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1	1	1-29-87		
2A	APPX IAC	1-29-87		
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USED ON

FRAME SD	PROJECT	DSGN CONT
SD-9D012-01	5ESS	IH
SD-9D012-02	5ESS	IH

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	J50004AC

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AT&T  
5ESS<sup>®</sup> SWITCHING EQUIPMENT  
LINE UNIT, MODEL 2  
INTERNATIONAL CIRCUIT  
(LU2I)

AT&T SD-5X205-01

DWG SIZE 88  
ISSUE 3A  
SHEET A1 OF 74

# DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
+260V(0-1)	1,2/14	+260V(SERVICE GROUP): V+ POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP	RMTSRTC	1/1	RMTSRTC: REMOTE START LEAD THAT IS BETWEEN THE LOW VOLTAGE ALARM CONTACTS IN BOTH BELLPAC CONVERTERS	(0-1)ASHG(0-7) (0-1)	1/13,18,21,24,27,30,33,36,29,2/13	(SERVICE GROUP)ASHG (GRID)(HALF-GRID): ALL SEEMS WELL (ASH) FROM A HALF-GRID WITHIN A GRID, TO THE COMMON CONTROL PACK	(0-1)DAIN(0-1) (N,P)	1,2/12	(SERVICE GROUP)DAIN(TSIU SIDE) (POLARITY): THE PCM DATA LEAD IN THE PIDB FROM THE TSIU TO THE COMMON DATA PACK IN A SERVICE GROUP
+295V(0-1)	1,2/14	+295V(SERVICE GROUP): VD POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP	RNG(00-63)	1,2/5,7,9,11	C-LINK RING(B-LINK)	(0-1)CASH(0-1) (0-3)	1,2/5,7,9,11	(SERVICE GROUP)CASH(0-1) (CHANNEL PACK): THE ALL SEEMS WELL (ASH) FROM THE CHANNEL PACKS TO THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)DAOT(0-1) (N,P)	1,2/12	(SERVICE GROUP)DAOT(TSIU SIDE) (POLARITY): THE PCM DATA LEAD IN THE PIDB FROM THE COMMON DATA PACK IN A SERVICE GROUP TO THE TSIU
+297V(0-1)	1,2/14	+297V: V+G POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP	R(0-7)(0-1)(0-7) (0-3)	1,2/16,19,22,25,28,31,34,37	LINE RING(GRID)(SWITCH GROUP) (SWITCH)(SWITCH INPUT LEVEL)	(0-1)CA(0-7)	1,2/5,7,9,11	(SERVICE GROUP)CA(ADDRESS LEAD): THE A0-A7 CONTROL ADDRESSING LEADS FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP	(0-1)DATA(0-3)	1,2/5,7,9,11	(SERVICE GROUP)DATA(CHANNEL PACK): THE CONTROL DATA LEAD FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
+300VR(0-1)	1,2/14	+300VR(SERVICE GROUP): V+OR POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP	TB(0-63)	1/14,15,18,21	B-LINK TIP(B-LINK)	(0-1)CB(0-3)	1,2/5	(SERVICE GROUP)CB(ADDRESS LEAD): THE B0-B3 CONTROL ADDRESSING LEADS FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP	(0-1)DG(0-7)	1/13,18,24,30,36,2/13	(SERVICE GROUP)DFG(GRID): THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO A GRID
+300VSG(0-1)	1/15	+300VSG(SERVICE GROUP): V+G POWER SUPPLY FOR THE ACCESS NETWORK IN A SERVICE GROUP	TIP(00-63)	1,2/5,7,9,11	C-LINK TIP(B-LINK)	(0-1)ACK0	1,2/13	(SERVICE GROUP)ACK0: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP	(0-1)EG(0-7)(0-1)	1/13,18,21,24,27,30,33,36,39,2/13	(SERVICE GROUP)EG(GRID)(HALF-GRID): THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO A HALF-GRID WITHIN A GRID
+300V(00-15)	1,2/18,21,30,33	+300V: PROVIDE BACKUP V+G POWER BETWEEN GRIDS	T(0-7)(0-1)(0-7) (0-3)	1,2/17,20,23,26,29,32,35,38	LINE TIP(GRID)(SWITCH GROUP) (SWITCH)(SWITCH INPUT LEVEL)	(0-1)ACK1	1,2/13	(SERVICE GROUP)ACK1: THE CONTROL ASW FROM THE LINEARIZATION PACK TO THE COMMON CONTROL PACK	(0-1)HCK(0-1) (0-2)	1,2/2-4	(SERVICE GROUP)HCK(HLSC): THE ALL SEEMS WELL (ASH) FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
+5(P,PA)	1,2/14	+5(P,PA): +5 VOLT POWER FOR THE ACCESS NETWORK IN SERVICE GROUP (0,1)	(0-1)ACASH0	1,2/13	(SERVICE GROUP)ACASH0: THE CONTROL ASW FROM THE ACCESS POWER AND CONTROL PACK TO THE COMMON CONTROL PACK	(0-1)ACBUS(0-7)R	1,2/2,3,4,14	(SERVICE GROUP)ACBUS(BUS)R: THE RING LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP	(0-1)HCK(0-2)	1,2/2-4	(SERVICE GROUP)HCK(HLSC): THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE HLSCS
+5V(04)	1/1	+5 VOLT POWER FOR SERVICE GROUPS (0,1)	(0-1)ACASH1	1,2/13	(SERVICE GROUP)ACASH1: THE CONTROL ASW FROM THE LINEARIZATION PACK TO THE COMMON CONTROL PACK	(0-1)ACBUS(0-7)T	1,2/2,3,4,14	(SERVICE GROUP)ACBUS(BUS)T: THE TIP LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP	(0-1)HDATA(0-2)	1,2/2-4	(SERVICE GROUP)HDATA(HLSC): THE SERIAL DATA LEAD FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP
-48RTN	1/18	-48 VOLT RETURN FOR THE LOWER OF THE TWO SHELVES IN A LINE UNIT	(0-1)ACBUS(0-7)R	1,2/2,3,4,14	(SERVICE GROUP)ACBUS(BUS)R: THE RING LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP	(0-1)ACCK0	1,2/13	(SERVICE GROUP)ACCK0: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP	(0-1)HDATA(0-2)0	1,2/2-4	(SERVICE GROUP)HDATA(HLSC) (DATA LEAD): THE SERIAL DATA OUT LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-48RTNA	2/18	-48 VOLT RETURN FOR THE HIGHER OF THE TWO SHELVES IN A LINE UNIT	(0-1)ACBUS(0-7)T	1,2/2,3,4,14	(SERVICE GROUP)ACBUS(BUS)T: THE TIP LEAD OF THE ACCESS BUSES FOR THE HLSC AND THE ACCESS NETWORK IN A SERVICE GROUP	(0-1)ACCK1	1,2/13	(SERVICE GROUP)ACCK1: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION PACK IN A SERVICE GROUP	(0-1)HDCK(0-2)	1,2/2-4	(SERVICE GROUP)HDCK(HLSC): THE DATA SHIFT CLOCK LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-48RTN(0,1)C	1/1,13	-48RTN(SERVICE GROUP)C: THE CONTROL LEAD TO THE POWER CONVERTER FROM THE CONTROL PACK FOR CONTROL OF THE OUT-OF-SERVICE LAMP IN SERVICE GROUP (0,1)	(0-1)ACCK0	1,2/13	(SERVICE GROUP)ACCK0: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP	(0-1)CHDAI(0-3)	1,2/5,7,9,11	(SERVICE GROUP)CHDAI(CHANNEL PACK): THE PCM DATA FROM THE CHANNEL PACKS TO THE COMMON DATA PACK IN A SERVICE GROUP	(0-1)HDW(0-2)	1,2/2-4	(SERVICE GROUP)HDW(HLSC): THE SERIAL DATA IN LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-48V(0,0A)	1,2/1	-48 VOLT POWER SUPPLY FOR THE POWER CONVERTER AND HIGH LEVEL SERVICE CIRCUITS IN SERVICE GROUP (0,1)	(0-1)ACCK1	1,2/13	(SERVICE GROUP)ACCK1: THE DATA SHIFT CLOCK LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION PACK IN A SERVICE GROUP	(0-1)CHDAQ(0-3)	1,2/5,7,9,11	(SERVICE GROUP)CHDAQ(CHANNEL PACK): THE PCM DATA FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP	(0-1)HEN(0-2)	1,2/2-4	(SERVICE GROUP)HEN(HLSC): THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE HLSCS IN A SERVICE GROUP
-48V(1,1A)	1,2/5	-48 VOLT POWER SUPPLY FOR THE CHANNEL PACKS, COMMON DATA PACK, AND ACCESS NETWORK IN A SERVICE GROUP (0,1)	(0-1)ACDATA0	1,2/13	(SERVICE GROUP)ACDATA0: THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP	(0-1)CLG(0-7)	1/13,18,24,30,36,2/13	(SERVICE GROUP)CLG(GRID): THE DATA SHIFT CLOCK FROM THE COMMON CONTROL PACK TO A GRID	(0-1)HEN(0-2)0	1,2/2-4	(SERVICE GROUP)HEN(HLSC) (CONTROL LEAD): THE CONTROL ENABLE LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-48V(2-5)	1/18,24,30,36	-48V(GRID 0-3): -48 VOLT POWER SUPPLY FOR GRIDS 0 THROUGH 3	(0-1)ACDATA1	1,2/13	(SERVICE GROUP)ACDATA1: THE SERIAL DATA LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION PACK IN A SERVICE GROUP	(0-1)CLK(0-1)(N,P)	1,2/13	(SERVICE GROUP)CLK(MCU SIDE) (POLARITY): THE CLOCK LEAD IN THE PICB FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)HR(0-2)	1,2/2-4	(SERVICE GROUP)HR(HLSC): THE READ CONTROL LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-48V(2-5)A	1/18,24,30,36	-48V(GRID 4-7)A: -48 VOLT SUPPLY FOR GRIDS 4 THROUGH 7	(0-1)ACEN0	1,2/13	(SERVICE GROUP)ACEN0: THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE ACCESS POWER AND CONTROL PACK IN A SERVICE GROUP	(0-1)CURPR(N,P)	1,2/1	(SERVICE GROUP)CURPR (POLARITY): THE CURRENT PROGRAMMING RESISTOR LEAD FOR A SERVICE GROUP	(0-1)HW(0-2)	1,2/2-4	(SERVICE GROUP)HW(HLSC): THE WRITE CONTROL LEAD TIE ON THE HLSCS IN A SERVICE GROUP
-5V(04,13)	1,2/1	-5 VOLT POWER SUPPLY FOR SERVICE GROUP (0,1)	(0-1)ACEN1	1,2/13	(SERVICE GROUP)ACEN1: THE CONTROL ENABLE LEAD FROM THE COMMON CONTROL PACK TO THE LINEARIZATION IN A SERVICE GROUP	(0-1)CW2	1,2/5	(SERVICE GROUP)CW2: THE W2 WRITE CONTROL LEAD FROM THE COMMON CONTROL PACK TO THE CHANNEL PACKS IN A SERVICE GROUP			
F+5(V,VA)	1,2/12	F+5(SERVICE GROUP): FLOATING +5 VOLTS FOR SERVICE GROUP (0,1)	(0,1)ANLED	1/13,15	(SERVICE GROUP)ANLED: THE OUT-OF-SERVICE INDICATOR LEAD FROM THE COMMON CONTROL PACK TO AN ACCESS NETWORK IN A SERVICE GROUP						
F(GRD,GRDA)	1,2/1	FRAME GROUND FOR SERVICE GROUP (0,1)									
GRD:LUG	1/40	GROUND LUG									
GRD(04,13)	1,2/1	DIGITAL GROUND FOR SERVICE GROUP (0,1)									
RB(0-63)	1/14,15,18,21	B-LINK RING(B-LINK)									
RMTSRT	1/14	RMTSRT: THE REMOTE START LEAD OF ALL OF THE GDV POWER CONVERTERS IN THE ENTIRE LINE UNIT									

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE A2
AT&T BELL LABORATORIES	SD-5X205-01
	ISSUE 1

# DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
(0-1)LPTST	1,2/12	(SERVICE GROUP)LPTST: THE CONTROL LEAD THAT CAUSES THE DATA ON ALL CHANNELS IN A SERVICE GROUP TO BE LOOPED BACK THE THE TSIU FROM THE COMMON DATA PACK	(0-1)TSA(0-7)	1,2/5,7,9,11	(SERVICE GROUP)TSA(ADDRESS LEADS): THE PCM TIME SLOT ADDRESSING LEADS FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)MSG(0-1)(N,P)	1,2/13	(SERVICE GROUP)MSG(MCU SIDE) (POLARITY): THE SERIAL CONTROL ORDER LEAD FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)TSB	1,2/12	(SERVICE GROUP)TSB: THE TIMING SELECT LEAD FROM THE COMMON CONTROL PACK TO THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)MTB(R,T)	1,2/14	(SERVICE GROUP)MTR(RING,TIP): THE MAINTENANCE TEST BUS FOR A SERVICE GROUP	(0-1)TSB(0-3)(A-D)	1,2/5,7,9,11	(SERVICE GROUP)TSB(ADDRESS LEADS)(CHANNEL PACK): THE PCM TIME SLOT ADDRESSING LEADS FROM THE COMMON DATA PACK TO THE CHANNEL PACKS IN A SERVICE GROUP
(0-1)NINT(0-1)(N,P)	1,2/13	(SERVICE GROUP)NINT(MCU SIDE) (POLARITY): THE REMOTE SERVICE REQUEST LEAD IN THE PICB FROM THE COMMON CONTROL PACK IN A SERVICE GROUP TO THE MCU	(0-1)256KHZ(0-7)	1,2/12,24,30,36,2/12	(SERVICE GROUP)256 KHZ (GRID): THE 256 KHZ CLOCK USED FOR THE SCAN FUNCTION OF EACH GRID ORIGINATING FROM THE COMMON DATA PACKS IN SERVICE GROUP
(0-1)PAG(0-7)(0-1)	1/13,18,21,24,27,30,33,36,39,2/13	(SERVICE GROUP)PAG(GRID) (HALF-GRID): THE POWER ALARM FROM A HALF-GRID WITHIN A GRID, TO THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)4MCK(0-1)(N,P)	1,2/12	(SERVICE GROUP)4MCK(TSIU SIDE)(POLARITY): THE 4MHZ CLOCK IN THE PIDB FROM THE TSIU FOR THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)PRALMO	1,2/13	(SERVICE GROUP)PRALMO: THE POWER ALARM FROM THE ACCESS POWER AND CONTROL PACK THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)4MCK(0-3)	1,2/5,7,9,11	(SERVICE GROUP)4MCK(PACK): THE 4MHZ CLOCK LEAD TO THE CHANNEL PACKS FROM THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)RNGSUP(0-2)	1,2/2-4	(SERVICE GROUP)RNGSUP(HLSC): THE RING SUPERVISION FROM THE HLSCS TO THE COMMON CONTROL PACK IN A SERVICE GROUP	(0-1)64KHZ	1,2/1	(SERVICE GROUP) 64 KHZ: THE 64 KHZ CLOCK ORIGINATING IN THE COMMON DATA PACK AND USED BY THE LINE UNIT +5 POWER MODULE FOR POWER GENERATION TIMING.
(0-1)RNG(0-2)	1,2/2-4	(SERVICE GROUP)RNG(HLSC): THE RING LEAD OF A BUS CONNECTING THE ACCESS RELAYS IN A HLSC TOGETHER	(0-1)8KSYNC(0-1)(N,P)	1,2/12	(SERVICE GROUP)8KSYNC(TSIU SIDE)(POLARITY): THE 8K SYNC LEAD IN THE PIDB FROM THE TSIU FOR THE COMMON DATA PACK IN A SERVICE GROUP
(0-1)RPLY(0-1)(N,P)	1,2/13	(SERVICE GROUP)RPLY(MCU SIDE) (POLARITY): THE SERIAL CONTROL LEAD FROM THE COMMON CONTROL PACK IN A SERVICE GROUP TO THE MCU			
(0-1)RSON	1,2/1	(SERVICE GROUP)RSON: THE REMOTE START FEATURE OF THE BELLPAK CONVERTER			
(0-1)SCB	1,2/12	(SERVICE GROUP)SCB: THE SYNC CUT BIT LEAD FROM THE COMMON CONTROL PACK TO THE COMMON DATA PACK IN A SERVICE GROUP			
(0-1)SLCT(0-1)P	1,2/13	(SERVICE GROUP)SLCT(MCU SIDE) (POLARITY): THE SELECT LEAD FOR A PICB FROM THE MCU TO THE COMMON CONTROL PACK IN A SERVICE GROUP			
(0-1)SLQ(0-7)	1/13,18,24,30,36,2/13	(SERVICE GROUP)SLQ(GRID): THE SELECT LEAD FROM THE COMMON CONTROL PACK TO A GRID			
(0-1)SYNC	1,2/12	(SERVICE GROUP)SYNC: THE MISSING SYNC INTERRUPT LEAD FROM THE COMMON DATA PACK TO THE COMMON CONTROL PACK IN A SERVICE GROUP			
(0-1)TIP(0-2)	1,2/2-4	(SERVICE GROUP)TIP(HLSC): THE TIP LEAD OF A BUS CONNECTING THE ACCESS RELAYS OF A HLSC TOGETHER			

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE C
AT&T BELL LABORATORIES		ISSUE 1
SD-5X205-01		A3

0 1 2 3 4 5 6 7 8 9

A  
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APPARATUS INDEX

CODE	EQUIP. LOC	FS/SYM	APP FIG.	OPTION
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AJT5	04-070	1/11	5	
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AJT5	13-054	2/7	5	
AJT5	13-062	2/9	5	
AJT5	13-070	2/11	5	
AJT6	04-046	1/5	6	
AJT6	04-094	1/7	6	
AJT6	04-062	1/9	6	
AJT6	04-070	1/11	6	
AJT6	13-046	2/5	6	
AJT6	13-094	2/7	6	
AJT6	13-062	2/9	6	
AJT6	13-070	2/11	6	
AJT7	04-046	1/5	9	
AJT7	04-094	1/7	9	
AJT7	04-062	1/9	9	
AJT7	04-070	1/11	9	
AJT7	13-046	2/5	9	
AJT7	13-094	2/7	9	
AJT7	13-062	2/9	9	
AJT7	13-070	2/11	9	
AJT40	04-046	1/5	7	
AJT40	04-094	1/7	7	
AJT40	04-062	1/9	7	
AJT40	04-070	1/11	7	
AJT40	13-046	2/5	7	
AJT40	13-094	2/7	7	
AJT40	13-062	2/9	7	
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AJT41	04-046	1/5	8	
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AJT41	04-062	1/9	8	
AJT41	04-070	1/11	8	
AJT41	13-046	2/5	8	
AJT41	13-094	2/7	8	
AJT41	13-062	2/9	8	
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TNB38	13-120	2/21	3	
TNB38	13-128	2/24	3	
TNB38	13-136	2/27	3	
TNB38	13-144	2/30	4	
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TNB38	13-160	2/36	4	
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TNB42	13-078	1/1	2	(Z)
TNB42B	04-078	1/12	2	(Y)
TNB42B	13-078	2/12	2	(Y)
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TNB43	13-086	2/13	2	
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494GB	13-008	2/1	2	
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RSVD	04-032	1/4	63	
RSVD	04-046	1/5	10-19	
RSVD	04-054	1/7	10-19	
RSVD	04-062	1/9	10-19	
RSVD	04-070	1/11	10-19	

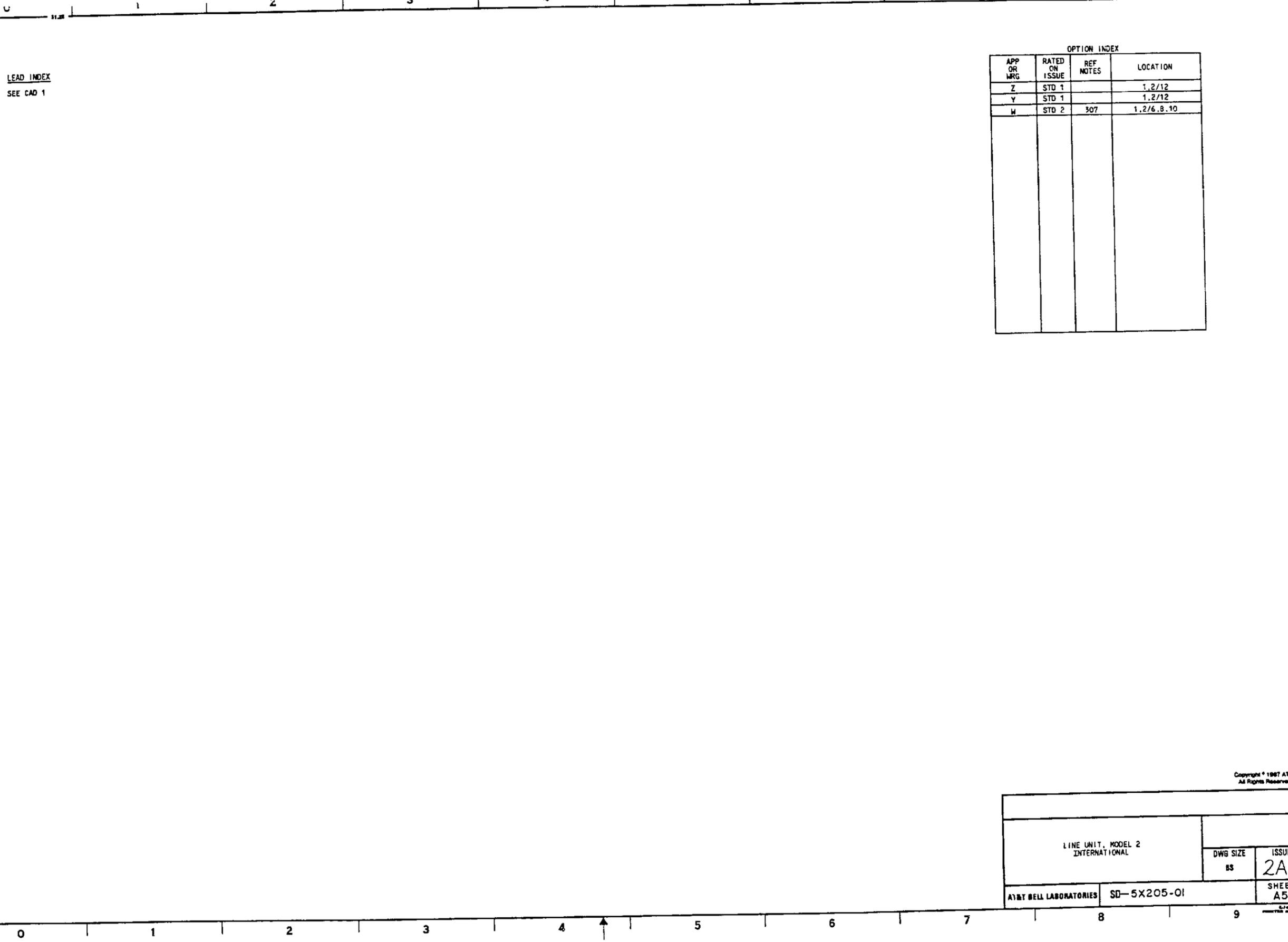
APPARATUS INDEX (CONT)

CODE	EQUIP. LOC	FS/SYM	APP FIG.	OPTION
RSVD	13-016	2/2	26,29,32	
RSVD	13-016	2/2	35,38,41	
RSVD	13-016	2/2	44,47,50	
RSVD	13-016	2/2	53,56,59	
RSVD	13-016	2/2	62	
RSVD	13-024	2/3	26,29,32	
RSVD	13-024	2/3	35,38,41	
RSVD	13-024	2/3	44,47,50	
RSVD	13-024	2/3	53,56,59	
RSVD	13-024	2/3	62	
RSVD	13-032	2/4	28,31,34	
RSVD	13-032	2/4	37,40,43	
RSVD	13-032	2/4	46,49,52	
RSVD	13-032	2/4	55,58,61	
RSVD	13-032	2/4	64	
RSVD	13-046	2/5	10-19	
RSVD	13-054	2/7	10-19	
RSVD	13-062	2/9	10-19	
RSVD	13-070	2/11	10-19	
ED5D585-291 55A	04-078	1/12	65	
ED5D585-291 55B	13-078	2/12	65	

