B3								
ISSUE	2	2	2								
SHT NBR											
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ED5D814-30

TABLE OF CONTENTS	
DESCRIPTION	SHT
SHEET INDEX	A1
ISSUE NOTES	A1
TABLE A	A1
B SECTION GRAPHICS	B1
MANUFACTURING NOTES	D1
STOCKLIST	D1
MISCELLANEOUS TABLES	D1

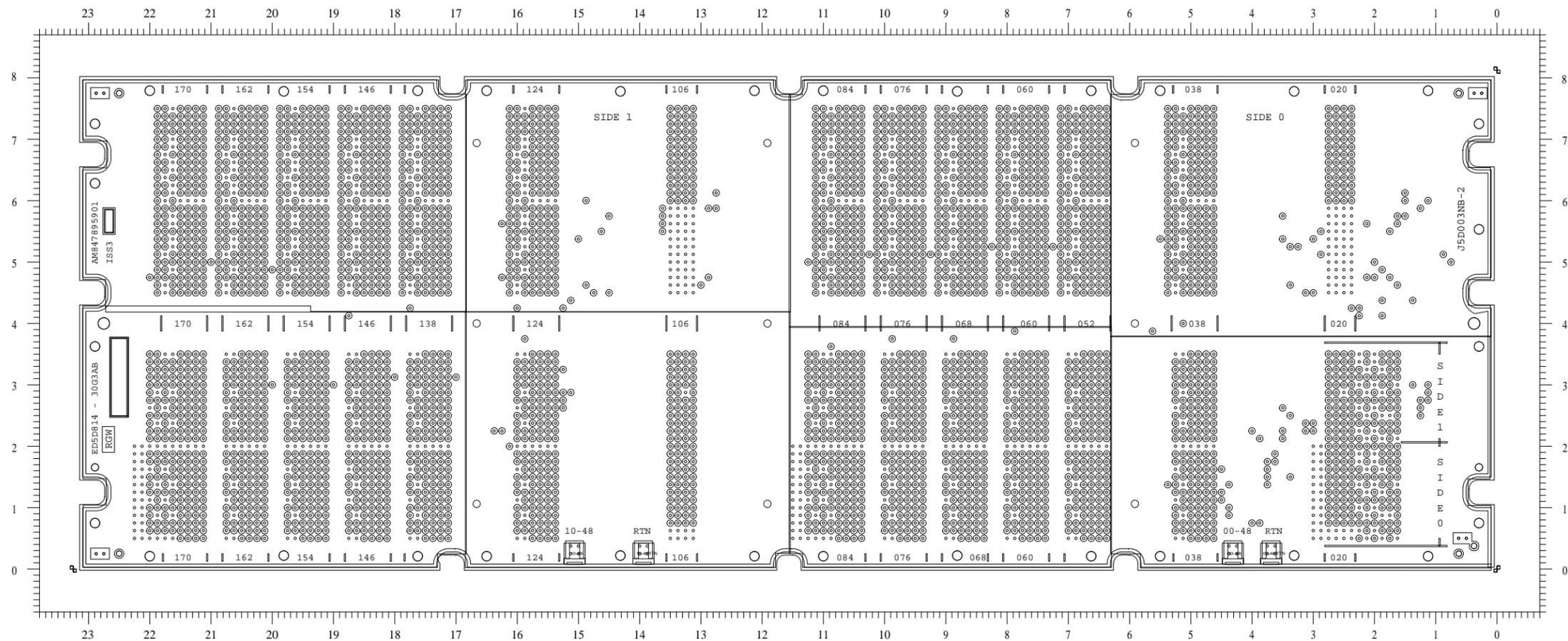
COPYRIGHT @ 1998 LUCENT TECHNOLOGIES ALL RIGHTS RESERVED			
REPLACES	J5D003NB-1	REPLACED BY	J5D003NB-2
		BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATIONS FOR TSIU4-2 MULTILAYER BACKPLANE (UPPER SHELF)			
DWG SIZE	C2	ISSUE	3
LUCENT TECHNOLOGIES INC		ED5D814-30	SHEET A1 OF 6



COMPONENT SIDE VIEW WITH COMPONENTS

LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS			
SESS SWITCHING EQUIPMENT SPECIFICATION FOR ONE DOUBLE-SIDED BACKPLANE PRINTED WIRING BOARD			SHEET
Lucent Technologies IX ED5D814-30			B1
			DWG ISSUE 2
			DWG SIZE C2