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 63	ISSUE 3A
AT&T	SD- 5X205-01	SHEET A4	

0 1 2 3 4 5 6 7 8 9



LEAD INDEX  
SEE CAD 1

OPTION INDEX			
APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	STD 1		1,2/12
Y	STD 1		1,2/12
W	STD 2	307	1,2/6,8,10

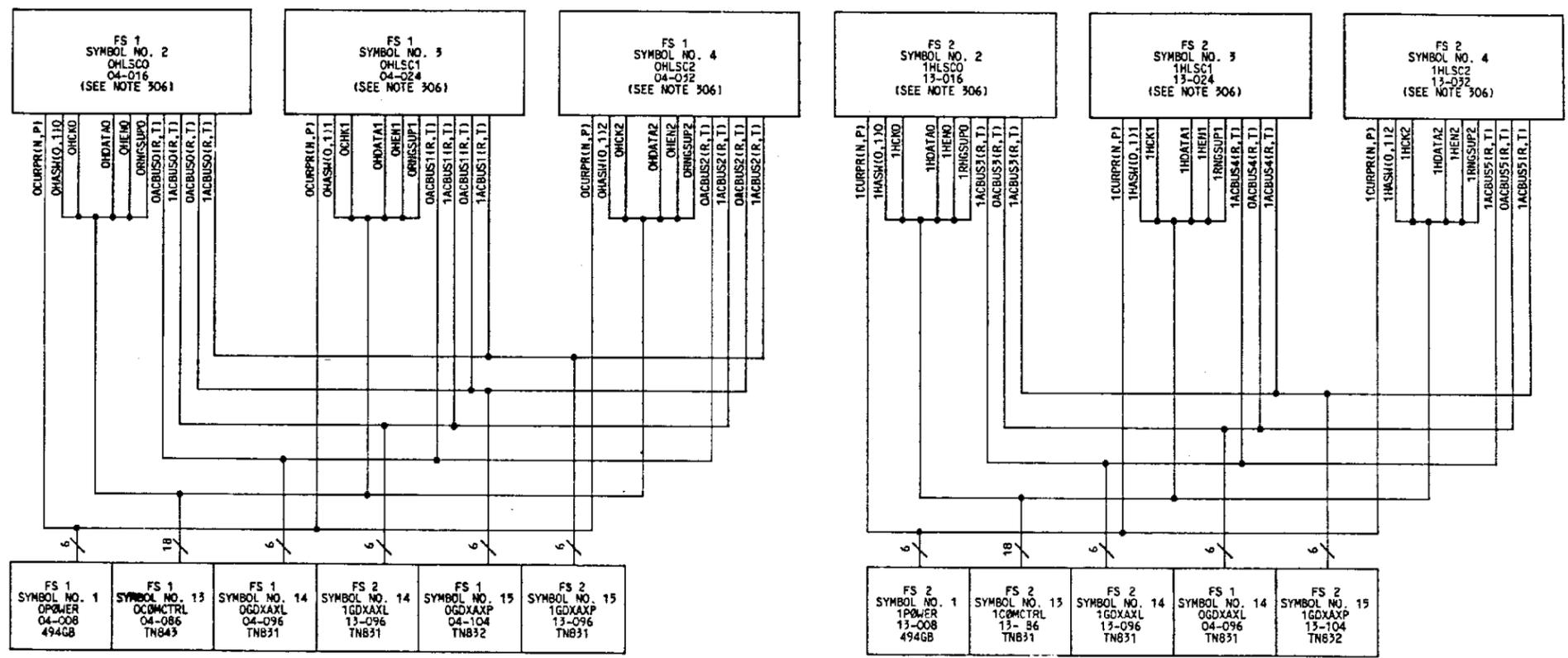
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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE B3
ISSUE 2AC		SHEET A5
AT&T BELL LABORATORIES	SD-5X205-01	



PART OF FS 182

COMPOSITE DIAGRAM 2

RINGING, COIN CONTROL, TESTING  
SERVICE GROUP 0.1



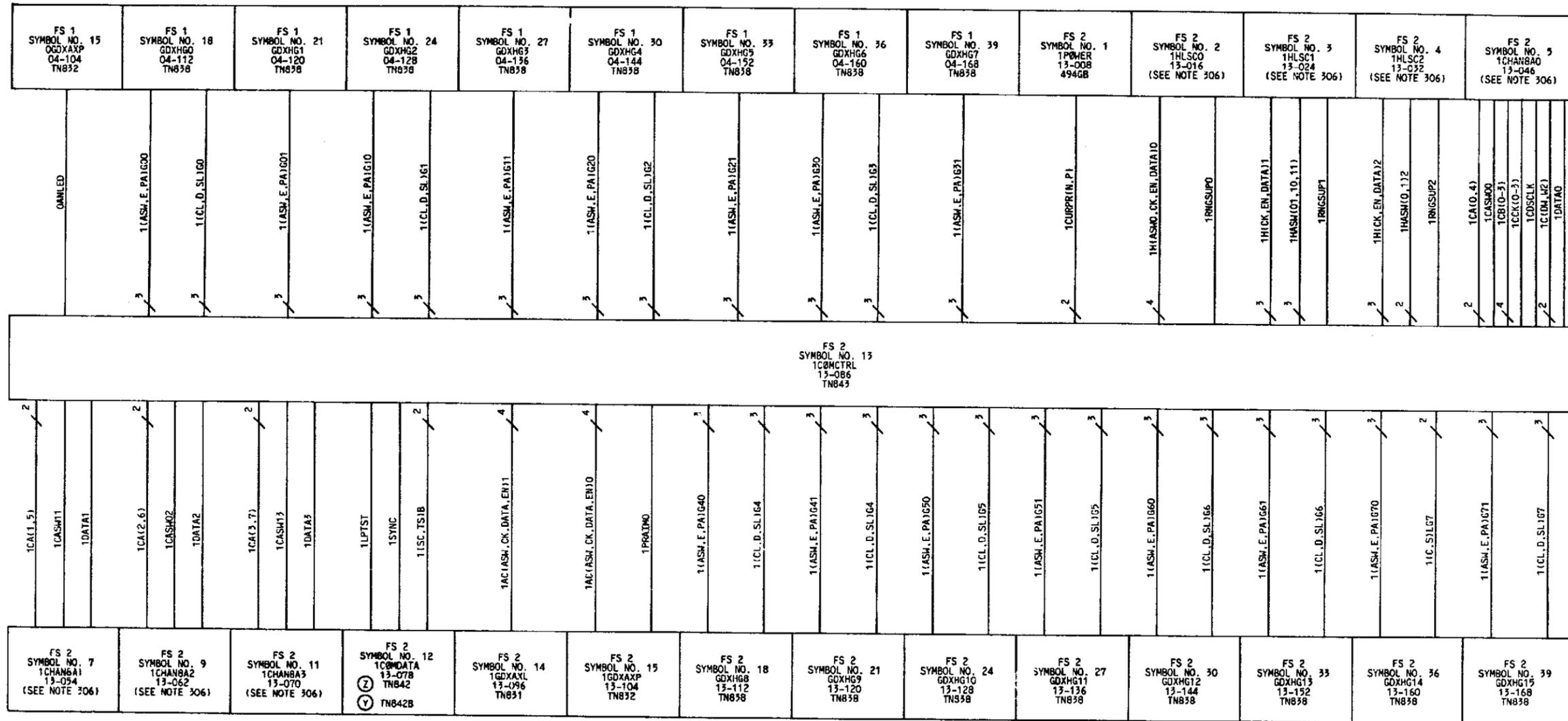
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LINE UNIT MODEL 2, INTERNATIONAL		DWG SIZE	ISSUE
		85	/
AT&T BELL LABORATORIES		SD-5X205-01	SHEET BIAB



**PART OF FS 1 & 2**  
**COMPOSITE DIAGRAM 4**

UNIT CONTROL  
(UPPER SHELF)

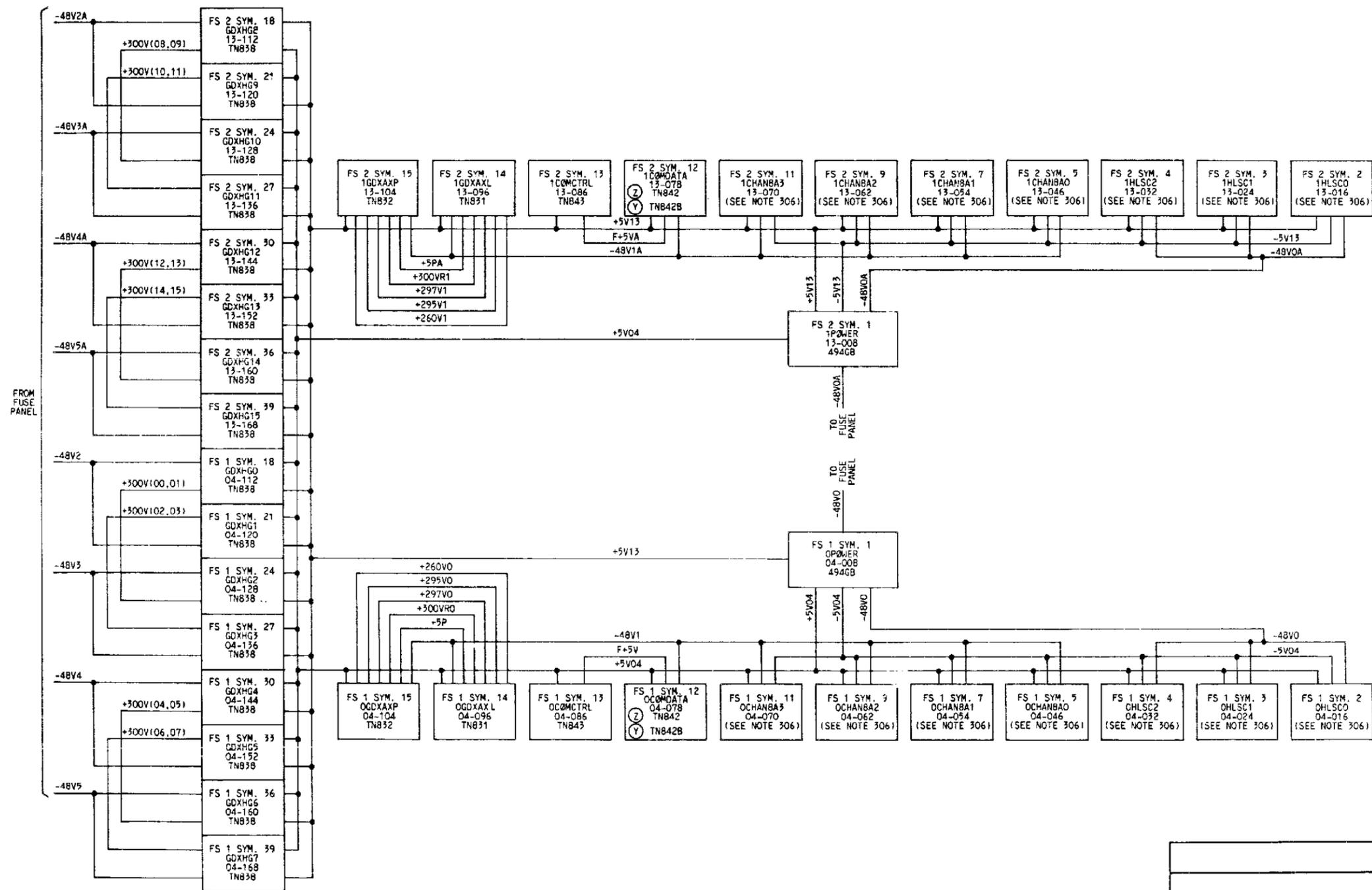


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AT&T BELL LABORATORIES		SD-5X205-01	
		SHEET BIAD	

PART OF FS 1 & 2  
COMPOSITE DIAGRAM 5

POWER



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AT&T BELL LABORATORIES		SD-5X205-01	
		SHEET BIAE	

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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 3  
SERVICE CIRCUIT

SYMBOL NO. 3 (CONT)  
SERVICE CIRCUIT

SYMBOL NO. 4 (CONT)  
SERVICE CIRCUIT

SYMBOL NO. 5 (CONT)  
CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSC1	04-024	SEE NOTE 306	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSC1	04-024	SEE NOTE 306	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSC2	04-032	SEE NOTE 306	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCHAN8A0	04-046	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
-48V0	PWR		135		1/1	
	PWR		000		1/1	
	PWR		001		1/1	
-5V04	PWR		002		1/1	
	PWR		103		1/1	
	PWR		101		1/1	
GR004	GRD		014		1/1	
	GRD		015		1/1	
	GRD		016		1/1	
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
DACBUS1R	IO		348		1/14, 1/15	
	IO		248		1/14, 1/15	
OCURPRN	IO		012		1/1	
	IO		112		1/1	
	IO		323		1/13	
OHASH01	IO		223		1/13	
	IO		320		1/13	
	IO		321		1/13	
OHDATA10	IO		318			
	IO		322			
	IO		311			
OHDW1	IO		313			
	IO		215			
	IO		216			
OHEN1	IO		220		1/13	
	IO		315			
	IO		316			
OHR1	IO		312			
	IO		314			
	IO		213			
ORNGSUP1	IO		214		1/13	
	IO		317			
	IO		245			P/OTIP1
OTIP1	IO		246			P/OTIP1
	IO		250			P/OTIP1
	IO		345			P/ORNG1

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1ACBUS1R	IO		348			P/ORNG1
	IO		350		2/14, 2/15	
	IO		347		2/14, 2/15	
1ACBUS1T	IO		247		2/14, 2/15	

SYMBOL NO. 4  
SERVICE CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OHLSC2	04-032	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		034		1/1	
	PWR		035		1/1	
	PWR		134		1/1	
-48V0	PWR		135		1/1	
	PWR		000		1/1	
	PWR		001		1/1	
-5V04	PWR		002		1/1	
	PWR		100		1/1	
	PWR		101		1/1	
GR004	GRD		014		1/1	
	GRD		015		1/1	
	GRD		016		1/1	
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
DACBUS2R	IO		348		1/14, 1/15	
	IO		248		1/14, 1/15	
	IO		115			
OCURPRN	IO		012		1/1	
	IO		112		1/1	
	IO		323		1/13	
OHASH02	IO		223		1/13	
	IO		320		1/13	
	IO		321		1/13	
OHDATA2	IO		318			
	IO		322			
	IO		311			
OHDW1	IO		313			
	IO		215			
	IO		216			
OHEN1	IO		220		1/13	
	IO		315			
	IO		316			
OHR1	IO		312			
	IO		314			
	IO		213			
ORNGSUP2	IO		214		1/13	
	IO		317			
	IO		245			P/OTIP2
OTIP2	IO		246			P/OTIP2
	IO		250			P/OTIP2
	IO		345			P/ORNG2

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OHDATA20	IO		318			
	IO		322			
	IO		311			
OHDCK2	IO		313			
	IO		215			
	IO		216			
OHEN2	IO		220		1/13	
	IO		315			
	IO		316			
OHR2	IO		312			
	IO		314			
	IO		213			
ORNGSUP2	IO		214		1/13	
	IO		317			
	IO		245			
OTIP2	IO		246			P/OTIP2
	IO		250			P/OTIP2
	IO		345			P/ORNG2
1ACBUS2R	IO		348		2/14, 2/15	
	IO		350		2/14, 2/15	
	IO		347		2/14, 2/15	
1ACBUS2T	IO		247		2/14, 2/15	

SYMBOL NO. 5  
CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OCHAN8A0	04-046	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
-48V1	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-5V04	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
GR004	GRD		200		1/7, 1/9	
	GRD		201		1/11, 1/12	
	GRD		224		1/14, 1/15	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD	GRD		232			
	GRD		233			
	GRD		234			
GRD	GRD		235			
	GRD		300			
	GRD		301			
GRD	GRD		324			
	GRD		332			
	GRD		333			
RNG00	IO		256		1/15	P/TIP00
	IO		056		1/15	P/TIP04
RNG04	IO		255		1/15	P/TIP08
	IO		055		1/15	P/TIP12
RNG16	IO		202		1/14	
	IO		002		1/14	
RNG20	IO		203		1/14	P/TIP24
	IO		003		1/14	
RNG28	IO		003		1/14	P/RNG00
	IO		356		1/15	P/RNG04
TIP04	IO		156		1/15	
	IO		355		1/15	P/RNG08
TIP08	IO		155		1/15	P/RNG12
	IO		302		1/14	
TIP12	IO		102		1/14	
	IO		303		1/14	P/RNG24
TIP24	IO		103		1/14	
	IO		103		1/14	
OCASW00	IO		118		1/5	
	IO		019		1/13	
OCASW10	IO		041		1/5	
	IO		341		1/13	
OCA0	IO		315		1/13	
	IO		041		1/5	
OCA4	IO		241		1/5	
	IO		216		1/13	
OCB0	IO		242		1/7, 1/9	
	IO		242		1/11, 1/13	
OCB1	IO		342		1/7, 1/9	
	IO		316		1/11, 1/13	
OCB2	IO		316		1/7, 1/9	
	IO		217		1/11, 1/13	
OCB3	IO		217		1/7, 1/9	
	IO		118		1/11, 1/13	
OCEK0	IO		122		1/7, 1/9	
	IO		121		1/11, 1/13	
OCEK1	IO		121		1/7, 1/9	
	IO		120		1/11, 1/13	
OCEK2	IO		120		1/7, 1/9	
	IO		119		1/11, 1/13	
OCEK3	IO		119		1/7, 1/9	
	IO		244		1/11, 1/13	

PART OF FS 1  
SYMBOL(S) 3 4 5

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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 5 (CONT)  
CHANNEL CIRCUIT

SYMBOL NO. 7  
CHANNEL CIRCUIT

SYMBOL NO. 7 (CONT)  
CHANNEL CIRCUIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCHAN8A0	04-046	SEE NOTE 306	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCHAN8A1	04-054	SEE NOTE 306	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCHAN8A1	04-054	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		318		1/7, 1/9 1/11, 1/13	
OCDSYNCO	IO		123		1/5	
	IO		238		1/12	
OCCH	IO		317		1/5	
	IO		243		1/7, 1/9 1/11, 1/13	
OCHDA10	IO		339		1/5	
	IO		320		1/12	
OCHDAD0	IO		036		1/5	
	IO		220		1/12	
OCURPRN	IO		012		1/1	
	IO		112		1/1	
OCURPRP	IO		218		1/5	
OCW2	IO		343		1/7, 1/9 1/11, 1/13	
	IO		018		1/13	
ODATA0	IO		139		1/5	
OTSAA	IO		222		1/12	
	IO		236		1/5	
OTSAA4	IO		321		1/12	
OTSBOA	IO		221		1/5	
	IO		336		1/12	
OTSBA1A	IO		239		1/12	
OTSBA2A	IO		322		1/5	
	IO		338		1/12	
OTSBA3A	IO		223		1/12	
04MCK0	IO		337		1/5	
	IO		323		1/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
	PWR		204		1/5	
	PWR		304		1/5	
	PWR		024		1/1	
	PWR		124		1/1	
GRD04	GRD		736			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		233			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
	IO		256		1/15	P/TIP01
RNG01	IO		056		1/15	P/TIP05
RNG05	IO		255		1/15	P/TIP09
RNG09	IO		055		1/15	P/TIP13
RNG13	IO		202		1/14	
RNG17	IO		002		1/14	
RNG21	IO		203		1/14	P/TIP25
RNG25	IO		003		1/14	P/TIP29
RNG29	IO		356		1/15	P/RNG01
TIP01	IO		156		1/15	P/RNG05
TIP05	IO		355		1/15	P/RNG09
TIP09	IO		155		1/15	P/RNG13
TIP13	IO		302		1/14	
TIP17	IO		102		1/14	
TIP21	IO		303		1/14	P/RNG25
TIP25	IO		103		1/14	P/RNG29
TIP29	IO		019			
OCASH01	IO		118			
	IO		020		1/7	
	IO		041		1/13	
OCA1	IO		315		1/7	
	IO		341		1/13	
OCA5	IO		216		1/7	
	IO		241		1/13	
OCB0	IO		242		1/5	
OCB1	IO		342		1/5	
	IO		316		1/5	
OCB2	IO		217		1/5	
OCB3	IO		122		1/5	
OCCK0	IO					

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OCCK1	IO		121		1/5	
OCCK2	IO		120		1/5	
OCCK3	IO		119		1/5	
OCDSCLK	IO		244		1/5	
	IO		318		1/5	
OCDSYN01	IO		238		1/7	
	IO		123		1/12	
OCOW	IO		243		1/5	
	IO		317		1/5	
OCHDA11	IO		339		1/7	
	IO		320		1/12	
OCHDAD1	IO		220		1/7	
	IO		036		1/12	
OCURPRN	IO		012		1/1	
OCURPRP	IO		112		1/1	
	IO		218		1/5	
OCW2	IO		343		1/5	
ODATA1	IO		018		1/13	
OTSAA1	IO		222		1/7	
	IO		139		1/12	
OTSAA5	IO		321		1/7	
	IO		236		1/12	
OTSBOB	IO		221		1/7	
	IO		336		1/12	
OTSBA1B	IO		239		1/12	
OTSBA2B	IO		338		1/7	
	IO		322		1/12	
OTSBA3B	IO		223		1/12	
04MCK1	IO		323		1/7	
	IO		337		1/12	

SYMBOL NO. 6  
982KCL CONNECTOR

SYMBOL NO. 8  
982KCL CONNECTOR

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
CONN	04-046A	982KCL	A	(W)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
CONN	04-054A	982KCL	A	(W)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		356		1/15	P/RNG01
	IO		156		1/15	P/RNG05
	IO		355		1/15	P/RNG09
	IO		155		1/15	P/RNG13
	IO		302		1/14	
	IO		102		1/14	
	IO		303		1/14	P/RNG25
	IO		103		1/14	P/RNG29
	IO		019			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	IO		118			
	IO		020		1/7	
	IO		041		1/13	
	IO		315		1/7	
	IO		341		1/13	
	IO		216		1/7	
	IO		241		1/13	
	IO		242		1/5	
	IO		342		1/5	
	IO		316		1/5	
	IO		217		1/5	
	IO		122		1/5	

NOTE(S):  
1. SEE NOTE 307 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

NOTE(S):  
1. SEE NOTE 307 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

PART OF FS 1  
SYMBOL(S) 5 6 7 8

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 2AC
SD-5X205-01		B1CC

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 9  
CHANNEL CIRCUIT

SYMBOL NO. 9 (CONT)  
CHANNEL CIRCUIT

SYMBOL NO. 11  
CHANNEL CIRCUIT

SYMBOL NO. 11 (CONT)  
CHANNEL CIRCUIT

DESIG EQPT LOC CODE ELEM IDENT OPT  
0CHAN8A2 04-062 SEE NOTE 306 A

DESIG EQPT LOC CODE ELEM IDENT OPT  
0CHAN8A2 04-062 SEE NOTE 306 A

DESIG EQPT LOC CODE ELEM IDENT OPT  
0CHAN8A3 04-070 SEE NOTE 306 A

DESIG EQPT LOC CODE ELEM IDENT OPT  
0CHAN8A3 04-070 SEE NOTE 306 A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
-5V04	PWR		204		1/5	
	PWR		304		1/5	
	PWR		024		1/1	
GRD04	GRD		124		1/1	
	GRD		133			
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
RNG02	GRD		335		1/15	P/TIP02
RNG06	IC		256		1/15	P/TIP06
RNG10	IC		255		1/15	P/TIP10
RNG14	IC		055		1/15	P/TIP14
RNG18	IC		202		1/14	
RNG22	IC		002		1/14	P/TIP26
RNG26	IC		203		1/14	P/TIP30
RNG30	IC		003		1/14	
TIP02	IC		356		1/15	P/RNG02
TIP06	IC		156		1/15	P/RNG06
TIP10	IC		355		1/15	P/RNG10
TIP14	IC		155		1/15	P/RNG14
TIP18	IC		302		1/14	
TIP22	IC		102		1/14	
TIP26	IC		303		1/14	P/RNG26
TIP30	IC		103		1/14	P/RNG30
OCASH02	IC		118		1/9	
OCASH12	IC		019		1/13	
	IC		020			
	IC		041			
OCA2	IC		341		1/9	
	IC		315		1/13	
OCA6	IC		241		1/9	
	IC		216		1/13	
OCB0	IC		242		1/5	
OCB1	IC		342		1/5	
OCB2	IC		316		1/5	
OCB3	IC		217		1/5	
OCCK0	IC		122		1/5	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OCCK1	IC		121		1/5	
	IC		120		1/5	
	IC		119		1/5	
OCDSCLK	IC		244		1/5	
	IC		318		1/5	
	IC		123		1/9	
OCDSYN CZ	IC		238		1/12	
	IC		243		1/5	
	IC		317		1/5	
OCHDA12	IC		320		1/9	
	IC		339		1/12	
	IC		220		1/9	
OCHDA02	IC		036		1/12	
	IC		012		1/1	
	IC		112		1/1	
OCLURPRN	IC		036		1/12	
	IC		012		1/1	
	IC		112		1/1	
OCWZ	IC		218		1/5	
	IC		343		1/5	
	IC		018		1/13	
GDATAZ	IC		139		1/9	
	IC		222		1/12	
	IC		321		1/9	
OTS A2	IC		139		1/9	
	IC		222		1/12	
	IC		321		1/9	
OTS A6	IC		236		1/12	
	IC		221		1/9	
	IC		336		1/12	
OTSB0C	IC		239		1/12	
	IC		322		1/9	
	IC		338		1/12	
OTSB1C	IC		223		1/12	
	IC		337		1/9	
	IC		323		1/12	
OTSB2C	IC		337		1/9	
	IC		323		1/12	
	IC		323		1/12	
OTSB3C	IC		223		1/12	
	IC		337		1/9	
	IC		323		1/12	
04MCK2	IC		256		1/15	
	IC		056		1/15	
	IC		255		1/15	

SYMBOL NO. 10  
982KL CONNECTOR

DESIG EQPT LOC CODE ELEM IDENT OPT  
CONN 04-062A 982KL A (W)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TIP07	IC		156		1/15	P/RNG07
TIP11	IC		355		1/15	P/RNG11
TIP15	IC		155		1/15	P/RNG15
TIP19	IC		302		1/14	P/RNG19
TIP23	IC		102		1/14	P/RNG23
TIP27	IC		303		1/14	P/RNG27
TIP31	IC		103		1/14	P/RNG31
OCASH03	IC		019			
	IC		118			
OCASH13	IC		020		1/11	
	IC		041		1/13	
OCA3	IC		315		1/13	
	IC		341		1/11	
OCA7	IC		216		1/11	
	IC		241		1/13	
OCB0	IC		242		1/5	
OCB1	IC		342		1/5	
OCB2	IC		316		1/5	
OCB3	IC		217		1/5	
OCCK0	IC		122		1/5	
OCCK1	IC		121		1/5	

NOTE(S):  
1. SEE NOTE 307 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		032		1/1	
	PWR		034		1/1	
	PWR		035		1/1	
	PWR		132		1/1	
	PWR		134		1/1	
	PWR		135		1/1	
-48V1	PWR		000		1/5	
	PWR		001		1/5	
	PWR		004		1/5	
	PWR		100		1/5	
	PWR		101		1/5	
	PWR		104		1/5	
-5V04	PWR		204		1/5	
	PWR		304		1/5	
	PWR		024		1/1	
GRD04	GRD		124		1/1	
	GRD		136			
	GRD		200			
	GRD		201			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		324			
	GRD		332			
	GRD		333			
	GRD		334			
	GRD		335			
RNG03	IC		256		1/15	P/TIP03
RNG07	IC		056		1/15	P/TIP07
RNG11	IC		255		1/15	P/TIP11
RNG15	IC		055		1/15	P/TIP15
RNG19	IC		202		1/14	P/TIP19
RNG23	IC		002		1/14	P/TIP23
RNG27	IC		203		1/14	P/TIP27
RNG31	IC		003		1/14	P/TIP31
TIP03	IC		356		1/15	P/RNG03
TIP07	IC		156		1/15	P/RNG07
TIP11	IC		355		1/15	P/RNG11
TIP15	IC		155		1/15	P/RNG15
TIP19	IC		302		1/14	P/RNG19
TIP23	IC		102		1/14	P/RNG23
TIP27	IC		303		1/14	P/RNG27
TIP31	IC		103		1/14	P/RNG31
OCASH03	IC		019			
	IC		118			
OCASH13	IC		020		1/11	
	IC		041		1/13	
OCA3	IC		315		1/13	
	IC		341		1/11	
OCA7	IC		216		1/11	
	IC		241		1/13	
OCB0	IC		242		1/5	
OCB1	IC		342		1/5	
OCB2	IC		316		1/5	
OCB3	IC		217		1/5	
OCCK0	IC		122		1/5	
OCCK1	IC		121		1/5	

PART OF FS 1  
SYMBOL(S) 9 10 11

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE 2	ISSUE ZAC
AT&T BELL LABORATORIES	SD-5X205-01	B1CD

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 12  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCOMDATA	04-078	TN842	A	(Z)
OCOMDATA	04-078	TN842B	A	(Y)
982RC	04-078	ED5D585-29(35A)	A	65

SYMBOL NO. 12 (CONT)  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCOMDATA	04-078	TN842	A	(Z)
OCOMDATA	04-078	TN842B	A	(Y)
982RC	04-078	ED5D585-29(35A)	A	65

SYMBOL NO. 12 (CONT)  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCOMDATA	04-078	TN842	A	(Z)
OCOMDATA	04-078	TN842B	A	(Y)
982RC	04-078	ED5D585-29(35A)	A	65

SYMBOL NO. 13 (CONT)  
COMMON CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCOMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PMR		018		1/1	
	PMR		050		1/1	
	PMR		118		1/1	
	PMR		150		1/1	
	PMR		218		1/1	
	PMR		230		1/1	
-48V1	PMR		318		1/1	
	PMR		350		1/1	
	PMR		000		1/5	
F+5V	PMR		100		1/5	
	PMR		201		1/5	
	PMR		343		1/12	
	PMR		344		1/12	
	PMR		345		1/12	
	PMR		346		1/12	
FGND	GRD		347		1/13	
	GRD		037		1/1	
	GRD		042		1/1	
	GRD		137		1/1	
	GRD		142		1/1	
	GRD		233		1/1	
	GRD		234		1/1	
	GRD		235		1/1	
	GRD		236		1/1	
	GRD		237		1/1	
	GRD		333		1/1	
	GRD		334		1/1	
	GRD		335		1/1	
	GRD		336		1/1	
	GRD		337		1/1	
GRD04	GRD		002			
	GRD		024			
	GRD		056			
	GRD		102			
	GRD		124			
	GRD		156			
	GRD		200			
	GRD		202			
	GRD		224			
	GRD		256			
	GRD		300			
	GRD		302			
OCDSYNCO	IO		324			
	IO		356			
	IO		115		1/5	
OCDSYNIC1	IO		015		1/7	
	IO		114		1/9	
	IO		014		1/11	
OCHDA10	IO		021		1/5	
	IO		121		1/7	
	IO		221		1/9	
OCHDA13	IO		321		1/11	
	IO		022		1/5	
	IO		122		1/7	
OCHDA02	IO		222		1/9	
	IO		322		1/11	
	IO		012		1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OCLRPRP	IO		112		1/1	
	IO		133		TO CAD 1 - BN	
	IO		033		TO CAD 1 - BN	
ODAIN1N	IO		138		TO CAD 1 - BN	
	IO		038		TO CAD 1 - BN	
	IO		134		TO CAD 1 - BN	
ODAUTON	IO		034		TO CAD 1 - BN	
	IO		139		TO CAD 1 - BN	
	IO		039		TO CAD 1 - BN	
DLPTST	IO		319		1/13	
	IO		120		1/13	
	IO		020		1/13	
OTSAS0	IO		308		1/5	
	IO		210		1/7	
	IO		310		1/9	
OTSAS3	IO		209		1/11	
	IO		509		1/5	
	IO		211		1/7	
OTSAS6	IO		311		1/9	
	IO		208		1/11	
	IO		220		1/13	
OTSBOA	IO		212		1/5	
	IO		312		1/7	
	IO		213		1/9	
OTSBO0	IO		206		1/11	
	IO		306		1/5	
	IO		207		1/7	
OTSBI1C	IO		307		1/9	
	IO		313		1/11	
	IO		214		1/5	
OTSBI2B	IO		314		1/7	
	IO		204		1/9	
	IO		304		1/11	
OTSBI3A	IO		205		1/5	
	IO		305		1/7	
	IO		215		1/9	
OTSBI3D	IO		315		1/11	
	IO		054		1/18, 1/21	
	IO		055		1/24, 1/27	
O256KHZ2	IO		154		1/30, 1/33	
	IO		155		1/36, 1/39	
	IO		254		2/18, 2/21	
O256KHZ5	IO		255		2/24, 2/27	
	IO		354		2/30, 2/33	
	IO		355		2/36, 2/39	
O4MCK10N	IO		136		TO CAD 1 - BN	
	IO		036		TO CAD 1 - BN	
	IO		141		TO CAD 1 - BN	
O4MCK11P	IO		041		TO CAD 1 - BN	
	IO		023		1/5	
	IO		123		1/7	
O4MCK2	IO		223		1/9	
	IO		323		1/11	
	IO		219		1/1	
O8KSNCON	IO		135		TO CAD 1 - BN	
	IO		035		TO CAD 1 - BN	
	IO		140		TO CAD 1 - BN	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
O8KSNCTP	IO		040		TO CAD 1 - BN	
+5V04	PMR		038		1/1	
	PMR		056		1/1	
	PMR		138		1/1	
	PMR		156		1/1	
	PMR		406		1/1	
	PMR		407		1/1	
	PMR		423		1/1	
	PMR		424		1/1	
	PMR		434		1/1	
	PMR		435		1/1	
	PMR		455		1/1	
	PMR		456		1/1	
	PMR		506		1/1	
	PMR		507		1/1	
	PMR		523		1/1	
	PMR		524		1/1	
	PMR		534		1/1	
	PMR		535		1/1	
-48V1N1C	PMR		555		1/1	
	PMR		556		1/1	
	IO		256		2/1	
F+5V	PMR		032		1/12	
	PMR		132		1/12	
	GRD		232		1/1	
FGND	GRD		332		1/1	
	GRD		024			
	GRD		034		TO CAD 1 - BL	
GRD04	GRD		124			
	GRD		234		TO CAD 1 - BK	
	GRD		300			
	GRD		301			
	GRD		400			
	GRD		401			
	GRD		404			
	GRD		405			
	GRD		421			
	GRD		422			
	GRD		432			
	GRD		433			
	GRD		453			
	GRD		454			
	GRD		500			

SYMBOL NO. 13  
COMMON CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OCOMCTRL	04-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD			501			
			504			
			505			
GRD			521			
			522			
			532			
GRD			533			
			553			
			554			
OACASW0	IO		052		1/15	
	IO		047		1/14	
	IO		008		1/15	
OACCK1	IO		307		1/14	
	IO		202		1/15	
	IO		102		1/14	
OACEN0	IO		040		1/15	
	IO		339		1/14	
	IO		355		1/18	
OASMG01	IO		350		1/21	
	IO		255		1/24	
	IO		250		1/27	
OASMG20	IO		155		1/30	
	IO		150		1/33	
	IO		055		1/36	
OASMG31	IO		050		1/39	
	IO		354		2/18	
	IO		349		2/21	
OASMG50	IO		254		2/24	
	IO		249		2/27	
	IO		154		2/30	
OASMG61	IO		149		2/33	
	IO		054		2/36	
	IO		049		2/39	
OCASW00	IO		353		1/5	
	IO		153		1/9	
	IO		248		1/7	
OCASW13	IO		048		1/11	
	IO		118		1/5	
	IO		016		1/7	
OCA2	IO		315		1/9	
	IO		215		1/11	
	IO		115		1/5	
OCA5	IO		015		1/7	
	IO		314		1/9	
	IO		214		1/11	
OCB0	IO		241		1/5	



PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 14 (CONT)  
ACCESS LINEARIZATION

SYMBOL NO. 14 (CONT)  
ACCESS LINEARIZATION

SYMBOL NO. 15 (CONT)  
ACCESS POWER & CONTROL

SYMBOL NO. 15 (CONT)  
ACCESS POWER & CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT						
OGDXAXL	04-096	TN831	A		OGDXAXL	04-096	TN831	A		OGDXAXP	04-104	TN832	A		OGDXAXP	04-104	TN832	A							
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE		
TB21	IO		341	1/18, 1/24 1/30, 1/36 2/21, 2/27 2/33, 2/39	P/RB21	OACBUS3T	IO		009	1/15, 2/2	P/OACBUS3R	RB1	IO		234	1/21, 1/24 1/33, 1/39	P/TB1	RNG11	IO		216	1/11			
TB22	IO		342	1/21, 1/27 1/33, 1/36 2/18, 2/24 2/30, 2/39	P/RB22	OACBUS4R	IO		146	1/15, 2/3	P/OACBUS4T	RB10	IO		014	1/21, 1/24 1/33, 1/36 2/21, 2/24 2/33, 2/39	P/TB10	RNG12	IO		218	1/5			
TB23	IO		343	1/18, 1/27 1/30, 1/39 2/21, 2/24 2/33, 2/36	P/RB23	OACBUS4T	IO		046	1/15, 2/3	P/OACBUS4R	RB11	IO		215	1/18, 1/24 1/30, 1/39 2/18, 2/24 2/33, 2/36	P/TB11	RNG13	IO		219	1/7			
TB24	IO		314	1/18, 1/27 1/33, 1/39 2/21, 2/24 2/33, 2/39	P/RB24	OACBUS5T	IO		346	1/15, 2/4	P/OACBUS5T	RB12	IO		015	1/21, 1/27 1/30, 1/36	P/TB12	RNG14	IO		018	1/9			
TB25	IO		313	1/21, 1/27 1/30, 1/36 2/18, 2/24 2/30, 2/36	P/RB25	OACBUS5T	IO		246	1/15, 2/4 1/15	P/OACBUS5R	RB13	IO		220	1/18, 1/27 1/33, 1/39 2/21, 2/27 2/33, 2/39	P/TB13	RNG15	IO		019	1/11			
TB26	IO		114	1/18, 1/24 1/33, 1/36 2/21, 2/27 2/33, 2/36	P/RB26	OACBUS6T	IO		332	1/15	P/OACBUS6R	RB14	IO		221	1/21, 1/24 1/30, 1/39 2/18, 2/24 2/33, 2/36	P/TB14	TB0	IO		335	1/18, 1/24 1/30, 1/36 2/18, 2/24 2/30, 2/36	P/RB0		
TB27	IO		315	1/21, 1/24 1/30, 1/39 2/18, 2/27 2/30, 2/39	P/RB27	OACBUS7T	IO		032	1/15	P/OACBUS7R	RB15	IO		222	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/39	P/TB15	TB1	IO		334	1/21, 1/24 1/33, 1/39 2/21, 2/24 2/33, 2/39	P/RB1		
TB28	IO		115	1/18, 1/27 1/30, 1/36 2/21, 2/24 2/30, 2/36	P/RB28	OACBUS7T	IO		132	1/15	P/OACBUS7R	RB15	IO		222	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/39	P/TB15	TB10	IO		114	1/21, 1/24 1/33, 1/36 2/21, 2/24 2/33, 2/39	P/RB10		
TB29	IO		320	1/21, 1/27 1/33, 1/39 2/18, 2/24 2/33, 2/39	P/RB29	OACCK1	IO		353	1/13	P/OACCK1	RB15	IO		222	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/36	P/TB15	TR11	IO		315	1/18, 1/24 1/30, 1/39 2/18, 2/24 2/33, 2/36	P/RB11		
TB30	IO		321	1/18, 1/24 1/30, 1/36 2/21, 2/27 2/33, 2/36	P/RB30	OACDATA1	IO		352	1/13	P/OACDATA1	RB15	IO		222	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/36	P/TB15	TR11	IO		315	1/18, 1/24 1/30, 1/39 2/18, 2/24 2/33, 2/36	P/RB11		
TB31	IO		322	1/21, 1/27 1/33, 1/39 2/18, 2/24 2/33, 2/36	P/RB31	OACEN1	IO		153	1/13	P/OACEN1	RB15	IO		222	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/36	P/TB15	TR11	IO		315	1/18, 1/24 1/30, 1/39 2/18, 2/24 2/33, 2/36	P/RB11		
TIP16	IO		138	1/5	P/RNG16	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	RB3	IO		236	1/21, 1/27 1/33, 1/36 2/21, 2/27 2/33, 2/36	P/TB3	TB12	IO		115	1/21, 1/27 1/30, 1/36 2/21, 2/27 2/33, 2/39	P/RB12		
TIP17	IO		137	1/7	P/RNG17	+260V0	PHR		105	1/14		RB4	IO		036	1/18, 1/24 1/33, 1/39 2/18, 2/24 2/33, 2/39	P/TB4	TB13	IO		320	1/18, 1/27 1/33, 1/39 2/18, 2/27 2/30, 2/36	P/RB13		
TIP18	IO		338	1/9	P/RNG18	+295V0	PHR		207	1/14		RB4	IO		036	1/18, 1/24 1/33, 1/39 2/18, 2/24 2/33, 2/39	P/TB4	TB14	IO		321	1/21, 1/24 1/30, 1/39 2/18, 2/27 2/30, 2/36	P/RB14		
TIP19	IO		337	1/11	P/RNG20	+297V0	PHR		354	1/14		RB5	IO		241	1/21, 1/24 1/30, 1/36 2/21, 2/24 2/30, 2/36	P/TB5	TB15	IO		322	1/18, 1/24 1/33, 1/36 2/18, 2/24 2/30, 2/39	P/RB15		
TIP20	IO		339	1/5	P/RNG21	+300V0	PHR		206	1/14	305	RB5	IO		241	1/21, 1/24 1/30, 1/36 2/21, 2/24 2/30, 2/36	P/TB5	TB2	IO		135	1/18, 1/27 1/30, 1/39 2/18, 2/27 2/30, 2/36	P/RB2		
TIP21	IO		340	1/7	P/RNG21	+300VSG0	PHR		107	1/14	305	RB6	IO		242	1/18, 1/27 1/33, 1/36 2/18, 2/27 2/33, 2/36	P/TB6	TB3	IO		336	1/21, 1/27 1/33, 1/36 2/21, 2/27 2/33, 2/36	P/RB3		
TIP22	IO		139	1/9	P/RNG22	+300VSG1	PHR		106	2/15	305	RB6	IO		242	1/18, 1/27 1/33, 1/36 2/18, 2/27 2/33, 2/36	P/TB6	TB4	IO		136	1/18, 1/24 1/33, 1/39 2/18, 2/24 2/33, 2/39	P/RB4		
TIP23	IO		140	1/11	P/RNG22	+5P	PHR		001	1/14		RB7	IO		243	1/21, 1/27 1/30, 1/39 2/21, 2/27 2/30, 2/39	P/TB7	TB5	IO		341	1/21, 1/24 1/30, 1/36 2/21, 2/24 2/30, 2/36	P/RB5		
TIP24	IO		117	1/5	P/RNG22	+5V04	PHR		101	1/14		RB8	IO		214	1/21, 1/27 1/33, 1/39 2/21, 2/27 2/30, 2/36	P/TB8	TB6	IO		342	1/18, 1/27 1/33, 1/36 2/18, 2/27 2/33, 2/36	P/RB6		
TIP25	IO		116	1/7	P/RNG22	-48V1	PHR		003	1/5		RB9	IO		213	1/18, 1/27 1/30, 1/36 2/18, 2/27 2/33, 2/39	P/TB9	TB7	IO		343	1/21, 1/27 1/30, 1/39 2/21, 2/27	P/RB7		
TIP26	IO		317	1/9	P/RNG28	GRD04	GRD		004	1/5		RNG00	IO		038	1/5									
TIP27	IO		316	1/11	P/RNG28	GRD04	GRD		000			RNG01	IO		037	1/7									
TIP28	IO		318	1/5	P/RNG28	GRD04	GRD		033			RNG02	IO		238	1/9									
TIP29	IO		319	1/7	P/RNG28	GRD04	GRD		034			RNG03	IO		237	1/11									
TIP30	IO		118	1/9	P/RNG28	GRD04	GRD		100			RNG04	IO		239	1/5									
TIP31	IO		119	1/11	P/RNG28	GRD04	GRD		133			RNG05	IO		240	1/7									
OACASH1	IO		051	1/13	P/OACBUS0T	GRD04	GRD		134			RNG06	IO		039	1/9									
OACBUS0R	IO		310	1/2	P/OACBUS0T	GRD04	GRD		200			RNG07	IO		040	1/11									
OACBUS0T	IO		210	1/2	P/OACBUS0R	GRD04	GRD		203			RNG08	IO		017	1/5									
OACBUS1R	IO		209	1/3	P/OACBUS1T	GRD04	GRD		204			RNG09	IO		016	1/7									
OACBUS1T	IO		309	1/3	P/OACBUS1R	GRD04	GRD		252			RNG10	IO		217	1/9									
OACBUS2R	IO		010	1/4	P/OACBUS2T	GRD04	GRD		303																
OACBUS2T	IO		110	1/4	P/OACBUS2R	GRD04	GRD		304																
OACBUS3R	IO		109	1/15, 2/2	P/OACBUS3T	GRD04	GRD		302																
						GRD04	GRD		305																
						GRD04	GRD		235	1/18, 1/24 1/30, 1/36 2/18, 2/24 2/30, 2/36	P/TB0														

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LINE UNIT, MODEL 2  
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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 15 (CONT)  
ACCESS POWER & CONTROL

SYMBOL NO. 16  
TIP AND RING GRID 0 ( 4:1 )

SYMBOL NO. 17  
TIP AND RING GRID 0 ( 4:1 )