FOCUS-PRIME 3.0.0.25PRODUCTION CPCODE:ED5D814 AML:3 VINTAGE:1

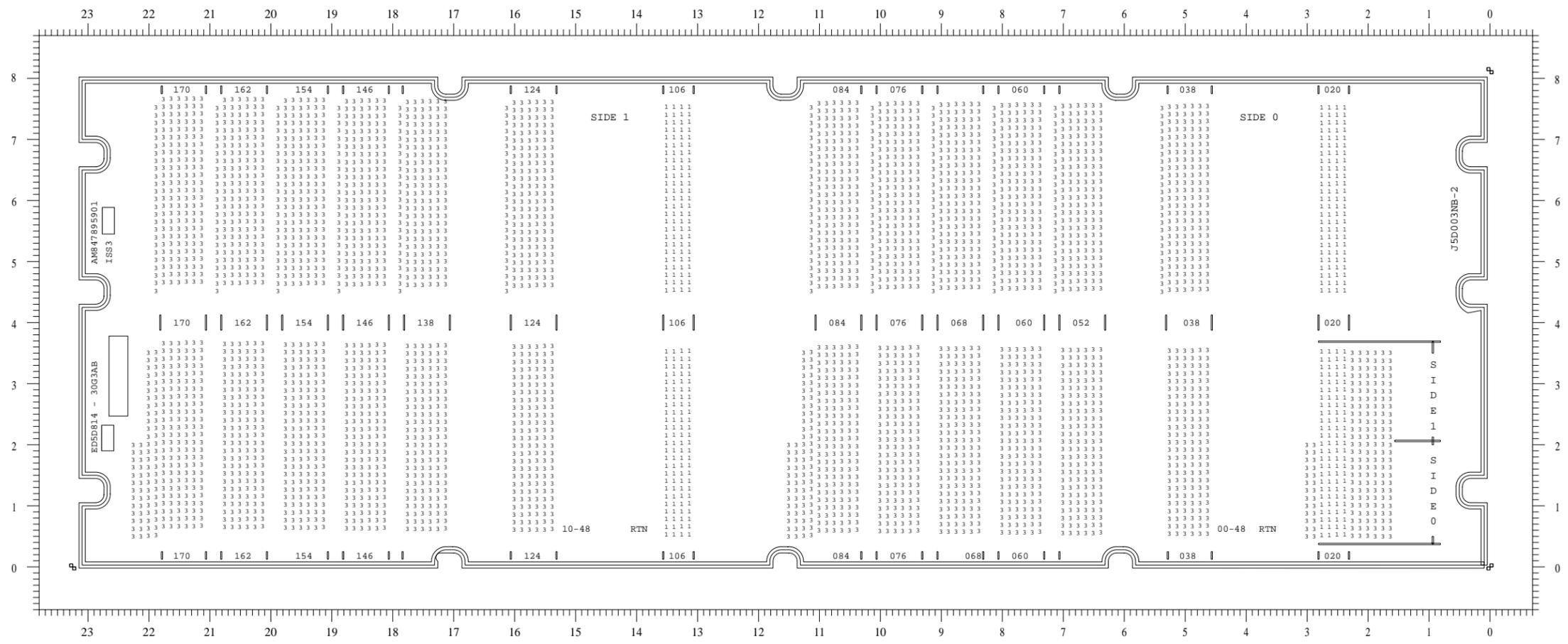


WIRING SIDE VIEW

WITH COMPONENTS AND NOMENCLATURE

LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS			
SESS SWITCHING EQUIPMENT SPECIFICATION FOR ONE DOUBLE-SIDED BACKPLANE PRINTED WIRING BOARD		SHEET	DWG
Lucent Technologies IX ED5D814-30		B2	2
		DWG	SIZE
			C2

FOCUS-PRIME 3.0.0.25PRODUCTION CPCODE:ED5D814 AMI:3 VINTAGE:1



WIRING SIDE VIEW

KEY	
DESCRIPTION	SYMBOL
1G3 CONTACT	3
1G1 CONTACT	1

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	2	1	847725561		BACKPLANE, CONNECTORIZED			
1011	3	1	847895901		BACKPLANE, MULTILAYER			
1020	A	4	105496236	221E	TERMINAL			6
1030	B	400	107119638	1B-1G	CONTACT, PIN			6
1040	B	4228	107121998	1B-3G	CONTACT, PIN			6

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

S H O P X X X X X	I N S T	MANUFACTURING NOTES	
		2. <> INDICATES INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.	
		3. () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.	
		4. CHARACTERS TO BE 1/8 INCH RUBBER STAMPED IN CONTRASTING COLOR PER X-20828 AND LOCATED APPROXIMATELY AS SHOWN.	
		5. MATERIAL: CLASS II FOIL FR4 DIELECTRIC.	
		6. COMCODE 601842123 IS EQUIVALENT TO ED5D814-30, G3, A, B.	
		7. PWB IS BASED ON COMMON FEATURES DRAWING L-535247.	

TABLE R

COMPONENT	LEVEL	EQL	TERMINAL NUMBER	QUANTITY (PER LEVEL-EQL)
1B-3G	22	014	000-024	25
		015	000-024	25
		016	000-024	25
		017	000-024	25
		018	000-024	25
		019	000-024	25
1B-1G		020	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356	200
1B-3G		024	000-012	13
		025	000-012	13
		038	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
		052	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
		060	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
		068	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
		076	000-024, 032-056 100-124, 132-156	300

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ED5D814-30

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5ESS SWITCHING EQUIPMENT SPECIFICATIONS FOR TSIU4-2 MULTILAYER BACKPLANE (UPPER SHELF)		BT13	
		DWG SIZE C2	ISSUE 3
LUCENT TECHNOLOGIES INC		ED5D814-30	
		SHEET D1 OF 6	

** CONTINUED **

TABLE R			
		200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	
	084	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	090	000-024, 032-056	50
	091	000-024	25
	092	000-012	13
	093	000-012	13
1B-1G	106	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356	200
1B-3G	124	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	138	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	146	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	154	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	162	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	170	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556	300
	044	032-056	25
	058	032-056	25
	066	032-056	25
	074	032-056	25
	082	032-056	25
	130	032-056	25

*** CONTINUED ***

** CONTINUED **

TABLE R				
		144	032-056	25
		152	032-056	25
		160	032-056	25
		168	032-056	25
		176	000-024, 032-056	50
		177	000-024	25
		178	000-012	13
		179	000-012	13

TABLE S

COMPONENT	LEVEL	EQL	TERMINAL	ORIENTATION
221E	00	031	0B0	SKA (TAB DOWN)
		036	0B0	
		113	0B0	
		122	0B0	

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5ESS SWITCHING EQUIPMENT SPECIFICATIONS FOR TSIU4-2 MULTILAYER BACKPLANE (UPPER SHELF)		BT13	
		DWG SIZE C2	ISSUE 3
LUCENT TECHNOLOGIES INC	ED5D814-30	SHEET D2 OF 6	