SYMBOL NO. 15 (CONT)							SYMBOL NO. 16							SYMBOL NO. 17										
ACCESS POWER & CONTROL							TIP AND RING GRID 0 ( 4:1 )							TIP AND RING GRID 0 ( 4:1 )										
DESIG	EDPT	CODE	ELEM	OPT			DESIG	EDPT	CODE	ELEM	OPT				DESIG	EDPT	CODE	ELEM	OPT					
OGDXXP	04-104	TN832	A				TF	04-110	TERMINAL	FIELD	A				TF	04-111	SEE NOTE 207	A						
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE				
DESIG		MOD	OPT				DESIG		MOD	OPT					DESIG		MOD	OPT						
TB8	10			2/30,2/39 1/21,1/27 1/33,1/39 2/21,2/27 2/30,2/36	P/RB8		R0000	10			1/18 TO CAD 1 - AD			T0000	10				1/18 TO CAD 1 - AD					
TB9	10			1/18,1/27 1/30,1/36 2/18,2/27 2/33,2/39	P/RB9		R0001	10			1/18 TO CAD 1 - AD			T0001	10				1/18 TO CAD 1 - AD					
TIP00	10			1/5			R0002	10			1/18 TO CAD 1 - AD			T0002	10				1/18 TO CAD 1 - AD					
TIP01	10	138		1/7			R0003	10			1/18 TO CAD 1 - AD			T0003	10				1/18 TO CAD 1 - AD					
TIP02	10	137		1/9			R0010	10			1/18 TO CAD 1 - AD			T0010	10				1/18 TO CAD 1 - AD					
TIP03	10	337		1/11			R0011	10			1/18 TO CAD 1 - AD			T0011	10				1/18 TO CAD 1 - AD					
TIP04	10	339		1/5			R0012	10			1/18 TO CAD 1 - AD			T0012	10				1/18 TO CAD 1 - AD					
TIP05	10	340		1/7			R0013	10			1/18 TO CAD 1 - AD			T0013	10				1/18 TO CAD 1 - AD					
TIP06	10	139		1/9			R0020	10			1/18 TO CAD 1 - AP	P/T0020		T0020	10				1/18 TO CAD 1 - AP					P/R0020
TIP07	10	140		1/11			R0021	10			1/18 TO CAD 1 - AP			T0021	10				1/18 TO CAD 1 - AP					
TIP08	10	117		1/5			R0022	10			1/18 TO CAD 1 - AP	P/T0022		T0022	10				1/18 TO CAD 1 - AP					P/R0022
TIP09	10	116		1/7			R0023	10			1/18 TO CAD 1 - AP	P/T0023		T0023	10				1/18 TO CAD 1 - AP					P/R0023
TIP10	10	317		1/9							1/18 TO CAD 1 - AP								1/18 TO CAD 1 - AP					
TIP11	10	316		1/11			R0030	10			1/18 TO CAD 1 - AP	P/T0030		T0030	10				1/18 TO CAD 1 - AP					P/R0030
TIP12	10	318		1/5			R0031	10			1/18 TO CAD 1 - AP	P/T0031		T0031	10				1/18 TO CAD 1 - AP					P/R0031
TIP13	10	319		1/7			R0032	10			1/18 TO CAD 1 - AP	P/T0032		T0032	10				1/18 TO CAD 1 - AP					P/R0032
TIP14	10	118		1/9							1/18 TO CAD 1 - AP								1/18 TO CAD 1 - AP					
TIP15	10	119		1/11			R0033	10			1/18 TO CAD 1 - AP	P/T0033		T0033	10				1/18 TO CAD 1 - AP					P/R0033
OACASH0	10	051		1/13			R0040	10			1/18 TO CAD 1 - BI			T0040	10				1/18 TO CAD 1 - BI					
OACBUS0R	10	310		1/2	P/OACBUS0T		R0041	10			1/18 TO CAD 1 - BI			T0041	10				1/18 TO CAD 1 - BI					
OACBUS0T	10	210		1/2	P/OACBUS0R		R0042	10			1/18 TO CAD 1 - BI			T0042	10				1/18 TO CAD 1 - BI					
OACBUS1R	10	209		1/3	P/OACBUS1T		R0043	10			1/18 TO CAD 1 - BI			T0043	10				1/18 TO CAD 1 - BI					
OACBUS1T	10	309		1/3	P/OACBUS1R		R0050	10			1/18 TO CAD 1 - BI			T0050	10				1/18 TO CAD 1 - BI					
OACBUS2R	10	010		1/4	P/OACBUS2T		R0051	10			1/18 TO CAD 1 - BI			T0051	10				1/18 TO CAD 1 - BI					
OACBUS2T	10	110		1/4	P/OACBUS2R		R0052	10			1/18 TO CAD 1 - BI			T0052	10				1/18 TO CAD 1 - BI					
OACBUS3R	10	109		1/14			R0053	10			1/18 TO CAD 1 - BI			T0053	10				1/18 TO CAD 1 - BI					
OACBUS3T	10	009		1/14							1/18 TO CAD 1 - BI								1/18 TO CAD 1 - BI					
OACBUS4R	10	148		1/14	P/OACBUS4T		R0060	10			1/18 TO CAD 1 - BJ			T0060	10				1/18 TO CAD 1 - BJ					
OACBUS4T	10	048		1/14	P/OACBUS4R		R0061	10			1/18 TO CAD 1 - BJ			T0061	10				1/18 TO CAD 1 - BJ					
OACBUS5R	10	346		1/14	P/OACBUS5T		R0062	10			1/18 TO CAD 1 - BJ			T0062	10				1/18 TO CAD 1 - BJ					
OACBUS5T	10	246		1/14	P/OACBUS5R						1/18 TO CAD 1 - BJ								1/18 TO CAD 1 - BJ					
OACBUS6R	10	232		1/14	P/OACBUS6T		R0063	10			1/18 TO CAD 1 - BJ	P/T0063		T0063	10				1/18 TO CAD 1 - BJ					P/R0063
OACBUS6T	10	332		1/14	P/OACBUS6R		R0070	10			1/18 TO CAD 1 - BJ			T0070	10				1/18 TO CAD 1 - BJ					
OACBUS7R	10	032		1/14	P/OACBUS7T		R0071	10			1/18 TO CAD 1 - BJ			T0071	10				1/18 TO CAD 1 - BJ					
OACBUS7T	10	132		1/14	P/OACBUS7R						1/18 TO CAD 1 - BJ								1/18 TO CAD 1 - BJ					
OACCK0	10	353		1/13			R0072	10			1/18 TO CAD 1 - BJ	P/T0072		T0072	10				1/18 TO CAD 1 - BJ					P/R0072
OACDATA0	10	352		1/13			R0073	10			1/18 TO CAD 1 - BJ	P/T0073		T0073	10				1/18 TO CAD 1 - BJ					P/R0073
OACEN0	10	153		1/13							1/18 TO CAD 1 - BJ								1/18 TO CAD 1 - BJ					
OANLED	10	154		2/13							1/18 TO CAD 1 - BJ								1/18 TO CAD 1 - BJ					
OPRALM0	10	251		1/13							1/18 TO CAD 1 - BJ								1/18 TO CAD 1 - BJ					

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SYMBOL(S) 15 16 17

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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 18 (CONT)  
HALF GRID

SYMBOL NO. 19 (CONT)  
TIP AND RING GRID 0 ( 4:1 )

SYMBOL NO. 20 (CONT)  
TIP AND RING GRID 0 ( 4:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG0	04-112	TN838	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	04-118	TERMINAL FIELD	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	04-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0050	IO		052		1/17	P/R0050
T0051	IO		050		1/17	P/R0051
T0052	IO		048		1/17	P/R0052
T0053	IO		046		1/17	P/R0053
T0060	IO		053		1/17	P/R0060
T0061	IO		051		1/17	P/R0061
T0062	IO		049		1/17	P/R0062
T0063	IO		047		1/17	
T0070	IO		252		1/17	P/R0070
T0071	IO		250		1/17	P/R0071
T0072	IO		248		1/17	
T0073	IO		246		1/17	
DASHG00	IO		237		1/13	
OCLG0	IO		241		1/13	
ODG0	IO		338		1/13	
OEG00	IO		341		1/13	
OPAG00	IO		236		1/13	
OSLG0	IO		240		1/13	
0256KHZ0	IO		038		1/12	
1ASHG00	IO		337		2/13	
1CLG0	IO		339		1/21, 2/13	
1DG0	IO		238		1/21, 2/13	
1EG00	IO		239		2/13	
1PAG00	IO		336		2/13	
1SLG0	IO		340		1/21, 2/13	
1256KHZ0	IO		138		1/21, 2/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0130	IO		019		1/21 TO CAD 1 - AN	P/T0130
R0131	IO		020		1/21 TO CAD 1 - AN	P/T0131
R0132	IO		021		1/21 TO CAD 1 - AN	P/T0132
R0133	IO		022		1/21 TO CAD 1 - AN	P/T0133
R0140	IO		034		1/21 TO CAD 1 - BG	
R0141	IO		035		1/21 TO CAD 1 - BG	
R0142	IO		036		1/21 TO CAD 1 - BG	
R0143	IO		037		1/21 TO CAD 1 - BG	
R0150	IO		038		1/21 TO CAD 1 - BG	
R0151	IO		039		1/21 TO CAD 1 - BG	
R0152	IO		040		1/21 TO CAD 1 - BG	
R0153	IO		041		1/21 TO CAD 1 - BG	
R0160	IO		047		1/21 TO CAD 1 - BH	
R0161	IO		048		1/21 TO CAD 1 - BH	
R0162	IO		049		1/21 TO CAD 1 - BH	
R0163	IO		050		1/21 TO CAD 1 - BH	P/T0163
R0170	IO		051		1/21 TO CAD 1 - BH	
R0171	IO		052		1/21 TO CAD 1 - BH	
R0172	IO		053		1/21 TO CAD 1 - BH	P/T0172
R0173	IO		054		1/21 TO CAD 1 - BH	P/T0173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0112	IO		008		1/21 TO CAD 1 - AM	
T0113	IO		009		1/21 TO CAD 1 - AM	
T0120	IO		015		1/21 TO CAD 1 - AM	P/R0120
T0121	IO		016		1/21 TO CAD 1 - AM	
T0122	IO		017		1/21 TO CAD 1 - AM	P/R0122
T0123	IO		018		1/21 TO CAD 1 - AM	P/R0123
T0130	IO		019		1/21 TO CAD 1 - AN	P/R0130
T0131	IO		020		1/21 TO CAD 1 - AN	P/R0131
T0132	IO		021		1/21 TO CAD 1 - AN	P/R0132
T0133	IO		022		1/21 TO CAD 1 - AN	P/R0133
T0140	IO		034		1/21 TO CAD 1 - BG	
T0141	IO		035		1/21 TO CAD 1 - BG	
T0142	IO		036		1/21 TO CAD 1 - BG	
T0143	IO		037		1/21 TO CAD 1 - BG	
T0150	IO		038		1/21 TO CAD 1 - BG	
T0151	IO		039		1/21 TO CAD 1 - BG	
T0152	IO		040		1/21 TO CAD 1 - BG	
T0153	IO		041		1/21 TO CAD 1 - BG	
T0160	IO		047		1/21 TO CAD 1 - BH	
T0161	IO		048		1/21 TO CAD 1 - BH	
T0162	IO		049		1/21 TO CAD 1 - BH	
T0163	IO		050		1/21 TO CAD 1 - BH	P/R0163
T0170	IO		051		1/21 TO CAD 1 - BH	
T0171	IO		052		1/21 TO CAD 1 - BH	
T0172	IO		053		1/21 TO CAD 1 - BH	P/R0172
T0173	IO		054		1/21 TO CAD 1 - BH	P/R0173

SYMBOL NO. 19  
TIP AND RING GRID 0 ( 4:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	04-118	TERMINAL FIELD	A	

SYMBOL NO. 20  
TIP AND RING GRID 0 ( 4:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	04-119	SEE NOTE 207	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R0100	IO		002		1/21 TO CAD 1 - AM	
R0101	IO		003		1/21 TO CAD 1 - AM	
R0102	IO		004		1/21 TO CAD 1 - AM	
R0103	IO		005		1/21 TO CAD 1 - AM	
R0110	IO		006		1/21 TO CAD 1 - AM	
R0111	IO		007		1/21 TO CAD 1 - AM	
R0112	IO		008		1/21 TO CAD 1 - AM	
R0113	IO		009		1/21 TO CAD 1 - AM	
R0120	IO		015		1/21 TO CAD 1 - AN	P/T0120
R0121	IO		016		1/21 TO CAD 1 - AN	
R0122	IO		017		1/21 TO CAD 1 - AN	P/T0122
R0123	IO		018		1/21 TO CAD 1 - AN	P/T0123

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T0100	IO		002		1/21 TO CAD 1 - AM	
T0101	IO		003		1/21 TO CAD 1 - AM	
T0102	IO		004		1/21 TO CAD 1 - AM	
T0103	IO		005		1/21 TO CAD 1 - AM	
T0110	IO		006		1/21 TO CAD 1 - AM	
T0111	IO		007		1/21 TO CAD 1 - AM	

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SYMBOL(S) 18 19 20

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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 21 HALF GRID							SYMBOL NO. 21 (CONT) HALF GRID							SYMBOL NO. 21 (CONT) HALF GRID							SYMBOL NO. 21 (CONT) HALF GRID							
DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT	DESIG	EDPT LOC	CODE	ELEM IDENT	OPT				
GDXHG1	04-120	TN838	A		GDXHG1	04-120	TN838	A		GDXHG1	04-120	TN838	A		GDXHG1	04-120	TN838	A		GDXHG1	04-120	TN838	A					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
+300V02	PNR		106		1/27	305	RB41	IO		020		1/24, 1/33	P/TB41	R0133	IO		216		1/19		TB5	IO		323		1/15	P/RB5	
+300V03	PNR		006		1/27	305						1/39, 2/15		R0140	IO		353		1/19		TB51	IO		334		1/24, 1/30	P/RB51	
+5V04	PNR		001		1/1							2/21, 2/24		R0141	IO		351		1/19							1/39, 2/14		
												2/30, 2/36														2/18, 2/27		
+5V13	PNR		101		1/1		RB43	IO		220		1/27, 1/33	P/TB43	R0142	IO		349		1/19		TB53	IO		344		2/33, 2/36		
-48RTN	GRD		055		1/18							1/36, 2/15		R0143	IO		347		1/19							1/27, 1/33		
	GRD		056		1/18							2/21, 2/27		R0150	IO		152		1/19							1/39, 2/14		
	GRD		155		1/18		RB45	IO		224		2/30, 2/39	P/TB45	R0151	IO		150		1/19		TB55	IO		144		2/18, 2/24	P/RB55	
	GRD		156		1/18							1/24, 1/30		R0152	IO		148		1/19							1/36, 2/15		
	GRD		203		1/18							1/36, 2/15		R0153	IO		146		1/19							2/33, 2/36		
	GRD		204		1/18		RB47	IO		024		2/21, 2/24	P/TB47	R0160	IO		153		1/19		TB56	IO		133		1/24, 1/30		
	GRD		206		1/18							2/33, 2/39		R0161	IO		151		1/19							2/18, 2/27		
	GRD		207		1/18							1/27, 1/30		R0162	IO		149		1/19		TB58	IO		333		1/24, 1/30		
	GRD		208		1/18		RB49	IO		034		1/27, 1/30	P/TB49	R0163	IO		147		1/19							1/36, 2/14		
	GRD		255		1/18							1/36, 2/14		R0170	IO		352		1/19		TB60	IO		333		2/18, 2/24		
	GRD		256		1/18							2/18, 2/24		RC171	IO		350		1/19							1/27, 1/30		
	GRD		301		1/18		RB5	IO		223		2/33, 2/39	P/TB5	R0172	IO		348		1/19		TB62	IO		143		1/36, 2/14		
	GRD		302		1/18		RB51	IO		234		1/15	P/TB51	R0173	IO		346		1/19							2/30, 2/39		
	GRD		303		1/18							1/24, 1/30		TB1	IO		119		1/15		TB66	IO		343		1/24, 1/33		
	GRD		304		1/18							1/39, 2/14		TB10	IO		318		1/15							1/39, 2/14		
	GRD		306		1/18							2/18, 2/27		TB12	IO		322		1/15		TB68	IO		118		2/18, 2/27		
	GRD		307		1/18							2/33, 2/36		TB14	IO		122		1/15							2/33, 2/39		
	GRD		308		1/18		RB53	IO		244		1/27, 1/33	P/TB53	TB16	IO		132		1/14		TB7	IO		123		1/27, 1/33		
	GRD		355		1/18							1/39, 2/14		TB18	IO		332		1/14							1/36, 2/14		
	GRD		356		1/18							2/18, 2/24		TB20	IO		342		1/14		TB77	IO		111		2/18, 2/24		
-48V2	PNR		003		1/18		RB55	IO		044		2/30, 2/36	P/TB55	TB22	IO		142		1/14							1/15	P/RB7	
GRD04	PNR		004		1/18							1/24, 1/33		TB25	IO		135		1/14		TB8	IO		118		1/15	P/RB8	
	GRD		000		1/18							2/18, 2/27		TB27	IO		335		1/14		T0100	IO		110		1/20	P/R0100	
	GRD		036		1/18		RB56	IO		033		2/30, 2/39									T0101	IO		111		1/20	P/R0101	
	GRD		037		1/18							1/24, 1/30		TB29	IO		345		1/14							1/20	P/R0102	
	GRD		100		1/18							1/36, 2/14		TB3	IO		319		1/15		T0102	IO		313		1/20	P/R0103	
	GRD		136		1/18							2/18, 2/27		TB31	IO		145		1/14		T0103	IO		315		1/20	P/R0103	
	GRD		137		1/18		RB58	IO		253		2/30, 2/36		TB32	IO		117		1/14		T0110	IO		114		1/20	P/R0110	
	GRD		140		1/18							1/27, 1/30														1/16	P/R0111	
	GRD		141		1/18							1/39, 2/14		TB34	IO		317		1/14		T0111	IO		116		1/20	P/R0111	
	GRD		200		1/18		RB60	IO		243		2/18, 2/24									T0112	IO		310		1/20	P/R0112	
	GRD		300		1/18							2/33, 2/39		TB36	IO		321		1/14		T0113	IO		312		1/20	P/R0113	
RB1	IO		019		1/15							1/24, 1/33									T0120	IO		113		1/20		
RB10	IO		218		1/15		RB62	IO		043		1/36, 2/15		TB38	IO		121		1/24, 1/30		T0121	IO		115		1/20	P/R0121	
RB12	IO		222		1/15							2/21, 2/27									T0122	IO		309		1/20		
RB14	IO		022		1/15		RB7	IO		023		2/18, 2/27		TB38	IO		121		1/24, 1/30							1/20		
RB16	IO		032		1/14		RB8	IO		018		2/33, 2/39									T0132	IO		314		1/20		
RB18	IO		232		1/14		RMTSRT	IO		103		1/36, 2/15		TB41	IO		120		1/39, 2/15		T0133	IO		316		1/20		
RB20	IO		242		1/14							2/30, 2/39									T0140	IO		253		1/20	P/R0140	
RB22	IO		042		1/14		R0100	IO		010		1/24, 1/33		TB43	IO		320		1/39, 2/15							1/20	P/R0141	
RB25	IO		035		1/14		R0101	IO		011		2/21, 2/24									T0142	IO		249		1/20	P/R0142	
RB27	IO		235		1/14		R0102	IO		213		2/30, 2/36									T0143	IO		247		1/20	P/R0143	
RB29	IO		245		1/14		R0105	IO		215		1/27, 1/30		TB43	IO		320		1/27, 1/33							1/20	P/R0150	
RB3	IO		219		1/15		R0110	IO		014		1/36, 2/15									T0151	IO		050		1/20	P/R0151	
RB31	IO		045		1/14		R0111	IO		016		2/21, 2/27									T0152	IO		048		1/20	P/R0152	
RB32	IO		017		1/27, 1/33		R0112	IO		210		2/30, 2/36		TB45	IO		324		1/24, 1/30							1/20	P/R0153	
					1/39, 2/15		R0113	IO		212		1/36, 2/15																
					2/21, 2/27		R0120	IO		013		2/21, 2/24																
					2/33, 2/39							2/33, 2/39		TB47	IO		124		1/27, 1/30									
RB34	IO		217		1/24, 1/33		R0121	IO		015		1/39, 2/15																
					1/36, 2/15		R0122	IO		209		2/21, 2/24																
					2/21, 2/24		R0123	IO		2																		

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 21 (CONT) HALF GRID							SYMBOL NO. 22 (CONT) TIP AND RING GRID 1 ( 4:1 )							SYMBOL NO. 23 (CONT) TIP AND RING GRID 1 ( 4:1 )															
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			DESIG	EOPT LOC	CODE	ELEM IDENT	OPT				DESIG	EOPT LOC	CODE	ELEM IDENT	OPT										
GDXHG1	04-120	TN838	A				TF	04-126	TERMINAL FIELD	A					TF	04-127	SEE NOTE 207	A											
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE		
T0160	IO		053		1/20	P/R0160	R1033	IO		022		1/24	P/T1033	T1021	IO		016		1/24										
T0161	IO		051		1/20	P/R0161	R1040	IO		034		1/24		T1022	IO		017		1/24	TO CAD 1 - AL	P/R1022								
T0162	IO		049		1/20	P/R0162	R1041	IO		035		1/24		T1023	IO		018		1/24	TO CAD 1 - AL	P/R1023								
T0163	IO		047		1/20		R1042	IO		036		1/24		T1030	IO		019		1/24	TO CAD 1 - AL	P/R1030								
T0170	IO		252		1/20	P/R0170	R1043	IO		037		1/24		T1031	IO		020		1/24	TO CAD 1 - AL	P/R1031								
T0171	IO		250		1/20	P/R0171	R1050	IO		038		1/24		T1032	IO		021		1/24	TO CAD 1 - AL	P/R1032								
T0172	IO		248		1/20		R1051	IO		039		1/24		T1033	IO		022		1/24	TO CAD 1 - AL	P/R1033								
T0173	IO		246		1/20		R1052	IO		040		1/24		T1040	IO		034		1/24	TO CAD 1 - AL									
0ASHG01	IO		237		1/13		R1053	IO		041		1/24		T1041	IO		035		1/24	TO CAD 1 - BE									
0ELG0	IO		241		1/13		R1060	IO		047		1/24		T1042	IO		036		1/24	TO CAD 1 - BE									
0DGO	IO		338		1/13		R1061	IO		048		1/24		T1043	IO		037		1/24	TO CAD 1 - BE									
0EG01	IO		341		1/13		R1062	IO		049		1/24		T1050	IO		038		1/24	TO CAD 1 - BE									
0PAC01	IO		236		1/13		R1063	IO		050		1/24	P/T1063	T1051	IO		039		1/24	TO CAD 1 - BE									
0SLG0	IO		240		1/13		R1070	IO		051		1/24		T1052	IO		040		1/24	TO CAD 1 - BE									
0256KH20	IO		038		1/12		R1071	IO		052		1/24		T1053	IO		041		1/24	TO CAD 1 - BE									
1ASHG01	IO		337		2/13		R1072	IO		053		1/24	P/T1072	T1060	IO		047		1/24	TO CAD 1 - BE									
1CLG0	IO		339		1/18		R1073	IO		054		1/24	P/T1073	T1061	IO		048		1/24	TO CAD 1 - BF									
1DG0	IO		238		1/18									T1062	IO		049		1/24	TO CAD 1 - BF									
1EG01	IO		239		2/13									T1063	IO		050		1/24	TO CAD 1 - BF	P/R1063								
1PAG01	IO		336		2/13									T1070	IO		051		1/24	TO CAD 1 - BF									
1SLG0	IO		340		1/18									T1071	IO		052		1/24	TO CAD 1 - BF									
1256KH20	IO		138		1/18									T1072	IO		053		1/24	TO CAD 1 - BF	P/R1072								
														T1073	IO		054		1/24	TO CAD 1 - BF	P/R1073								

PART OF FS 1  
SYMBOL(S) 21 22 23

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE  
C

ISSUE  
1

AT&T  
BELL LABORATORIES

SD-5X205-01

B1CM

PRINTED IN U.S.A.

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 24  
HALF GRID

SYMBOL NO. 24 (CONT)  
HALF GRID

SYMBOL NO. 24 (CONT)  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			
GDXXG2	04-128	TN838	A		GDXXG2	04-128	TN838	A		GDXXG2	04-128	TN838	A				
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+300V00	PWR		006	1/18	305	RB50	IO		232	1/18	P/TB50	TB40	IO		118	1/18	P/RB40
+300V01	PWR		106	1/18	305	RB51	IO		234	1/21	P/TB51	TB41	IO		120	1/21	P/RB41
+5V04	PWR		001	1/1		RB54	IO		042	1/18	P/TB54	TB44	IO		322	1/18	P/RB44
+5V13	PWR		101	1/1		RB55	IO		044	1/21	P/TB55	TB45	IO		324	1/21	P/RB45
-48RTN	GRD		055	1/18		RB56	IO		033	1/21	P/TB56	TB5	IO		323	1/15	P/RB5
	GRD		056	1/18		RB57	IO		035	1/18	P/TB57	TB50	IO		332	1/18	P/RB50
	GRD		155	1/18		RB60	IO		243	1/21	P/TB60	TB51	IO		334	1/21	P/RB51
	GRD		156	1/18		RB61	IO		245	1/18	P/TB61	TB54	IO		142	1/18	P/RB54
	GRD		203	1/18		RMTSRT	IO		103	1/14		TB55	IO		144	1/21	P/RB55
	GRD		204	1/18		R1000	IO		010	1/22	P/T1000	TB56	IO		133	1/21	P/RB56
	GRD		206	1/18		R1001	IO		011	1/22	P/T1001	TB57	IO		135	1/18	P/RB57
	GRD		207	1/18		R1002	IO		213	1/22	P/T1002	TB60	IO		343	1/21	P/RB60
	GRD		208	1/18		R1003	IO		215	1/22	P/T1003	TB61	IO		345	1/18	P/RB61
	GRD		255	1/18		R1010	IO		014	1/22	P/T1010	T1000	IO		110	1/23	P/R1000
	GRD		256	1/18		R1011	IO		016	1/22	P/T1011	T1001	IO		111	1/23	P/R1001
	GRD		301	1/18		R1012	IO		210	1/22	P/T1012	T1002	IO		313	1/23	P/R1002
	GRD		302	1/18		R1013	IO		212	1/22	P/T1013	T1003	IO		315	1/23	P/R1003
	GRD		303	1/18		R1020	IO		013	1/22		T1010	IO		114	1/23	P/R1010
	GRD		304	1/18		R1021	IO		015	1/22	P/T1021	T1011	IO		116	1/23	P/R1011
	GRD		306	1/18		R1022	IO		209	1/22		T1012	IO		310	1/23	P/R1012
	GRD		307	1/18		R1023	IO		211	1/22		T1013	IO		312	1/23	P/R1013
	GRD		308	1/18		R1030	IO		009	1/22		T1020	IO		113	1/23	
	GRD		355	1/18		R1031	IO		012	1/22		T1021	IO		115	1/23	P/R1021
	GRD		356	1/18		R1032	IO		214	1/22		T1022	IO		309	1/23	
-48V3	PWR		004	1/24		R1033	IO		216	1/22		T1023	IO		311	1/23	
GRD04	PWR		003	1/27, 1/47		R1040	IO		353	1/22	P/T1040	T1030	IO		109	1/23	
	GRD		000			R1041	IO		351	1/22	P/T1041	T1031	IO		112	1/23	
	GRD		036			R1042	IO		349	1/22	P/T1042	T1032	IO		314	1/23	
	GRD		037			R1043	IO		347	1/22	P/T1043	T1033	IO		316	1/23	
	GRD		100			R1050	IO		152	1/22	P/T1050	T1040	IO		253	1/23	P/R1040
	GRD		136			R1051	IO		150	1/22	P/T1051	T1041	IO		251	1/23	P/R1041
	GRD		137			R1052	IO		148	1/22	P/T1052	T1042	IO		249	1/23	P/R1042
	GRD		140			R1053	IO		146	1/22	P/T1053	T1043	IO		247	1/23	P/R1043
	GRD		141			R1060	IO		153	1/22	P/T1060	T1050	IO		052	1/23	P/R1050
	GRD		200			R1061	IO		151	1/22	P/T1061	T1051	IO		050	1/23	P/R1051
	GRD		300			R1062	IO		149	1/22	P/T1062	T1052	IO		048	1/23	P/R1052
RB0	IO		017	1/15	P/TB0	R1063	IO		147	1/22		T1053	IO		046	1/23	P/R1053
RB1	IO		019	1/15	P/TB1	R1070	IO		352	1/22	P/T1070	T1060	IO		053	1/23	P/R1060
RB10	IO		218	1/15	P/TB10	R1071	IO		350	1/22	P/T1071	T1061	IO		051	1/23	P/R1061
RB11	IO		20	1/15	P/TB11	R1072	IO		348	1/22		T1062	IO		049	1/23	P/R1062
RB14	IO		022	1/15	P/TB14	R1073	IO		346	1/22		T1063	IO		047	1/23	
RB15	IO		024	1/15	P/TB15	TB0	IO		117	1/15	P/RB0	T1070	IO		252	1/23	P/R1070
RB16	IO		032	1/14	P/TB16	TB1	IO		119	1/15	P/RB1	T1071	IO		250	1/23	P/R1071
RB17	IO		034	1/14	P/TB17	TB10	IO		318	1/15	P/RB10	T1072	IO		248	1/23	
RB20	IO		242	1/14	P/TB20	TB11	IO		320	1/15	P/RB11	T1073	IO		246	1/23	
RB21	IO		244	1/14	P/TB21	TB14	IO		122	1/15	P/RB14	DASHG10	IO		237	1/13	
RB26	IO		233	1/14	P/TB26	TB15	IO		124	1/15	P/RB15	OCLG1	IO		241	1/13	
RB27	IO		235	1/14	P/TB27	TB16	IO		132	1/14	P/RB16	ODG1	IO		338	1/13	
RB30	IO		043	1/14	P/TB30	TB17	IO		134	1/14	P/RB17	OEG10	IO		341	1/13	
RB31	IO		015	1/14	P/TB31	TB20	IO		342	1/14	P/RB20	OPAG10	IO		236	1/13	
RB34	IO		217	1/21	P/TB34	TB21	IO		344	1/14	P/RB21	OSLG1	IO		240	1/13	
RB35	IO		219	1/18	P/TB35	TB26	IO		333	1/14	P/RB26	O256KH21	IO		038	1/12	
RB38	IO		021	1/21	P/TB38	TB27	IO		335	1/14	P/RB27	1ASHG10	IO		337	2/13	
RB39	IO		023	1/18	P/TB39	TB30	IO		143	1/14	P/RB30	1CLG1	IO		339	1/27, 2/13	
RB4	IO		221	1/15	P/TB4	TB31	IO		145	1/14	P/RB31	1DG1	IO		238	1/27, 2/13	
RB40	IO		018	1/18	P/TB40	TB34	IO		317	1/21	P/RB34	1EG10	IO		239	2/13	
RB41	IO		020	1/21	P/TB41	TB35	IO		319	1/18	P/RB35	1PAG10	IO		336	2/13	
RB44	IO		222	1/18	P/TB44	TB38	IO		121	1/21	P/RB38	1SLG1	IO		340	1/27, 2/13	
RB45	IO		224	1/21	P/TB45	TB39	IO		123	1/18	P/RB39	1256KH21	IO		138	1/27, 2/13	
RB5	IO		223	1/15	P/TB5	TB4	IO		321	1/15	P/RB4						

PART OF FS 1  
SYMBOL(S) 24

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE C2	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	B1CN

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 25  
TIP AND RING GRID 1 ( 4:1 )

SYMBOL NO. 26  
TIP AND RING GRID 1 ( 4:1 )

SYMBOL NO. 27  
HALF GRID

SYMBOL NO. 27 (CONT)  
HALF GRID

SYMBOL NO. 25 TIP AND RING GRID 1 ( 4:1 )							SYMBOL NO. 26 TIP AND RING GRID 1 ( 4:1 )							SYMBOL NO. 27 HALF GRID							SYMBOL NO. 27 (CONT) HALF GRID						
DESIG	EDPT	CODE	ELEM	OPT			DESIG	EDPT	CODE	ELEM	OPT			DESIG	EDPT	CODE	ELEM	OPT			DESIG	EDPT	CODE	ELEM	OPT		
TF	04-134	TERMINAL FIELD	A				TF	04-135	SEE NOTE 207	A				GDHG3	04-136	TN838	A				GDHG3	04-136	TN838	A			
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	
DESIG		MOD	OPT				DESIG		MOD	OPT				DESIG		MOD	OPT				DESIG		MOD	OPT			
R1100	10		002	1/27 TO CAD 1 - AI			T1100	ID		002	1/27 TO CAD 1 - AI			+300V02	PHR		006	1/21	305		RB58	ID		233	1/21		P/TB58
R1101	10		003	1/27 TO CAD 1 - AI			T1101	ID		003	1/27 TO CAD 1 - AI			+300V03	PHR		106	1/21	305		RB59	ID		235	1/18		P/TB59
R1102	10		004	1/27 TO CAD 1 - AI			T1102	ID		004	1/27 TO CAD 1 - AI			+5V13	PHR		101	1/1			RB6	ID		021	1/15		P/TB6
R1103	10		005	1/27 TO CAD 1 - AI			T1103	ID		005	1/27 TO CAD 1 - AI			-48RTN	GRD		055	1/18			RB62	ID		043	1/21		P/TB62
R1110	10		006	1/27 TO CAD 1 - AI			T1110	ID		006	1/27 TO CAD 1 - AI				GRD		056	1/18			RB63	ID		045	1/18		P/TB63
R1111	10		007	1/27 TO CAD 1 - AI			T1111	ID		007	1/27 TO CAD 1 - AI				GRD		155	1/18			RB7	ID		023	1/15		P/TB7
R1112	10		008	1/27 TO CAD 1 - AI			T1112	ID		008	1/27 TO CAD 1 - AI				GRD		156	1/18			RB8	ID		018	1/15		P/TB8
R1113	10		009	1/27 TO CAD 1 - AI			T1113	ID		009	1/27 TO CAD 1 - AI				GRD		203	1/18			RB9	ID		020	1/15		P/TB9
R1120	10		015	1/27 TO CAD 1 - AJ	P/T1120		T1120	ID		015	1/27 TO CAD 1 - AJ	P/R1120			GRD		204	1/18			RMTSRT	ID		103	1/14		
R1121	10		016	1/27 TO CAD 1 - AJ			T1121	ID		016	1/27 TO CAD 1 - AJ				GRD		206	1/18			R1100	ID		010	1/25		P/T1100
R1122	10		017	1/27 TO CAD 1 - AJ	P/T1122		T1122	ID		017	1/27 TO CAD 1 - AJ	P/R1122			GRD		207	1/18			R1101	ID		011	1/25		P/T1101
R1123	10		018	1/27 TO CAD 1 - AJ	P/T1123		T1123	ID		018	1/27 TO CAD 1 - AJ	P/R1123			GRD		208	1/18			R1102	ID		213	1/25		P/T1102
R1130	10		019	1/27 TO CAD 1 - AJ	P/T1130		T1130	ID		019	1/27 TO CAD 1 - AJ	P/R1130			GRD		255	1/18			R1103	ID		215	1/25		P/T1103
R1131	10		020	1/27 TO CAD 1 - AJ	P/T1131		T1131	ID		020	1/27 TO CAD 1 - AJ	P/R1131			GRD		256	1/18			R1110	ID		014	1/25		P/T1110
R1132	10		021	1/27 TO CAD 1 - AJ	P/T1132		T1132	ID		021	1/27 TO CAD 1 - AJ	P/R1132			GRD		301	1/18			R1111	ID		016	1/25		P/T1111
R1133	10		022	1/27 TO CAD 1 - AJ	P/T1133		T1133	ID		022	1/27 TO CAD 1 - AJ	P/R1133			GRD		302	1/18			R1112	ID		210	1/25		P/T1112
R1140	10		034	1/27 TO CAD 1 - BC			T1140	ID		034	1/27 TO CAD 1 - BC				GRD		303	1/18			R1113	ID		212	1/25		P/T1113
R1141	10		035	1/27 TO CAD 1 - BC			T1141	ID		035	1/27 TO CAD 1 - BC				GRD		304	1/18			R1120	ID		013	1/25		
R1142	10		036	1/27 TO CAD 1 - BC			T1142	ID		036	1/27 TO CAD 1 - BC				GRD		306	1/18			R1121	ID		015	1/25		P/T1121
R1143	10		037	1/27 TO CAD 1 - BC			T1143	ID		037	1/27 TO CAD 1 - BC				GRD		307	1/18			R1122	ID		209	1/25		
R1150	10		038	1/27 TO CAD 1 - BC			T1150	ID		038	1/27 TO CAD 1 - BC				GRD		308	1/18			R1123	ID		211	1/25		
R1151	10		039	1/27 TO CAD 1 - BC			T1151	ID		039	1/27 TO CAD 1 - BC				GRD		355	1/18			R1130	ID		009	1/25		
R1152	10		040	1/27 TO CAD 1 - BC			T1152	ID		040	1/27 TO CAD 1 - BC				GRD		356	1/18			R1131	ID		012	1/25		
R1153	10		041	1/27 TO CAD 1 - BC			T1153	ID		041	1/27 TO CAD 1 - BC				GRD		004	1/24			R1132	ID		214	1/25		
R1160	10		047	1/27 TO CAD 1 - BD			T1160	ID		047	1/27 TO CAD 1 - BD			-48V3	PHR		003	1/24			R1133	ID		216	1/25		
R1161	10		048	1/27 TO CAD 1 - BD			T1161	ID		048	1/27 TO CAD 1 - BD			GRD04	PHR		004	1/24			R1140	ID		353	1/25		P/T1140
R1162	10		049	1/27 TO CAD 1 - BD			T1162	ID		049	1/27 TO CAD 1 - BD				GRD		000				R1141	ID		351	1/25		P/T1141
R1163	10		050	1/27 TO CAD 1 - BD	P/T1163		T1163	ID		050	1/27 TO CAD 1 - BD	P/R1163			GRD		036				R1142	ID		349	1/25		P/T1142
R1170	10		051	1/27 TO CAD 1 - BD			T1170	ID		051	1/27 TO CAD 1 - BD				GRD		037				R1143	ID		347	1/25		P/T1143
R1171	10		052	1/27 TO CAD 1 - BD			T1171	ID		052	1/27 TO CAD 1 - BD				GRD		100				R1150	ID		152	1/25		P/T1150
R1172	10		053	1/27 TO CAD 1 - BD	P/T1172		T1172	ID		053	1/27 TO CAD 1 - BD	P/R1172			GRD		136				R1151	ID		150	1/25		P/T1151
R1173	10		054	1/27 TO CAD 1 - BD	P/T1173		T1173	ID		054	1/27 TO CAD 1 - BD	P/R1173			GRD		137				R1152	ID		148	1/25		P/T1152
															GRD		140				R1153	ID		146	1/25		P/T1153
															GRD		141				R1160	ID		153	1/25		P/T1160
															GRD		200				R1161	ID		151	1/25		P/T1161
															GRD		300				R1162	ID		149	1/25		P/T1162
																					R1163	ID		147	1/25		
																					R1170	ID		352	1/25		P/T1170
																					R1171	ID		350	1/25		P/T1171
																					R1172	ID		348	1/25		
																					R1173	ID		346	1/25		
																					TB12	ID		322	1/15		P/RB12
																					TB13	ID		324	1/15		P/RB13
																					TB18	ID		332	1/14		P/RB18
																					TB19	ID		334	1/14		P/RB19
																					TB2	ID		317	1/15		P/RB2
																					TB22	ID		142	1/14		P/RB22
																					TB23	ID		144	1/14		P/RB23
																					TB24	ID		133	1/14		P/RB24
																					TB25	ID		135	1/14		P/RB25

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 27 (CONT)  
HALF GRID

SYMBOL NO. 27 (CONT)  
HALF GRID

SYMBOL NO. 28 (CONT)  
TIP AND RING GRID 2 ( 4:1 )

SYMBOL NO. 29 (CONT)  
TIP AND RING GRID 2 ( 4:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT					
GDXHG3	04-136	TN838	A		GDXHG3	04-136	TN838	A		TF	04-142	TERMINAL FIELD	A		TF	04-143	SEE NOTE 207	A						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
TB28	IO		343	1/14	P/RB28	0EG11	IO		341	1/13		R2051	IO		039	1/30		T2033	IO		022	1/30		P/R2033
TB29	IO		345	1/14	P/RB29	OPAG11	IO		236	1/13		R2052	IO		040	1/30	TO CAD 1 - BA	T2040	IO		034	1/30	TO CAD 1 - BA	
TB3	IO		319	1/15	P/RB3	OSLG1	IO		240	1/13		R2053	IO		041	1/30	TO CAD 1 - BA	T2041	IO		035	1/30	TO CAD 1 - BA	
TB32	IO		117	1/21	P/RB32	0256KHZ1	IO		038	1/12		R2060	IO		047	1/30	TO CAD 1 - BA	T2042	IO		036	1/30	TO CAD 1 - BA	
TB33	IO		119	1/18	P/RB33	1ASWG11	IO		337	2/13		R2061	IO		048	1/30	TO CAD 1 - BB	T2043	IO		037	1/30	TO CAD 1 - BA	
TB36	IO		321	1/21	P/RB36	1CLG1	IO		339	1/24		R2062	IO		049	1/30	TO CAD 1 - BB	T2050	IO		038	1/30	TO CAD 1 - BA	
TB37	IO		323	1/18	P/RB37	1DG1	IO		238	1/24		R2063	IO		050	1/30	TO CAD 1 - BB	T2051	IO		039	1/30	TO CAD 1 - BA	
TB42	IO		318	1/18	P/RB42	1EG11	IO		239	2/13		R2070	IO		051	1/30	TO CAD 1 - BB	T2052	IO		040	1/30	TO CAD 1 - BA	
TB43	IO		320	1/21	P/RB43	1PAG11	IO		336	2/13		R2071	IO		052	1/30	TO CAD 1 - BB	T2053	IO		041	1/30	TO CAD 1 - BA	
TB46	IO		122	1/18	P/RB46	1SLG1	IO		340	1/24		R2072	IO		053	1/30	TO CAD 1 - BB	T2060	IO		047	1/30	TO CAD 1 - BA	
TB47	IO		124	1/21	P/RB47	1256KHZ1	IO		138	1/24		R2073	IO		054	1/30	TO CAD 1 - BB	T2061	IO		048	1/30	TO CAD 1 - BB	
TB48	IO		132	1/18	P/RB48													T2062	IO		049	1/30	TO CAD 1 - BB	
TB49	IO		134	1/21	P/RB49													T2063	IO		050	1/30	TO CAD 1 - BB	P/R2063
TB52	IO		342	1/18	P/RB52													T2070	IO		051	1/30	TO CAD 1 - BB	
TB53	IO		344	1/21	P/RB53													T2071	IO		052	1/30	TO CAD 1 - BB	
TB58	IO		333	1/21	P/RB58													T2072	IO		053	1/30	TO CAD 1 - BB	P/R2072
TB59	IO		335	1/18	P/RB59													T2073	IO		054	1/30	TO CAD 1 - BB	P/R2073
TB6	IO		121	1/15	P/RB6																			
TB62	IO		143	1/21	P/RB62																			
TB63	IO		145	1/18	P/RB63																			
TB7	IO		123	1/15	P/RB7																			
TB8	IO		118	1/15	P/RB8																			
TB9	IO		120	1/15	P/RB9																			
T1100	IO		110	1/26	P/R1100																			
T1101	IO		111	1/26	P/R1101																			
T1102	IO		313	1/26	P/R1102																			
T1103	IO		315	1/26	P/R1103																			
T1110	IO		114	1/26	P/R1110																			
T1111	IO		116	1/26	P/R1111																			
T1112	IO		310	1/26	P/R1112																			
T1113	IO		312	1/26	P/R1113																			
T1120	IO		113	1/26	P/R1120																			
T1121	IO		115	1/26	P/R1121																			
T1122	IO		309	1/26	P/R1122																			
T1123	IO		311	1/26	P/R1123																			
T1130	IO		109	1/26	P/R1130																			
T1131	IO		112	1/26	P/R1131																			
T1132	IO		314	1/26	P/R1132																			
T1133	IO		316	1/26	P/R1133																			
T1140	IO		253	1/26	P/R1140																			
T1141	IO		251	1/26	P/R1141																			
T1142	IO		249	1/26	P/R1142																			
T1143	IO		247	1/26	P/R1143																			
T1150	IO		052	1/26	P/R1150																			
T1151	IO		050	1/26	P/R1151																			
T1152	IO		048	1/26	P/R1152																			
T1153	IO		046	1/26	P/R1153																			
T1160	IO		053	1/26	P/R1160																			
T1161	IO		051	1/26	P/R1161																			
T1162	IO		049	1/26	P/R1162																			
T1163	IO		047	1/26	P/R1163																			
T1170	IO		252	1/26	P/R1170																			
T1171	IO		250	1/26	P/R1171																			
T1172	IO		248	1/26	P/R1172																			
T1173	IO		246	1/26	P/R1173																			
DASWG11	IO		237	1/13	P/R1173																			
OCLG1	IO		241	1/13	P/R1173																			
ODG1	IO		338	1/13	P/R1173																			

PART OF FS 1  
SYMBOL(S) 27 28 29

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE: 11  
ISSUE: 1

AT&T BELL LABORATORIES SD-5X205-01 B1CR

PRINTED IN U.S.A.

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 30  
HALF GRID

SYMBOL NO. 30 (CONT)  
HALF GRID

SYMBOL NO. 30 (CONT)  
HALF GRID

SYMBOL NO. 30 (CONT)							SYMBOL NO. 30 (CONT)							SYMBOL NO. 30 (CONT)						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
GDXXHG4	04-144	TN838	A		GDXXHG4	04-144	TN838	A		GDXXHG4	04-144	TN838	A		GDXXHG4	04-144	TN838	A		
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V04	PHR		106		1/36	305	RB52	IO		242		1/18	P/TB52	TB45	IO		324		1/21	P/RB45
+300V05	PHR		006		1/36	305	RB54	IO		042		1/18	P/TB54	TB47	IO		124		1/21	P/RB47
+5V04	PHR		001		1/1		RB56	IO		033		1/21	P/TB56	TB49	IO		134		1/21	P/RB49
+5V13	PHR		101		1/1		RB58	IO		233		1/21	P/TB58	TB5	IO		323		1/15	P/RB5
-48RTN	GRD		055		1/18		RB61	IO		245		1/18	P/TB61	TB51	IO		334		1/21	P/RB51
	GRD		056		1/18		RB63	IO		045		1/18	P/TB63	TB52	IO		342		1/18	P/RB52
	GRD		155		1/18		RB7	IO		023		1/15	P/TB7	TB54	IO		142		1/18	P/RB54
	GRD		156		1/18		RB9	IO		020		1/15	P/TB9	TB56	IO		133		1/21	P/RB56
	GRD		203		1/18		RMTSRT	IO		103		1/14		TB58	IO		333		1/21	P/RB58
	GRD		204		1/18		R2000	IO		010		1/28	P/T2000	TB61	IO		345		1/18	P/RB61
	GRD		206		1/18		R2001	IO		011		1/28	P/T2001	TB63	IO		145		1/18	P/RB63
	GRD		207		1/18		R2002	IO		213		1/28	P/T2002	TB7	IO		123		1/15	P/RB7
	GRD		208		1/18		R2003	IO		215		1/28	P/T2003	TB9	IO		120		1/15	P/RB9
	GRD		255		1/18		R2010	IO		014		1/28	P/T2010	T2000	IO		110		1/29	P/R2000
	GRD		256		1/18		R2011	IO		016		1/28	P/T2011	T2001	IO		111		1/29	P/R2001
	GRD		301		1/18		R2012	IO		210		1/28	P/T2012	T2002	IO		313		1/29	P/R2002
	GRD		302		1/18		R2013	IO		212		1/28	P/T2013	T2003	IO		315		1/29	P/R2003
	GRD		303		1/18		R2020	IO		013		1/28		T2010	IO		114		1/29	P/R2010
	GRD		304		1/18		R2021	IO		015		1/28	P/T2021	T2011	IO		116		1/29	P/R2011
	GRD		306		1/18		R2022	IO		209		1/28		T2012	IO		310		1/29	P/R2012
	GRD		307		1/18		R2023	IO		211		1/28		T2013	IO		312		1/29	P/R2013
	GRD		308		1/18		R2030	IO		009		1/28		T2020	IO		113		1/29	P/R2020
	GRD		355		1/18		R2031	IO		012		1/28		T2021	IO		115		1/29	P/R2021
	GRD		356		1/18		R2032	IO		214		1/28		T2022	IO		309		1/29	
	PHR		003		1/30		R2033	IO		216		1/28		T2023	IO		311		1/29	
-48V4	PHR		004		1/33, 1/49		R2040	IO		353		1/28	P/T2040	T2030	IO		109		1/29	
GRD04	PHR		000				R2041	IO		351		1/28	P/T2041	T2031	IO		112		1/29	
	GRD		036				R2042	IO		349		1/28		T2032	IO		314		1/29	
	GRD		037				R2043	IO		347		1/28	P/T2043	T2033	IO		316		1/29	
	GRD		100				R2050	IO		152		1/28	P/T2050	T2040	IO		253		1/29	P/R2040
	GRD		136				R2051	IO		150		1/28		T2041	IO		251		1/29	P/R2041
	GRD		137				R2052	IO		148		1/28	P/T2052	T2042	IO		249		1/29	P/R2042
	GRD		140				R2053	IO		146		1/28	P/T2053	T2043	IO		247		1/29	P/R2043
	GRD		141				R2060	IO		153		1/28		T2050	IO		052		1/29	P/R2050
	GRD		200				R2061	IO		151		1/28	P/T2061	T2051	IO		050		1/29	P/R2051
	GRD		300				R2062	IO		149		1/28	P/T2062	T2052	IO		048		1/29	P/R2052
RB0	IO		017		1/15	P/TB0	R2063	IO		147		1/28		T2053	IO		046		1/29	P/R2053
RB11	IO		220		1/15	P/TB11	R2070	IO		352		1/28		T2060	IO		053		1/29	P/R2060
RB12	IO		222		1/15	P/TB12	R2071	IO		350		1/28	P/T2071	T2061	IO		051		1/29	P/R2061
RB14	IO		022		1/15	P/TB14	R2072	IO		348		1/28		T2062	IO		049		1/29	P/R2062
RB16	IO		032		1/14	P/TB16	R2073	IO		346		1/28		T2063	IO		047		1/29	P/R2063
RB18	IO		232		1/14	P/TB18	TB0	IO		117		1/15	P/RB0	T2070	IO		252		1/29	P/R2070
RB2	IO		217		1/15	P/TB2	TB11	IO		320		1/15	P/RB11	T2071	IO		251		1/29	P/R2071
RB21	IO		244		1/14	P/TB21	TB12	IO		322		1/15	P/RB12	T2072	IO		249		1/29	
RB23	IO		044		1/14	P/TB23	TB14	IO		122		1/15	P/RB14	T2073	IO		248		1/29	
RB25	IO		035		1/14	P/TB25	TB16	IO		132		1/14	P/RB16	DASHG20	IO		237		1/13	
RB27	IO		235		1/14	P/TB27	TB18	IO		332		1/14	P/RB18	OCLG2	IO		241		1/13	
RB28	IO		243		1/14	P/TB28	TB2	IO		317		1/15	P/RB2	ODG2	IO		338		1/13	
RB30	IO		043		1/14	P/TB30	TB21	IO		344		1/14	P/RB21	DEG20	IO		341		1/13	
RB33	IO		019		1/18	P/TB33	TB23	IO		144		1/14	P/RB23	OPAG20	IO		236		1/13	
RB35	IO		219		1/18	P/TB35	TB25	IO		135		1/14	P/RB25	OSLG2	IO		240		1/13	
RB36	IO		221		1/21	P/TB36	TB27	IO		335		1/14	P/RB27	0256KHZZ	IO		038		1/12	
RB38	IO		021		1/21	P/TB38	TB28	IO		343		1/14	P/RB28	1ASHG20	IO		337		2/13	
RB40	IO		018		1/18	P/TB40	TB30	IO		143		1/14	P/RB30	1CLG2	IO		339		1/33, 2/13	
RB42	IO		218		1/18	P/TB42	TB33	IO		119		1/18	P/RB33	1DG2	IO		238		1/33, 2/13	
RB45	IO		224		1/21	P/TB45	TB35	IO		319		1/18	P/RB35	1EG20	IO		239		2/13	
RB47	IO		024		1/21	P/TB47	TB36	IO		321		1/21	P/RB36	1PAG20	IO		336		2/13	
RB49	IO		034		1/21	P/TB49	TB38	IO		121		1/21	P/RB38	1SLG2	IO		340		1/33, 2/13	
RB5	IO		223		1/15	P/TB5	TB40	IO		118		1/18	P/RB40	1256KHZZ	IO		138		1/33, 2/12	
RB51	IO		234		1/21	P/TB51	TB42	IO		318		1/18	P/RB42							

PART OF FS 1  
SYMBOL(S) 30

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE 2	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	B1CT



PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 33 (CONT)  
HALF GRID

SYMBOL NO. 33 (CONT)  
HALF GRID

SYMBOL NO. 34 (CONT)  
TIP AND RING GRID 3 ( 4:1 )

SYMBOL NO. 35 (CONT)  
TIP AND RING GRID 3 ( 4:1 )

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT											
GDHXG5	04-152	TN838	A		GDHXG5	04-152	TN838	A		TF	04-158	TERMINAL FIELD	A		TF	04-159	SEE NOTE 207	A												
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
T826	IO		333		1/14	P/RB26	0EG21	IO		341		1/13		R3051	IO		039		1/36		T3033	IO		022		1/36		P/R3033		
T829	IO		345		1/14	P/RB29	0PAG21	IO		236		1/13		R3052	IO		040		1/36	TO CAD 1 - AW		T3040	IO		034		1/36	TO CAD 1 - AD		
T83	IO		319		1/15	P/RB3	0SLG2	IO		240		1/13		R3053	IO		041		1/36	TO CAD 1 - AW		T3041	IO		035		1/36	TO CAD 1 - AW		
T831	IO		145		1/14	P/RB31	0256KH22	IO		038		1/12		R3060	IO		047		1/36	TO CAD 1 - AW		T3042	IO		036		1/36	TO CAD 1 - AW		
T832	IO		117		1/21	P/RB32	1ASHG21	IO		337		2/13		R3061	IO		048		1/36	TO CAD 1 - AX		T3043	IO		037		1/36	TO CAD 1 - AW		
T834	IO		317		1/21	P/RB34	1CLG2	IO		339		1/30		R3062	IO		049		1/36	TO CAD 1 - AX		T3050	IO		038		1/36	TO CAD 1 - AW		
T837	IO		323		1/18	P/RB37	1DG2	IO		238		1/30		R3063	IO		050		1/36	TO CAD 1 - AX	P/T3063	T3051	IO		039		1/36	TO CAD 1 - AW		
T839	IO		123		1/18	P/RB39	1EG21	IO		239		2/13		R3070	IO		051		1/36	TO CAD 1 - AX		T3052	IO		040		1/36	TO CAD 1 - AW		
T84	IO		321		1/15	P/RB4	1PAG21	IO		336		2/13		R3071	IO		052		1/36	TO CAD 1 - AX		T3053	IO		041		1/36	TO CAD 1 - AW		
T841	IO		120		1/21	P/RB41	1SLG2	IO		340		1/30		R3072	IO		053		1/36	TO CAD 1 - AX	P/T3072	T3060	IO		047		1/36	TO CAD 1 - AX		
T843	IO		320		1/21	P/RB43	1256KH22	IO		138		1/30		R3073	IO		054		1/36	TO CAD 1 - AX	P/T3073	T3061	IO		048		1/36	TO CAD 1 - AX		
T844	IO		322		1/18	P/RB44																T3062	IO		049		1/36	TO CAD 1 - AX		
T846	IO		122		1/18	P/RB46																T3063	IO		050		1/36	TO CAD 1 - AX	P/R3063	
T848	IO		132		1/18	P/RB48																T3070	IO		051		1/36	TO CAD 1 - AX		
T850	IO		332		1/18	P/RB50																T3071	IO		052		1/36	TO CAD 1 - AX		
T853	IO		344		1/21	P/RB53																T3072	IO		053		1/36	TO CAD 1 - AX	P/R3072	
T855	IO		144		1/21	P/RB55																T3073	IO		054		1/36	TO CAD 1 - AX	P/R3073	
T857	IO		135		1/18	P/RB57																								
T859	IO		335		1/18	P/RB59																								
T86	IO		121		1/15	P/RB6																								
T860	IO		343		1/21	P/RB60																								
T862	IO		143		1/21	P/RB62																								
T88	IO		118		1/15	P/RB8																								
T2100	IO		110		1/32	P/R2100																								
T2101	IO		111		1/32	P/R2101																								
T2102	IO		313		1/32	P/R2102																								
T2103	IO		315		1/32	P/R2103																								
T2110	IO		114		1/32	P/R2110																								
T2111	IO		116		1/32	P/R2111																								
T2112	IO		310		1/32	P/R2112																								
T2113	IO		312		1/32	P/R2113																								
T2120	IO		113		1/32	P/R2120																								
T2121	IO		115		1/32	P/R2121																								
T2122	IO		309		1/32	P/R2122																								
T2123	IO		311		1/32	P/R2123																								
T2130	IO		109		1/32	P/R2130																								
T2131	IO		112		1/32	P/R2131																								
T2132	IO		314		1/32	P/R2132																								
T2133	IO		316		1/32	P/R2133																								
T2140	IO		253		1/32	P/R2140																								
T2141	IO		251		1/32	P/R2141																								
T2142	IO		249		1/32	P/R2142																								
T2143	IO		247		1/32	P/R2143																								
T2150	IO		052		1/32	P/R2150																								
T2151	IO		050		1/32	P/R2151																								
T2152	IO		048		1/32	P/R2152																								
T2153	IO		046		1/32	P/R2153																								
T2160	IO		053		1/32	P/R2160																								
T2161	IO		051		1/32	P/R2161																								
T2162	IO		049		1/32	P/R2162																								
T2163	IO		047		1/32	P/R2163																								
T2170	IO		252		1/32	P/R2170																								
T2171	IO		250		1/32	P/R2171																								
T2172	IO		248		1/32	P/R2172																								
T2173	IO		246		1/32	P/R2173																								
0ASHG21	IO		237		1/13																									
0CLG2	IO		241		1/13																									
0DG2	IO		338		1/13																									

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LINE UNIT, MODEL 2  
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PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 36  
HALF GRID

SYMBOL NO. 36 (CONT)  
HALF GRID

SYMBOL NO. 36 (CONT)  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT						
GDXHG6	04-160	TN838	A		GDXHG6	04-160	TN838	A		GDXHG6	04-160	TN838	A							
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V04	PWR		006		1/30	305	RB52	IO		242		1/18		TB45	IO		324		1/21	
+300V05	PWR		106		1/30	305	RB55	IO		044		1/21		TB46	IO		122		1/18	
+5V04	PWR		001		1/1		RB56	IO		033		1/21	P/TB56	TB49	IO		134		1/21	
+5V13	PWR		101		1/1		RB59	IO		235		1/18	P/TB59	TB5	IO		323		1/15	
-48RTN	GRD		055		1/18		RB6	IO		021		1/15		TB50	IO		332		1/18	
	GRD		056		1/18		RB61	IO		245		1/18	P/TB61	TB52	IO		342		1/18	
	GRD		155		1/18		RB62	IO		043		1/21	P/TB62	TB55	IO		144		1/21	
	GRD		156		1/18		RB9	IO		020		1/15		TB56	IO		133		1/21	P/RB56
	GRD		203		1/18		RMTSRT	IO		103		1/14		TB59	IO		335		1/18	P/RB59
	GRD		204		1/18		R3000	IO		010		1/34	P/T3000	TB6	IO		121		1/15	
	GRD		206		1/18		R3001	IO		011		1/34	P/T3001	TB61	IO		345		1/18	P/RB61
	GRD		207		1/18		R3002	IO		213		1/34	P/T3002	TB62	IO		143		1/21	P/RB62
	GRD		208		1/18		R3003	IO		215		1/34	P/T3003	TB9	IO		120		1/15	
	GRD		255		1/18		R3010	IO		014		1/34	P/T3010	T3000	IO		110		1/35	P/R3000
	GRD		256		1/18		R3011	IO		016		1/34	P/T3011	T3001	IO		111		1/35	P/R3001
	GRD		301		1/18		R3012	IO		210		1/34	P/T3012	T3002	IO		313		1/35	P/R3002
	GRD		302		1/18		R3013	IO		212		1/34	P/T3013	T3003	IO		315		1/35	P/R3003
	GRD		303		1/18		R3020	IO		013		1/34		T3010	IO		114		1/35	P/R3010
	GRD		304		1/18		R3021	IO		015		1/34	P/T3021	T3011	IO		116		1/35	P/R3011
	GRD		306		1/18		R3022	IO		209		1/34		T3012	IO		310		1/35	P/R3012
	GRD		307		1/18		R3023	IO		211		1/34		T3013	IO		312		1/35	P/R3013
	GRD		308		1/18		R3030	IO		009		1/34		T3020	IO		113		1/35	
	GRD		355		1/18		R3031	IO		012		1/34		T3021	IO		115		1/35	P/R3021
	GRD		356		1/18		R3032	IO		214		1/34		T3022	IO		309		1/35	
-48V5	PWR		003		1/36		R3033	IO		216		1/34		T3023	IO		311		1/35	
GRD04	PWR		004		1/39, 1/51		R3040	IO		353		1/34	P/T3040	T3030	IO		109		1/35	
	GRD		000				R3041	IO		351		1/34	P/T3041	T3031	IO		112		1/35	
	GRD		036				R3042	IO		349		1/34		T3032	IO		314		1/35	
	GRD		037				R3043	IO		347		1/34		T3033	IO		316		1/35	
	GRD		100				R3050	IO		152		1/34	P/T3050	T3040	IO		253		1/35	P/R3040
	GRD		136				R3051	IO		150		1/34		T3041	IO		251		1/35	P/R3041
	GRD		137				R3052	IO		148		1/34		T3042	IO		249		1/35	P/R3042
	GRD		140				R3053	IO		146		1/34	P/T3053	T3043	IO		247		1/35	P/R3043
	GRD		141				R3060	IO		153		1/34		T3050	IO		052		1/35	P/R3050
	GRD		200				R3061	IO		151		1/34		T3051	IO		050		1/35	P/R3051
	GRD		300				R3062	IO		149		1/34	P/T3062	T3052	IO		048		1/35	P/R3052
RB0	IO		017		1/15		R3063	IO		147		1/34		T3053	IO		046		1/35	P/R3053
RB10	IO		218		1/15		R3070	IO		352		1/34		T3060	IO		053		1/35	P/R3060
RB12	IO		222		1/15		R3071	IO		350		1/34	P/T3071	T3061	IO		051		1/35	P/R3061
RB15	IO		024		1/15		R3072	IO		348		1/34		T3062	IO		049		1/35	P/R3062
RB16	IO		032		1/14	P/TB16	R3073	IO		346		1/34		T3063	IO		047		1/35	
RB19	IO		234		1/14	P/TB19	TB0	IO		117		1/15		T3070	IO		252		1/35	P/R3070
RB21	IO		244		1/14		TB10	IO		318		1/15		T3071	IO		250		1/35	P/R3071
RB22	IO		042		1/14		TB12	IO		322		1/15		T3072	IO		248		1/35	
RB25	IO		035		1/14		TB15	IO		124		1/15		T3073	IO		246		1/35	
RB26	IO		233		1/14		TB16	IO		132		1/14	P/RB16	OASWG30	IO		237		1/13	
RB28	IO		243		1/14		TB19	IO		334		1/14	P/RB19	OCLG3	IO		241		1/13	
RB3	IO		219		1/15		TB21	IO		344		1/14		ODG3	IO		338		1/13	
RB31	IO		045		1/14		TB22	IO		142		1/14		OEG30	IO		341		1/13	
RB33	IO		019		1/18		T325	IO		135		1/14		OPAG30	IO		236		1/13	
RB34	IO		217		1/21		TB26	IO		335		1/14		OSLG3	IO		240		1/13	
RB36	IO		221		1/21		TB28	IO		343		1/14		O256KH23	IO		038		1/12	
RB39	IO		023		1/18		TB3	IO		319		1/15		1ASWG30	IO		337		2/13	
RB40	IO		018		1/18		TB31	IO		145		1/14		1CLG3	IO		339		1/39, 2/13	
RB43	IO		220		1/21		TB33	IO		119		1/18		1DG3	IO		238		1/39, 2/13	
RB45	IO		224		1/21		TB34	IO		317		1/21		1EG30	IO		239		2/13	
RB46	IO		022		1/18		TB36	IO		321		1/21		1PAG30	IO		336		2/13	
RB49	IO		034		1/21		TB39	IO		123		1/18		1SLG3	IO		340		1/39, 2/13	
RB5	IO		223		1/15		TB40	IO		118		1/18		1256KH23	IO		138		1/39, 2/12	
RB50	IO		232		1/18		TB43	IO		320		1/21								

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SYMBOL(S) 36

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE CZ	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	B1CW

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 37  
TIP AND RING GRID 3 (4:1)

SYMBOL NO. 38  
TIP AND RING GRID 3 (4:1)

SYMBOL NO. 39  
HALF GRID

SYMBOL NO. 39 (CONT)  
HALF GRID

SYMBOL NO. 37							SYMBOL NO. 38							SYMBOL NO. 39							SYMBOL NO. 39 (CONT)							
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			
TF	04-166	TERMINAL FIELD	A				TF	04-167	SEE NOTE 207	A				GDXHG7	04-168	TN838	A				GDXHG7	04-168	TN838	A				
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE		
DESIG		MOD	MOD				DESIG		MOD	MOD				DESIG		MOD	MOD					DESIG		MOD	MOD			
R3100	IO	002		1/39 TO CAD 1 - AA			T3100	IO	002		1/39 TO CAD 1 - AA			+300V06 +300V07 +5V04	PWR PWR PWR	006 106 001		1/33 1/33 1/1	305 305			RB53	IO	244		1/21	P/TB53	
R3101	IO	003		1/39 TO CAD 1 - AA			T3101	IO	003		1/39 TO CAD 1 - AA											RB54	IO	042		1/18	P/TB57	
R3102	IO	004		1/39 TO CAD 1 - AA			T3102	IO	004		1/39 TO CAD 1 - AA			+5V13 -48RTN	PWR GRD GRD	101 055 056		1/1 1/18 1/18				RB58	IO	233		1/21	P/TB58	
R3103	IO	005		1/39 TO CAD 1 - AA			T3103	IO	005		1/39 TO CAD 1 - AA											RB60	IO	243		1/21	P/TB60	
R3110	IO	006		1/39 TO CAD 1 - AA			T3110	IO	006		1/39 TO CAD 1 - AA											RB63	IO	045		1/18	P/TB63	
R3111	IO	007		1/39 TO CAD 1 - AA			T3111	IO	007		1/39 TO CAD 1 - AA											RB7	IO	023		1/15	P/TB7	
R3112	IO	008		1/39 TO CAD 1 - AA			T3112	IO	008		1/39 TO CAD 1 - AA											RB8	IO	018		1/15		
R3113	IO	009		1/39 TO CAD 1 - AA			T3113	IO	009		1/39 TO CAD 1 - AA											RMTSRT	IO	103		1/14		
R3120	IO	015		1/39 TO CAD 1 - AB	P/T3120		T3120	IO	015		1/39 TO CAD 1 - AB	P/R3120										R3100	IO	010		1/37	P/T3100	
R3121	IO	016		1/39 TO CAD 1 - AB			T3121	IO	016		1/39 TO CAD 1 - AB											R3101	IO	011		1/37	P/T3101	
R3122	IO	017		1/39 TO CAD 1 - AB	P/T3122		T3122	IO	017		1/39 TO CAD 1 - AB	P/R3122										R3102	IO	213		1/37	P/T3102	
R3123	IO	018		1/39 TO CAD 1 - AB	P/T3123		T3123	IO	018		1/39 TO CAD 1 - AB	P/R3123										R3103	IO	215		1/37	P/T3103	
R3130	IO	019		1/39 TO CAD 1 - AB	P/T3130		T3130	IO	019		1/39 TO CAD 1 - AB	P/R3130										R3110	IO	014		1/37	P/T3110	
R3131	IO	020		1/39 TO CAD 1 - AB	P/T3131		T3131	IO	020		1/39 TO CAD 1 - AB	P/R3131										R3111	IO	016		1/37	P/T3111	
R3132	IO	021		1/39 TO CAD 1 - AB	P/T3132		T3132	IO	021		1/39 TO CAD 1 - AB	P/R3132										R3112	IO	210		1/37	P/T3112	
R3133	IO	022		1/39 TO CAD 1 - AB	P/T3133		T3133	IO	022		1/39 TO CAD 1 - AB	P/R3133										R3113	IO	212		1/37	P/T3113	
R3140	IO	034		1/39 TO CAD 1 - AU			T3140	IO	034		1/39 TO CAD 1 - AU											R3120	IO	013		1/37		
R3141	IO	035		1/39 TO CAD 1 - AU			T3141	IO	035		1/39 TO CAD 1 - AU											R3121	IO	015		1/37	P/T3121	
R3142	IO	036		1/39 TO CAD 1 - AU			T3142	IO	036		1/39 TO CAD 1 - AU											R3122	IO	209		1/37		
R3143	IO	037		1/39 TO CAD 1 - AU			T3143	IO	037		1/39 TO CAD 1 - AU											R3123	IO	211		1/37		
R3150	IO	038		1/39 TO CAD 1 - AU			T3150	IO	038		1/39 TO CAD 1 - AU											R3130	IO	009		1/37		
R3151	IO	039		1/39 TO CAD 1 - AU			T3151	IO	039		1/39 TO CAD 1 - AU											R3131	IO	012		1/37		
R3152	IO	040		1/39 TO CAD 1 - AU			T3152	IO	040		1/39 TO CAD 1 - AU											R3132	IO	214		1/37		
R3153	IO	041		1/39 TO CAD 1 - AU			T3153	IO	041		1/39 TO CAD 1 - AU											R3133	IO	216		1/37		
R3160	IO	047		1/39 TO CAD 1 - AV			T3160	IO	047		1/39 TO CAD 1 - AV											R3140	IO	353		1/37	P/T3140	
R3161	IO	048		1/39 TO CAD 1 - AV			T3161	IO	048		1/39 TO CAD 1 - AV											R3141	IO	351		1/37	P/T3141	
R3162	IO	049		1/39 TO CAD 1 - AV			T3162	IO	049		1/39 TO CAD 1 - AV											R3142	IO	349		1/37	P/T3142	
R3163	IO	050		1/39 TO CAD 1 - AV	P/T3163		T3163	IO	050		1/39 TO CAD 1 - AV	P/R3163										R3143	IO	347		1/37	P/T3143	
R3170	IO	051		1/39 TO CAD 1 - AV			T3170	IO	051		1/39 TO CAD 1 - AV											R3150	IO	152		1/37	P/T3150	
R3171	IO	052		1/39 TO CAD 1 - AV			T3171	IO	052		1/39 TO CAD 1 - AV											R3151	IO	150		1/37	P/T3151	
R3172	IO	053		1/39 TO CAD 1 - AV	P/T3172		T3172	IO	053		1/39 TO CAD 1 - AV	P/R3172										R3152	IO	148		1/37	P/T3152	
R3173	IO	054		1/39 TO CAD 1 - AV	P/T3173		T3173	IO	054		1/39 TO CAD 1 - AV	P/R3173										R3153	IO	146		1/37	P/T3153	
																						R3160	IO	153		1/37	P/T3160	
																						R3161	IO	151		1/37	P/T3161	
																						R3162	IO	149		1/37	P/T3162	
																						R3163	IO	147		1/37		
																						R3170	IO	352		1/37	P/T3170	
																						R3171	IO	350		1/37	P/T3171	
																						R3172	IO	348		1/37		
																						R3173	IO	346		1/37		
																						TB1	IO	119		1/15		
																						TB11	IO	320		1/15		
																						TB13	IO	324		1/15		
																						TB14	IO	122		1/15		
																						TB17	IO	134		1/14		
																						TB18	IO	332		1/14		
																						TB2	IO	317		1/15	P/RB2	
																						TB20	IO	342		1/14		
																						TB23	IO	144		1/14		

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SD-5X205-01

DWG SIZE  
C2

ISSUE  
1

B1CX

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 39 (CONT)  
HALF GRID

SYMBOL NO. 39 (CONT)  
HALF GRID

SYMBOL NO. 42  
GROUND LUG

SYMBOL NO. 46  
GROUND LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	TN838	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG7	04-168	TN838	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-060	LUG	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-125	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
TB24	IO		133	1/14	
TB27	IO		335	1/14	
TB29	IO		345	1/14	
TB30	IO		143	1/14	
TB32	IO		117	1/21	
TB35	IO		319	1/18	
TB37	IO		323	1/18	
TB38	IO		121	1/21	
TB4	IO		321	1/15	P/RB4
TB41	IO		120	1/21	
TB42	IO		318	1/18	
TB44	IO		322	1/18	
TB47	IO		124	1/21	
TB48	IO		132	1/18	
TB51	IO		334	1/21	
TB53	IO		344	1/21	P/RB53
TB54	IO		142	1/18	
TB57	IO		135	1/18	P/RB57
TB58	IO		333	1/21	P/RB58
TB60	IO		343	1/21	P/RB60
TB63	IO		145	1/18	P/RB63
TB7	IO		123	1/15	P/RB7
TB8	IO		118	1/15	
T3100	IO		110	1/38	P/R3100
T3101	IO		111	1/38	P/R3101
T3102	IO		313	1/38	P/R3102
T3105	IO		315	1/38	P/R3105
T3110	IO		114	1/38	P/R3110
T3111	IO		116	1/38	P/R3111
T3112	IO		310	1/38	P/R3112
T3115	IO		312	1/38	P/R3115
T3120	IO		113	1/38	
T3121	IO		115	1/38	P/R3121
T3122	IO		309	1/38	
T3123	IO		311	1/38	
T3130	IO		109	1/38	
T3131	IO		112	1/38	
T3132	IO		314	1/38	
T3133	IO		316	1/38	
T3140	IO		253	1/38	P/R3140
T3141	IO		251	1/38	P/R3141
T3142	IO		249	1/38	P/R3142
T3143	IO		247	1/38	P/R3143
T3150	IO		052	1/38	P/R3150
T3151	IO		050	1/38	P/R3151
T3152	IO		048	1/38	P/R3152
T3153	IO		046	1/38	P/R3153
T3160	IO		053	1/38	P/R3160
T3161	IO		051	1/38	P/R3161
T3162	IO		049	1/38	P/R3162
T3163	IO		047	1/38	
T3170	IO		252	1/38	P/R3170
T3171	IO		250	1/38	P/R3171
T3172	IO		248	1/38	
T3173	IO		246	1/38	
OASHG31	IO		237	1/13	
OCLG3	IO		241	1/13	
ODG3	IO		338	1/13	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
DEG31	IO		341	1/13	
OPAG31	IO		236	1/13	
OSLG3	IO		240	1/13	
O256KH23	IO		038	1/12	
IASHG31	IO		337	2/13	
ICLG3	IO		339	1/36	
IOG3	IO		238	1/36	
IEG31	IO		239	2/13	
IPAG31	IO		356	2/13	
ISLG3	IO		340	1/36	
I256KH23	IO		138	1/36	

SYMBOL NO. 40  
GROUND LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-014	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		0B0	1/42, 1/52 1/53, 1/54 1/55, 2/40 2/42, 2/44 2/45	TO CAD 1 - DD

SYMBOL NO. 41  
POWER LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-022	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V0	PHR		0B0	1/1	TO CAD 1 - DC

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD		0B0	1/40	TO CAD 1 - DD

SYMBOL NO. 43  
POWER LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-068	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V1	PHR		0B0	1/5	TO CAD 1 - DC

SYMBOL NO. 44  
GROUND LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-109	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		0B0	1/18	TO CAD 1 - DD

SYMBOL NO. 45  
POWER LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-120	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V2	PHR		1B0	1/18	TO CAD 1 - DC

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		0B0	1/18	TO CAD 1 - DD

SYMBOL NO. 47  
POWER LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-128	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V3	PHR		3B0	1/24	TO CAD 1 - DC

SYMBOL NO. 48  
GROUND LUG

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
LUG	01-149	LUG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD		0B0	1/18	TO CAD 1 - DD

PART OF FS 1  
SYMBOL(S) 39 40 41 42 43 44 45 46 47 48

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE C2	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	B1CY

PART OF FS 1  
LINE CIRCUIT, LOWER SHELF

SYMBOL NO. 49		SYMBOL NO. 53		SYMBOL NO. 57	
POWER LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	01-157	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V4	PWR			1/30 TO EAD 1 - DC	
SYMBOL NO. 50		SYMBOL NO. 54		SYMBOL NO. 58	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	01-165	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD			1/18 TO EAD 1 - DC	
SYMBOL NO. 51		SYMBOL NO. 55		SYMBOL NO. 59	
POWER LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	01-173	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48V5	PWR			1/36 TO CAD 1 - DC	
SYMBOL NO. 52		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-014	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD			1/40	
SYMBOL NO. 53		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-060	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD			1/40	
SYMBOL NO. 54		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-084	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD			1/40	
SYMBOL NO. 55		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-102	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRDLUG	GRD			1/40	
SYMBOL NO. 56		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-109	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD			1/18	
SYMBOL NO. 57		SYMBOL NO. 56		SYMBOL NO. 59	
GROUND LUG		GROUND LUG		GROUND LUG	
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
LUG	07-125	LUG	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-48RTN	GRD			1/18	

PART OF FS 1  
SYMBOL(S) 49 50 51 52 53 54 55 56 57 58 59

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AT&T BELL LABORATORIES	SU-5X205-01	B1DA

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 1  
SERVICE GROUP POWER

SYMBOL NO. 1 (CONT)  
SERVICE GROUP POWER

SYMBOL NO. 2 (CONT)  
SERVICE CIRCUIT

DESIG EQPT LOC CODE ELEM IDENT OPT  
1POWER 13-008 494GB A

DESIG EQPT LOC CODE ELEM IDENT OPT  
1POWER 13-008 494GB A

DESIG EQPT LOC CODE ELEM IDENT OPT  
1HLSCO 13-016 SEE NOTE 306 A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04	PWR		015		1/1	
+5V13	PWR		018		1/1	
	PWR		044		1/1	
	PWR		045		1/1	
	PWR		046		1/1	
	PWR		047		1/1	
	PWR		048		1/1	
	PWR		049		1/1	
	PWR		050		1/1	
	PWR		051		1/1	
	PWR		052		1/1	
	PWR		053		1/1	
	PWR		054		1/1	
	PWR		055		1/1	
	PWR		056		1/1	
	PWR		118		1/1	
	PWR		144		1/1	
	PWR		145		1/1	
	PWR		146		1/1	
	PWR		147		1/1	
	PWR		148		1/1	
	PWR		149		1/1	
	PWR		150		1/1	
	PWR		151		1/1	
	PWR		152		1/1	
	PWR		153		1/1	
	PWR		154		1/1	
-48RTN1C	PWR		155		1/1	
	PWR		156		1/1	
	IO		115		1/13	
-48V0A	PWR		007		2/1	
	PWR		008		2/1	
	PWR		106		2/1	
	PWR		107		2/1	
	PWR		108		2/1	
	PWR		006		2/2, 2/3, 2/4, 2/41	
-5V13	PWR		022		2/1	
	PWR		023		2/1	
	PWR		122		2/2, 2/3, 2/4, 2/5, 2/7, 2/9, 2/11	
FGRDA	GRD		001		2/1	
	GRD		100		2/1	
	GRD		101		2/1	
GRD13	GRD		050		2/12, 2/13	
	GRD		003			
	GRD		004			
	GRD		005			
	GRD		024			
	GRD		032			
	GRD		033			
	GRD		034			
	GRD		035			
	GRD		036			
	GRD		037			
	GRD		038			
	GRD		039			
	GRD		040			
	GRD		041			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		042			
	GRD		043			
	GRD		102			
	GRD		103			
	GRD		104			
	GRD		119			
	GRD		123			
	GRD		124			
	GRD		132			
	GRD		133			
	GRD		134			
	GRD		135			
	GRD		136			
	GRD		137			
	GRD		138			
	GRD		139			
	GRD		140			
	GRD		141			
	GRD		142			
	GRD		143			
	IO		113		1/14	
RMTSRT						
RMTSRTC	IO		014		1/1	
1CURPRN	IO		117		2/2, 2/3, 2/4, 2/5, 2/7, 2/9	
1CURPRP	IO		017		2/11, 2/12, 2/13, 2/12, 2/3, 2/4, 2/5, 2/7, 2/9, 2/11, 2/12, 2/13	
1RSDN	IO		109		2/13	
164KHZ	IO		110			
	IO		120		2/12	

SYMBOL NO. 2  
SERVICE CIRCUIT

DESIG EQPT LOC CODE ELEM IDENT OPT  
1HLSCO 13-016 SEE NOTE 306 A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD13	GRD		014			
	GRD		015			
	GRD		016			
	GRD		019			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		119			
	GRD		200			
	GRD		201			
	GRD		219			
	GRD		224			
	GRD		232			
	GRD		234			
	GRD		235			
	GRD		300			
	GRD		301			
	GRD		319			
	GRD		324			
	GRD		332			
	GRD		334			
	GRD		335			
0ACBUS3R	IO		348		1/14	P/0ACBUS3T
0ACBUS3T	IO		248		1/14	P/0ACBUS3R
1ACBUS3R	IO		347		2/14, 2/15	
1ACBUS3T	IO		247		2/14, 2/15	
1CURPRN	IO		012		2/1	
1CURPRP	IO		112		2/1	
1HASK00	IO		323		2/13	
1HASK10	IO		223		2/13	
1HCK0	IO		320		2/13	
1HDATA0	IO		321		2/13	
1HDATA00	IO		318			
1HDCK0	IO		322			
	IO		311			
	IO		313			
1HDW0	IO		215			
1HEN0	IO		216		2/13	
	IO		220			
1HEN00	IO		315			
1HR0	IO		316			
	IO		312			
1HW0	IO		314			
	IO		213			
	IO		214			
1RNGSLPO	IO		317		2/13	
1RNG0	IO		245			P/1TIP0
	IO		246			P/1TIP0
1TIP0	IO		250			P/1RNG0
	IO		345			P/1RNG0
	IO		346			P/1RNG0
	IO		350			P/1RNG0

PART OF FS 2  
SYMBOL(S) 1 2

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 5 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A0	13-046	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	IO		244	2/7, 2/9 2/11, 2/13	
1CDSYMC0	IO		238	2/5	
1CDM	IO		123	2/12	
	IO		317	2/5	
1CHDA10	IO		243	2/7, 2/9 2/11, 2/13	
	IO		320	2/5	
1CHDA00	IO		339	2/12	
1CHDAD0	IO		220	2/5	
1CURPRN	IO		036	2/12	
1CURPRP	IO		012	2/1	
1CH2	IO		112	2/1	
	IO		218	2/5	
	IO		343	2/7, 2/9 2/11, 2/13	
1DATA0	IO		018	2/13	
1TSA0	IO		139	2/5	
	IO		222	2/12	
1TSA4	IO		236	2/5	
	IO		321	2/12	
1TSB0A	IO		336	2/5	
1TSB1A	IO		221	2/12	
1TSB2A	IO		239	2/12	
	IO		338	2/5	
1TSB3A	IO		322	2/12	
14HCK0	IO		223	2/12	
	IO		337	2/5	
	IO		323	2/12	

SYMBOL NO. 6

98ZKL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	13-046A	98ZKL	A	(N)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
TIP33	IO				
TIP37	IO				
TIP41	IO				
TIP45	IO				
TIP49	IO				
TIP53	IO				
TIP57	IO				
TIP61	IO				
1CASM01	IO				
1CASM11	IO				
1CA1	IO				
1CA5	IO				
1CB0	IO				
1CB1	IO				
1CB2	IO				
1CB3	IO				
1CCK0	IO				

NOTE(S):

1. SEE NOTE 307 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

SYMBOL NO. 7

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A1	13-054	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+5V13	PWR			032 034 035	1/1 1/1 1/1
	PWR			132 134 135	1/1 1/1 1/1
-48V1A	PWR			000 001 004	2/5 2/5 2/5
	PWR			100 101 104	2/5 2/5 2/5
	PWR			204 304 024	2/5 2/5 2/1
-5V1B	PWR			124 136 200	2/1
GRD13	GRD			201 224 232	
	GRD			233 234 235	
	GRD			300 301 324	
	GRD			332 333 334	
	GRD			335 256 056	2/15 2/15
RNG33	IO				P/TIP33
RNG37	IO				P/TIP37
RNG41	IO				P/TIP41
RNG45	IO				P/TIP45
RNG49	IO				
RNG53	IO				P/TIP53
RNG57	IO				P/TIP57
RNG61	IO				P/TIP61
TIP33	IO				P/RNG33
TIP37	IO				P/RNG37
TIP41	IO				P/RNG41
TIP45	IO				P/RNG45
TIP49	IO				
TIP53	IO				
TIP57	IO				P/RNG57
TIP61	IO				P/RNG61
1CASM01	IO				
1CASM11	IO				
1CA1	IO				
1CA5	IO				
1CB0	IO				
1CB1	IO				
1CB2	IO				
1CB3	IO				
1CCK0	IO				

SYMBOL NO. 7 (CONT)

CHANNEL CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CHAN8A1	13-054	SEE NOTE 306	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1CCK1	IO			121	2/5
1CCK2	IO			120	2/5
1CCK3	IO			119	2/5
1CDSCLK	IO			244	2/5
1CDSYMC1	IO			318	2/5
	IO			238	2/7
1CDM	IO			123	2/12
	IO			243	2/5
	IO			317	2/5
1CHDA11	IO			320	2/7
1CHDAD1	IO			339	2/12
	IO			220	2/7
1CURPRN	IO			036	2/12
1CURPRP	IO			012	2/1
	IO			112	2/1
1CH2	IO			218	2/5
1DATA1	IO			343	2/5
	IO			018	2/13
1TSA1	IO			139	2/7
	IO			222	2/12
1TSA5	IO			236	2/7
1TSB0B	IO			321	2/12
	IO			336	2/7
	IO			221	2/12
1TSB1B	IO			239	2/12
1TSB2B	IO			338	2/7
	IO			322	2/12
1TSB3B	IO			223	2/12
14HCK1	IO			337	2/7
	IO			323	2/12

SYMBOL NO. 8

98ZKL CONNECTOR

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
CONN	13-054A	98ZKL	A	(N)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
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NOTE(S):

1. SEE NOTE 307 FOR APPARATUS MOUNTING AND CONNECTOR PLACEMENT.

PART OF FS 2  
SYMBOL(S) 5 6 7 8

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 2
		ISSUE 3A
AT&T	SD-5X205-01	BZCC



PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 12  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
1CONDATA	13-078	TN842	A	(2)
1CONDATA	13-078	TN842B	A	(Y)
98ZRC	13-078	EDSD585-29(35B)	A	65

SYMBOL NO. 12 (CONT)  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
1CONDATA	13-078	TN842	A	(2)
1CONDATA	13-078	TN842B	A	(Y)
98ZRC	13-078	EDSD585-29(35B)	A	65

SYMBOL NO. 12 (CONT)  
COMMON DATA

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
1CONDATA	13-078	TN842	A	(2)
1CONDATA	13-078	TN842B	A	(Y)
98ZRC	13-078	EDSD585-29(35B)	A	65

SYMBOL NO. 13 (CONT)  
COMMON CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
1CONCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V13	PMR		018		1/1	
	PMR		090		1/1	
	PMR		118		1/1	
	PMR		150		1/1	
	PMR		218		1/1	
	PMR		250		1/1	
-48V1A	PMR		318		1/1	
	PMR		350		1/1	
	PMR		000		2/5	
F+5VA	PMR		100		2/5	
	PMR		201		2/5	
	PMR		343		2/12	
	PMR		344		2/12	
	PMR		345		2/12	
	PMR		346		2/12	
FGRDA	PMR		347		2/13	
	GRD		037		2/1	
	GRD		042		2/1	
	GRD		137		2/1	
	GRD		142		2/1	
	GRD		233		2/1	
	GRD		234		2/1	
	GRD		235		2/1	
	GRD		236		2/1	
	GRD		237		2/1	
	GRD		333		2/1	
	GRD		334		2/1	
	GRD		335		2/1	
	GRD		336		2/1	
	GRD		337		2/1	
GRD13	GRD		002			
	GRD		024			
	GRD		056			
	GRD		102			
	GRD		124			
	GRD		156			
	GRD		200			
	GRD		202			
	GRD		224			
	GRD		256			
	GRD		300			
	GRD		302			
1CDSYND0	GRD		324			
	GRD		336			
	GRD		115		2/5	
1CDSYNC1	GRD		015		2/7	
	GRD		114		2/9	
	GRD		014		2/11	
1CHDA10	GRD		021		2/5	
	GRD		121		2/7	
	GRD		221		2/9	
1CHDA13	GRD		321		2/11	
	GRD		022		2/5	
	GRD		122		2/7	
1CHDA02	GRD		222		2/9	
	GRD		322		2/11	
	GRD		012		2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1CLRPRP	IO		112		2/1	
	IO		133		TO CAD 1 - DA	
	IO		035		TO CAD 1 - DA	
1DAIN1N	IO		138		TO CAD 1 - DB	
	IO		038		TO CAD 1 - DB	
	IO		134		TO CAD 1 - DA	
1DAOTOP	IO		034		TO CAD 1 - DA	
	IO		139		TO CAD 1 - DB	
	IO		039		TO CAD 1 - DB	
1LPTST	IO		319		2/13	
	IO		120		2/13	
	IO		020		2/13	
1TSA0	IO		308		2/5	
	IO		210		2/7	
	IO		310		2/9	
1TSA3	IO		209		2/11	
	IO		309		2/5	
	IO		211		2/7	
1TSA6	IO		311		2/9	
	IO		208		2/11	
	IO		220		2/13	
1TSB0A	IO		212		2/5	
	IO		312		2/7	
	IO		213		2/9	
1TSB00	IO		206		2/11	
	IO		306		2/5	
	IO		207		2/7	
1TSB1C	IO		307		2/9	
	IO		313		2/11	
	IO		214		2/5	
1TSB2B	IO		314		2/7	
	IO		204		2/9	
	IO		304		2/11	
1TSB3A	IO		205		2/5	
	IO		305		2/7	
	IO		215		2/9	
1TSB3D	IO		315		2/11	
	IO		054		1/18	
	IO		055		1/24	
1256KH22	IO		154		1/30	
	IO		155		1/36	
	IO		254		2/18, 2/21	
1256KH25	IO		255		2/24, 2/27	
	IO		354		2/30, 2/33	
	IO		355		2/36, 2/39	
14MCK10H	IO		136		TO CAD 1 - DA	
	IO		036		TO CAD 1 - DA	
	IO		141		TO CAD 1 - DB	
14MCK11P	IO		041		TO CAD 1 - DB	
	IO		023		2/5	
	IO		123		2/7	
14MCK2	IO		223		2/9	
	IO		323		2/11	
	IO		219		2/1	
18KSNCON	IO		135		TO CAD 1 - DA	
	IO		035		TO CAD 1 - DA	
	IO		140		TO CAD 1 - DB	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
18KSNCP	IO		040		TO CAD 1 - DB	
+5V13	PMR		038		1/1	
	PMR		056		1/1	
	PMR		138		1/1	
	PMR		156		1/1	
	PMR		406		1/1	
	PMR		407		1/1	
	PMR		423		1/1	
	PMR		424		1/1	
	PMR		434		1/1	
	PMR		455		1/1	
	PMR		455		1/1	
	PMR		456		1/1	
	PMR		506		1/1	
	PMR		507		1/1	
	PMR		523		1/1	
	PMR		524		1/1	
	PMR		534		1/1	
	PMR		535		1/1	
-48RTNOC	PMR		555		1/1	
	PMR		556		1/1	
	IO		256		1/1	
F+5VA	PMR		032		2/12	
	PMR		132		2/12	
	GRD		232		2/1	
FGRDA	GRD		332		2/1	
	GRD		024			
	GRD		034			
GRD13	GRD		124			
	GRD		234			
	GRD		300			
	GRD		301		TO CAD 1 - C2	
	GRD		400			
	GRD		401			
	GRD		404			
	GRD		405			
	GRD		421			
	GRD		422			
	GRD		432			
	GRD		433			
	GRD		453			
	GRD		454			
	GRD		500			

SYMBOL NO. 13  
COMMON CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
1CONCTRL	13-086	TN843	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD	GRD		501			
	GRD		504			
	GRD		505			
GRD	GRD		521			
	GRD		522			
	GRD		532			
GRD	GRD		533			
	GRD		553			
	GRD		554			
DAMLED	IO		356		1/15	
	IO		052		2/15	
	IO		047		2/14	
1ACCK0	IO		008		2/15	
	IO		307		2/14	
	IO		202		2/15	
1ACDATA1	IO		102		2/14	
	IO		040		2/15	
	IO		339		2/14	
1ASMG00	IO		355		1/18	
	IO		350		1/21	
	IO		255		1/24	
1ASMG11	IO		250		1/27	
	IO		155		1/30	
	IO		150		1/33	
1ASMG30	IO		055		1/36	
	IO		050		1/39	
	IO		354		2/10	
1ASMG41	IO		349		2/21	
	IO		254		2/24	
	IO		249		2/27	
1ASMG60	IO		154		2/30	
	IO		149		2/33	
	IO		054		2/36	
1ASMG71	IO		049		2/39	
	IO		353		2/5	
	IO		153		2/9	
1CASM02	IO		248		2/7	
	IO		048		2/11	
	IO		116		2/5	
1CA1	IO		016		2/7	
	IO		315		2/9	
	IO		215		2/11	
1CA4	IO		115		2/5	
	IO		015		2/7	
	IO		314		2/9	
1CA7	IO		214			

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 13 (CONT)  
COMMON CONTROL

SYMBOL NO. 13 (CONT)  
COMMON CONTROL

SYMBOL NO. 14 (CONT)  
ACCESS LINEARIZATION

SYMBOL NO. 14 (CONT)  
ACCESS LINEARIZATION

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT					
1COMCTRL	13-086	TN843	A		1COMCTRL	13-086	TN843	A		1GDXAXL	13-096	TN831	A		1GDXAXL	13-096	TN831	A						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
1CURPRN	IO		012	2/1		1PAG11	IO		023	1/27		GRD			005									
1CURPRP	IO		112	2/1		1PAG20	IO		322	1/30		GRD			006									
1CW2	IO		017	2/5		1PAG21	IO		222	1/33		GRD			033									
1DATA0	IO		104	2/5		1PAG30	IO		122	1/36		GRD			054									
1DATA1	IO		004	2/7		1PAG31	IO		022	1/39		GRD			100									
1DATA2	IO		303	2/9		1PAG40	IO		321	2/18		GRD			105									
1DATA3	IO		203	2/11		1PAG41	IO		221	2/21		GRD			106									
1DG0	IO		106	1/18		1PAG50	IO		121	2/24		GRD			133									
1DG1	IO		006	1/24		1PAG51	IO		021	2/27		GRD			134									
1DG2	IO		305	1/30		1PAG60	IO		320	2/30		GRD			200									
1DG3	IO		205	1/36		1PAG61	IO		220	2/33		GRD			203									
1DG4	IO		105	2/18, 2/21		1PAG70	IO		120	2/36		GRD			204									
1DG5	IO		005	2/24, 2/27		1PAG71	IO		020	2/39		GRD			300									
1DG6	IO		304	2/30, 2/33		1PRALM0	IO		019	2/15		GRD			301									
1DG7	IO		204	2/36, 2/39		1RNGSUP0	IO		319	2/2		GRD			302									
1EG00	IO		345	1/18		1RNGSUP1	IO		219	2/3		GRD			303									
1EG01	IO		245	1/21		1RNGSUP2	IO		119	2/4		GRD			304									
1EG10	IO		145	1/24		1RPLY0N	IO		037	TO CAD 1 - CZ		RB48	IO		235			1/18						
1EG11	IO		045	1/27		1RPLY0P	IO		137	TO CAD 1 - CZ		RB49	IO		234			1/21						
1EG20	IO		344	1/30		1RPLY1N	IO		237	TO CAD 1 - CY		RB50	IO		035			1/18						
1EG21	IO		244	1/33		1RPLY1P	IO		337	TO CAD 1 - CY		RB51	IO		236			1/21						
1EG30	IO		144	1/36		1SCB	IO		201	2/12		RB52	IO		036			1/18						
1EG31	IO		044	1/39		1SLECTOP	IO		134	TO CAD 1 - CZ		RB53	IO		241			1/21						
1EG40	IO		343	2/18		1SLECT1P	IO		334	TO CAD 1 - CY		RB54	IO		242			1/18						
1EG41	IO		243	2/21		1SLG0	IO		114	1/18		RB55	IO		243			1/21						
1EG50	IO		143	2/24		1SLG1	IO		014	1/24		RB56	IO		214			1/21						
1EG51	IO		043	2/27		1SLG2	IO		313	1/30		RB57	IO		213			1/18						
1EG60	IO		342	2/30		1SLG3	IO		213	1/36		RB58	IO		014			1/21						
1EG61	IO		242	2/33		1SLG4	IO		113	2/18, 2/21		RB59	IO		215			1/18						
1EG70	IO		142	2/36		1SLG5	IO		013	2/24, 2/27		RB60	IO		015			1/21						
1EG71	IO		042	2/39		1SLG6	IO		312	2/30, 2/33		RB61	IO		220			1/18						
1HASH00	IO		352	2/2		1SLG7	IO		212	2/36, 2/39		RB62	IO		221			1/21						
1HASH01	IO		252	2/3		1SYNC	IO		117	2/12		RB63	IO		222			1/18						
1HASH02	IO		152	2/4		1TSB	IO		324	2/12		RMTSRT	IO		103			1/14						
1HASH10	IO		347	2/2								RNG48	IO		038			2/5						
1HASH11	IO		247	2/3								RNG49	IO		037			2/7						
1HASH12	IO		147	2/4								RNG50	IO		238			2/9						
1HCK0	IO		308	2/2								RNG51	IO		237			2/11						
1HCK1	IO		208	2/3								RNG52	IO		239			2/5						
1HCK2	IO		108	2/4								RNG53	IO		240			2/7						
1HDATA0	IO		103	2/2								RNG54	IO		039			2/9						
1HDATA1	IO		003	2/3								RNG55	IO		040			2/11						
1HDATA2	IO		302	2/4								RNG56	IO		017			2/5						
1HEN0	IO		340	2/2								RNG57	IO		016			2/7						
1HEN1	IO		240	2/3								RNG58	IO		217			2/9						
1HEN2	IO		140	2/4								RNG59	IO		216			2/11						
1LPTST	IO		200	2/12								RNG60	IO		218			2/5						
1MSG0N	IO		036	TO CAD 1 - CZ								RNG61	IO		219			2/7						
1MSG0P	IO		136	TO CAD 1 - CZ								RNG62	IO		018			2/9						
1MSG1N	IO		236	TO CAD 1 - CY		+260V1	PHR		306	2/15		RNG63	IO		019			2/11						
1MSG1P	IO		336	TO CAD 1 - CY		+295V1	PHR		207	2/15		TB48	IO		335			1/18						
1NINT0N	IO		033	TO CAD 1 - CZ								TB49	IO		334			1/21						
1NINT0P	IO		133	TO CAD 1 - CZ								TB50	IO		135			1/18						
1NINT1N	IO		233	TO CAD 1 - CY		+297V1	PHR		206	2/15		TB51	IO		336			1/21						
1NINT1P	IO		333	TO CAD 1 - CY		+300V1	PHR		007	2/14		TB52	IO		136			1/18						
1PAG00	IO		323	1/18		+5PA	PHR		107	2/15		TB53	IO		341			1/21						
1PAG01	IO		223	1/21								TB54	IO		342			1/18						
1PAG10	IO		123	1/24		-48V1A	PHR		003	2/5		TB55	IO		343			1/21						
						GR013	GRD		000	2/5		TB56	IO		314			1/21						
												TB57	IO		313			1/18						

SYMBOL NO. 14  
ACCESS LINEARIZATION

PART OF FS 2  
SYMBOL(S) 13 14

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 DWG SIZE: C2  
 ISSUE: 1  
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 SD-5X205-01  
 B2CF





PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 18 (CONT)  
HALF GRID

SYMBOL NO. 19 (CONT)  
TIP AND RING GRID 4 ( 6:1 )

SYMBOL NO. 20 (CONT)  
TIP AND RING GRID 4 ( 6:1 )

SYMBOL NO. 21 (CONT)  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXXG8	13-112	TN838	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-118	TERMINAL FIELD	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-119	SEE NOTE 207	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXXG9	13-120	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ODG4	IO		338		1/13	
0EG40	IO		341		1/13	
OPAG40	IO		236		1/13	
OSLG4	IO		240		1/13	
0256KH24	IO		038		1/12	
1ASWG40	IO		337		2/13	
1CLG4	IO		339		2/13	
1DG4	IO		238		2/13	
1EG40	IO		239		2/13	
1PAG40	IO		336		2/13	
1SLG4	IO		340		2/13	
1256KH24	IO		138		2/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R4151	IO		039		2/21 TO CAD 1 - CU	
R4152	IO		040		2/21 TO CAD 1 - CU	
R4153	IO		041		2/21 TO CAD 1 - CU	
R4160	IO		047		2/21 TO CAD 1 - CV	
R4161	IO		048		2/21 TO CAD 1 - CV	
R4162	IO		049		2/21 TO CAD 1 - CV	
R4163	IO		050		2/21 TO CAD 1 - CV	P/T4163
R4170	IO		051		2/21 TO CAD 1 - CV	
R4171	IO		052		2/21 TO CAD 1 - CV	
R4172	IO		053		2/21 TO CAD 1 - CV	P/T4172
R4173	IO		054		2/21 TO CAD 1 - CV	P/T4173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T4133	IO		022		2/21 TO CAD 1 - CB	P/R4133
T4140	IO		034		2/21 TO CAD 1 - CU	
T4141	IO		035		2/21 TO CAD 1 - CU	
T4142	IO		036		2/21 TO CAD 1 - CU	
T4143	IO		037		2/21 TO CAD 1 - CU	
T4150	IO		038		2/21 TO CAD 1 - CU	
T4151	IO		039		2/21 TO CAD 1 - CU	
T4152	IO		040		2/21 TO CAD 1 - CU	
T4153	IO		041		2/21 TO CAD 1 - CU	
T4160	IO		047		2/21 TO CAD 1 - CV	
T4161	IO		048		2/21 TO CAD 1 - CV	
T4162	IO		049		2/21 TO CAD 1 - CV	
T4163	IO		050		2/21 TO CAD 1 - CV	P/R4163
T4170	IO		051		2/21 TO CAD 1 - CV	
T4171	IO		052		2/21 TO CAD 1 - CV	
T4172	IO		053		2/21 TO CAD 1 - CV	P/R4172
T4173	IO		054		2/21 TO CAD 1 - CV	P/R4173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD			301		2/18	
GRD			302		2/18	
GRD			303		2/18	
GRD			304		2/18	
GRD			306		2/18	
GRD			307		2/18	
GRD			308		2/18	
GRD			355		2/18	
GRD			356		2/18	
-48V2A	PHR		003		2/18	
GRD13	PHR		004		2/18	
	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB12	IO		222		1/15	P/TB12
RB14	IO		022		1/15	P/TB14
RB17	IO		034		1/14	P/TB17
RB19	IO		234		1/14	P/TB19
RB21	IO		244		1/14	P/TB21
RB23	IO		044		1/14	P/TB23
RB24	IO		035		1/14	P/TB24
RB26	IO		233		1/14	P/TB26
RB28	IO		245		1/14	P/TB28
RB5	IO		219		1/15	P/TB3
RB30	IO		043		1/14	P/TB30
RB32	IO		017		1/21	P/TB32
RB34	IO		217		1/21	P/TB34
RB36	IO		221		1/21	P/TB36
RB38	IO		021		1/21	P/TB38
RB41	IO		020		1/21	P/TB41
RB43	IO		220		1/21	P/TB43
RB45	IO		224		1/21	P/TB45
RB47	IO		024		1/21	P/TB47
RB48	IO		032		1/18	P/TB48
RB5	IO		223		1/15	P/TB5
RB50	IO		232		1/18	P/TB50
RB52	IO		242		1/18	P/TB52
RB54	IO		042		1/18	P/TB54
RB57	IO		035		1/18	P/TB57
RB59	IO		235		1/18	P/TB59
RB61	IO		245		1/18	P/TB61

SYMBOL NO. 19  
TIP AND RING GRID 4 ( 6:1 )

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-118	TERMINAL FIELD	A	

SYMBOL NO. 20  
TIP AND RING GRID 4 ( 6:1 )

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-119	SEE NOTE 207	A	

SYMBOL NO. 21  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXXG9	13-120	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R4100	IO		002		2/21 TO CAD 1 - CA	
R4101	IO		003		2/21 TO CAD 1 - CA	
R4102	IO		004		2/21 TO CAD 1 - CA	
R4103	IO		005		2/21 TO CAD 1 - CA	
R4110	IO		006		2/21 TO CAD 1 - CA	
R4111	IO		007		2/21 TO CAD 1 - CA	
R4112	IO		008		2/21 TO CAD 1 - CA	
R4113	IO		009		2/21 TO CAD 1 - CA	
R4120	IO		015		2/21 TO CAD 1 - CB	P/T4120
R4121	IO		016		2/21 TO CAD 1 - CB	
R4122	IO		017		2/21 TO CAD 1 - CB	P/T4122
R4123	IO		018		2/21 TO CAD 1 - CB	P/T4123
R4130	IO		019		2/21 TO CAD 1 - CB	P/T4130
R4131	IO		020		2/21 TO CAD 1 - CB	P/T4131
R4132	IO		021		2/21 TO CAD 1 - CB	P/T4132
R4133	IO		022		2/21 TO CAD 1 - CB	P/T4133
R4140	IO		034		2/21 TO CAD 1 - CU	
R4141	IO		035		2/21 TO CAD 1 - CU	
R4142	IO		036		2/21 TO CAD 1 - CU	
R4143	IO		037		2/21 TO CAD 1 - CU	
R4150	IO		038		2/21	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T4100	IO		002		2/21 TO CAD 1 - CA	
T4101	IO		003		2/21 TO CAD 1 - CA	
T4102	IO		004		2/21 TO CAD 1 - CA	
T4103	IO		005		2/21 TO CAD 1 - CA	
T4110	IO		006		2/21 TO CAD 1 - CA	
T4111	IO		007		2/21 TO CAD 1 - CA	
T4112	IO		008		2/21 TO CAD 1 - CA	
T4113	IO		009		2/21 TO CAD 1 - CA	
T4120	IO		015		2/21 TO CAD 1 - EB	P/R4120
T4121	IO		016		2/21 TO CAD 1 - CB	
T4122	IO		017		2/21 TO CAD 1 - CB	P/R4122
T4123	IO		018		2/21 TO CAD 1 - CB	P/R4123
T4130	IO		019		2/21 TO CAD 1 - CB	P/R4130
T4131	IO		020		2/21 TO CAD 1 - CB	P/R4131
T4132	IO		021		2/21 TO CAD 1 - CB	P/R4132

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V10	PHR		106		2/27	305
+300V11	PHR		006		2/27	305
+5V04	PHR		001		1/1	
+5V13	PHR		101		1/1	
-48R1NA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 1
SD-5X205-01		B2CJ

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 21 (CONT)  
HALF GRID

SYMBOL NO. 21 (CONT)  
HALF GRID

SYMBOL NO. 22  
TIP AND RING GRID 5 ( 6:1 )

SYMBOL NO. 21 (CONT) HALF GRID							SYMBOL NO. 21 (CONT) HALF GRID							SYMBOL NO. 22 TIP AND RING GRID 5 ( 6:1 )						
DESIG	EOPT	LOC	CODE	ELEM	OPT		DESIG	EOPT	LOC	CODE	ELEM	OPT		DESIG	EOPT	LOC	CODE	ELEM	OPT	
GDHXG9	13-120		TN838	A			GDHXG9	13-120		TN838	A			TF	13-126		TERMINAL FIELD	A		
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	NO.	NO.			DESIG		MOD	NO.	NO.			DESIG		MOD	NO.	NO.		
RB63	IO		045		1/18	P/TB63	TB5	IO		323		1/15	P/RB5	R5000	IO		002		2/24	
RB7	IO		023		1/15	P/TB7	TB50	IO		332		1/18	P/RB50	R5001	IO		003		2/24	TO CAD 1 - BY
RB8	IO		018		1/15	P/TB8	TB52	IO		342		1/18	P/RB52	R5002	IO		004		2/24	TO CAD 1 - BY
RMTSRT	IO		103		1/14		TB54	IO		342		1/18	P/RB54	R5003	IO		005		2/24	TO CAD 1 - BY
R4100	IO		010		2/19	P/T4100	TB57	IO		335		1/18	P/RB57	R5010	IO		006		2/24	TO CAD 1 - BY
R4101	IO		011		2/19	P/T4101	TB59	IO		335		1/18	P/RB59	R5011	IO		007		2/24	TO CAD 1 - BY
R4102	IO		213		2/19	P/T4102	TB61	IO		345		1/18	P/RB61	R5012	IO		008		2/24	TO CAD 1 - BY
R4103	IO		215		2/19	P/T4103	TB63	IO		145		1/18	P/RB63	R5013	IO		009		2/24	TO CAD 1 - BY
R4110	IO		014		2/19	P/T4110	TB7	IO		123		1/15	P/RB7	R5020	IO		015		2/24	TO CAD 1 - BZ
R4111	IO		016		2/19	P/T4111	TB8	IO		118		1/15	P/RB8	R5021	IO		016		2/24	TO CAD 1 - BZ
R4112	IO		210		2/19	P/T4112	T4100	IO		110		2/20	P/R4100	R5022	IO		017		2/24	TO CAD 1 - BZ
R4113	IO		212		2/19	P/T4113	T4101	IO		111		2/20	P/R4101	R5023	IO		018		2/24	TO CAD 1 - BZ
R4120	IO		013		2/19		T4102	IO		313		2/20	P/R4102	R5030	IO		019		2/24	TO CAD 1 - BZ
R4121	IO		015		2/19	P/T4121	T4103	IO		315		2/20	P/R4103	R5031	IO		020		2/24	TO CAD 1 - BZ
R4122	IO		209		2/19		T4110	IO		114		2/20	P/R4110	R5032	IO		021		2/24	TO CAD 1 - BZ
R4123	IO		211		2/19		T4111	IO		116		2/20	P/R4111	R5033	IO		022		2/24	TO CAD 1 - BZ
R4130	IO		009		2/19		T4112	IO		310		2/20	P/R4112	R5040	IO		034		2/24	TO CAD 1 - CS
R4131	IO		012		2/19		T4113	IO		312		2/20	P/R4113	R5041	IO		035		2/24	TO CAD 1 - CS
R4132	IO		214		2/19		T4120	IO		113		2/20	P/R4120	R5042	IO		036		2/24	TO CAD 1 - CS
R4133	IO		216		2/19		T4121	IO		115		2/20	P/R4121	R5043	IO		037		2/24	TO CAD 1 - CS
R4140	IO		353		2/19	P/T4140	T4122	IO		309		2/20		R5050	IO		038		2/24	TO CAD 1 - CS
R4141	IO		351		2/19	P/T4141	T4123	IO		311		2/20		R5051	IO		039		2/24	TO CAD 1 - CS
R4142	IO		349		2/19	P/T4142	T4130	IO		109		2/20		R5052	IO		040		2/24	TO CAD 1 - CS
R4143	IO		347		2/19	P/T4143	T4131	IO		112		2/20		R5053	IO		041		2/24	TO CAD 1 - CS
R4150	IO		152		2/19	P/T4150	T4132	IO		314		2/20		R5060	IO		047		2/24	TO CAD 1 - CT
R4151	IO		150		2/19	P/T4151	T4133	IO		316		2/20	P/R4140	R5061	IO		048		2/24	TO CAD 1 - CT
R4152	IO		148		2/19	P/T4152	T4140	IO		253		2/20		R5062	IO		049		2/24	TO CAD 1 - CT
R4153	IO		146		2/19	P/T4153	T4141	IO		251		2/20	P/R4141	R5063	IO		050		2/24	TO CAD 1 - CT
R4160	IO		153		2/19	P/T4160	T4142	IO		249		2/20	P/R4142	R5070	IO		051		2/24	TO CAD 1 - CT
R4161	IO		151		2/19	P/T4161	T4143	IO		247		2/20	P/R4143	R5071	IO		052		2/24	TO CAD 1 - CT
R4162	IO		149		2/19	P/T4162	T4150	IO		052		2/20	P/R4150	R5072	IO		053		2/24	TO CAD 1 - CT
R4165	IO		147		2/19		T4151	IO		050		2/20	P/R4151	R5073	IO		054		2/24	TO CAD 1 - CT
R4170	IO		352		2/19	P/T4170	T4152	IO		048		2/20	P/R4152							
R4171	IO		350		2/19	P/T4171	T4153	IO		046		2/20	P/R4153							
R4172	IO		348		2/19		T4160	IO		053		2/20	P/R4160							
R4173	IO		346		2/19		T4161	IO		051		2/20	P/R4161							
TB1	IO		119		1/15	P/RB1	T4162	IO		049		2/20	P/R4162							
TB10	IO		318		1/15	P/RB10	T4163	IO		047		2/20	P/R4170							
TB12	IO		322		1/15	P/RB12	T4170	IO		252		2/20								
TB14	IO		122		1/15	P/RB14	T4171	IO		250		2/20	P/R4171							
TB17	IO		134		1/14	P/RB17	T4172	IO		248		2/20								
TB19	IO		334		1/14	P/RB19	T4173	IO		246		2/20								
TB21	IO		344		1/14	P/RB21	OASHG41	IO		237		1/13								
TB23	IO		144		1/14	P/RB23	OCLG4	IO		241		1/13								
TB24	IO		133		1/14	P/RB24	ODG4	IO		338		1/13								
TB26	IO		333		1/14	P/RB26	OEG41	IO		341		1/13								
TB28	IO		343		1/14	P/RB28	OPAG41	IO		236		1/13								
TB3	IO		319		1/15	P/RB3	OSLG4	IO		240		1/13								
TB30	IO		143		1/14	P/RB30	O256KHZ4	IO		038		1/12								
TB32	IO		117		1/21	P/RB32	IASHG41	IO		337		2/13								
TB34	IO		317		1/21	P/RB34	ICLG4	IO		339		2/13								
TB36	IO		321		1/21	P/RB36	IDG4	IO		238		2/13								
TB38	IO		121		1/21	P/RB38	IEG41	IO		239		2/13								
TB41	IO		120		1/21	P/RB41	IPAG41	IO		336		2/13								
TB43	IO		320		1/21	P/RB43	ISLG4	IO		340		2/13								
TB45	IO		324		1/21	P/RB45	I256KHZ4	IO		138		2/12								
TB47	IO		124		1/21	P/RB47														
TB48	IO		132		1/18	P/RB48														

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 23  
TIP AND RING GRID 5 (6:1)

SYMBOL NO. 24  
HALF GRID

SYMBOL NO. 24 (CONT)  
HALF GRID

SYMBOL NO. 24 (CONT)  
HALF GRID

DESIG	EOP	LOC	CODE	ELEM	OPT	DESIG	EOP	LOC	CODE	ELEM	OPT	DESIG	EOP	LOC	CODE	ELEM	OPT	DESIG	EOP	LOC	CODE	ELEM	OPT	
TF	13-127	SEE NOTE 207	A			GDXHG10	13-128	TN838	A			GDXHG10	13-128	TN838	A			GDXHG10	13-128	TN838	A			
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	
T5000	10	002		2/24 TO CAD 1 - BY		+300V08 +300V09 +5V04	PHR	006	2/18	305		RB49	10	034	1/21	P/TB49		TB40	10	118	1/18		P/RB40	
T5001	10	003		2/24 TO CAD 1 - BY			PHR	106	2/18	305		RB5	10	223	1/15	P/TB5		TB41	10	120	1/21		P/RB41	
T5002	10	004		2/24 TO CAD 1 - BY		+5V13 -48RTNA	PHR	101	1/1			RB52	10	242	1/18	P/TB52		TB44	10	322	1/18		P/RB44	
T5003	10	005		2/24 TO CAD 1 - BY			GRD	055	2/18			RB53	10	244	1/21	P/TB53		TB45	10	324	1/21		P/RB45	
T5010	10	006		2/24 TO CAD 1 - BY			GRD	056	2/18			RB58	10	233	1/21	P/TB58		TB48	10	132	1/18		P/RB48	
T5011	10	007		2/24 TO CAD 1 - BY			GRD	155	2/18			RB59	10	235	1/18	P/TB59		TB49	10	134	1/21		P/RB49	
T5012	10	008		2/24 TO CAD 1 - BY			GRD	156	2/18			RB62	10	043	1/21	P/TB62		TB5	10	323	1/15		P/RB5	
T5013	10	009		2/24 TO CAD 1 - BY			GRD	203	2/18			RB63	10	045	1/18	P/TB63		TB52	10	342	1/18		P/RB52	
T5020	10	015		2/24 TO CAD 1 - BZ	P/R5020		GRD	204	2/18			RMTSRT	10	103	1/14			TB53	10	344	1/21		P/RB53	
T5021	10	016		2/24 TO CAD 1 - BZ			GRD	206	2/18			R5000	10	010	2/22	P/T5000		TB58	10	333	1/21		P/RB58	
T5022	10	017		2/24 TO CAD 1 - BZ	P/R5022		GRD	207	2/18			R5001	10	011	2/22	P/T5001		TB59	10	335	1/18		P/RB59	
T5023	10	018		2/24 TO CAD 1 - BZ	P/R5023		GRD	208	2/18			R5002	10	013	2/22	P/T5002		TB62	10	143	1/21		P/RB62	
T5030	10	019		2/24 TO CAD 1 - BZ	P/R5030		GRD	255	2/18			R5003	10	015	2/22	P/T5003		TB63	10	145	1/18		P/RB63	
T5031	10	020		2/24 TO CAD 1 - BZ	P/R5031		GRD	256	2/18			R5010	10	014	2/22	P/T5010		T5000	10	110	2/23		P/R5000	
T5032	10	021		2/24 TO CAD 1 - BZ	P/R5032		GRD	301	2/18			R5011	10	016	2/22	P/T5011		T5001	10	111	2/23		P/R5001	
T5033	10	022		2/24 TO CAD 1 - BZ	P/R5033		GRD	302	2/18			R5012	10	017	2/22	P/T5012		T5002	10	313	2/23		P/R5002	
T5040	10	034		2/24 TO CAD 1 - CS			GRD	303	2/18			R5013	10	012	2/22	P/T5013		T5003	10	315	2/23		P/R5003	
T5041	10	035		2/24 TO CAD 1 - CS			GRD	304	2/18			R5020	10	013	2/22			T5010	10	114	2/23		P/R5010	
T5042	10	036		2/24 TO CAD 1 - CS			GRD	306	2/18			R5021	10	015	2/22	P/T5021		T5011	10	116	2/23		P/R5011	
T5043	10	037		2/24 TO CAD 1 - CS			GRD	307	2/18			R5022	10	209	2/22			T5012	10	310	2/23		P/R5012	
T5050	10	038		2/24 TO CAD 1 - CS			GRD	308	2/18			R5023	10	211	2/22			T5013	10	312	2/23		P/R5013	
T5051	10	039		2/24 TO CAD 1 - CS			GRD	355	2/18			R5030	10	009	2/22			T5020	10	113	2/23			
T5052	10	040		2/24 TO CAD 1 - CS			GRD	356	2/18			R5031	10	012	2/22			T5021	10	115	2/23			
T5053	10	041		2/24 TO CAD 1 - CS			GRD	004	2/24			R5032	10	214	2/22			T5022	10	309	2/23		P/R5021	
T5060	10	047		2/24 TO CAD 1 - CT			PHR	003	2/27, 2/49			R5033	10	216	2/22			T5023	10	311	2/23			
T5061	10	048		2/24 TO CAD 1 - CT			PHR	000				R5040	10	353	2/22	P/T5040		T5030	10	109	2/23			
T5062	10	049		2/24 TO CAD 1 - CT			GRD	000				R5041	10	351	2/22	P/T5041		T5031	10	112	2/23			
T5063	10	050		2/24 TO CAD 1 - CT	P/R5063		GRD	036				R5042	10	349	2/22	P/T5042		T5032	10	314	2/23			
T5070	10	051		2/24 TO CAD 1 - CT			GRD	037				R5043	10	347	2/22	P/T5043		T5033	10	316	2/23			
T5071	10	052		2/24 TO CAD 1 - CT			GRD	100				R5050	10	152	2/22	P/T5050		T5040	10	253	2/23		P/R5040	
T5072	10	053		2/24 TO CAD 1 - CT	P/R5072		GRD	136				R5051	10	150	2/22	P/T5051		T5041	10	251	2/23		P/R5041	
T5073	10	054		2/24 TO CAD 1 - CT	P/R5073		GRD	137				R5052	10	148	2/22	P/T5052		T5042	10	249	2/23		P/R5042	
							GRD	140				R5053	10	146	2/22	P/T5053		T5043	10	247	2/23		P/R5043	
							GRD	141				R5060	10	153	2/22	P/T5060		T5050	10	052	2/23		P/R5050	
							GRD	200				R5061	10	151	2/22	P/T5061		T5051	10	050	2/23		P/R5051	
							GRD	300				R5062	10	149	2/22	P/T5062		T5052	10	048	2/23		P/R5052	
								017	1/15		P/TB0	R5063	10	147	2/22			T5053	10	046	2/23		P/R5053	
								019	1/15		P/TB1	R5070	10	352	2/22	P/T5070		T5060	10	053	2/23		P/R5060	
								218	1/15		P/TB10	R5071	10	350	2/22	P/T5071		T5061	10	051	2/23		P/R5061	
								220	1/15		P/TB11	R5072	10	348	2/22			T5062	10	049	2/23		P/R5062	
								022	1/15		P/TB14	R5073	10	346	2/22			T5063	10	047	2/23		P/R5063	
								024	1/15		P/TB15	TB0	10	117	1/15			T5070	10	252	2/23		P/R5070	
								232	1/14		P/TB18	TB1	10	119	1/15			T5071	10	250	2/23		P/R5071	
								234	1/14		P/TB19	TB10	10	318	1/15			T5072	10	248	2/23			
								042	1/14		P/TB22	TB11	10	320	1/15			T5073	10	246	2/23			
								044	1/14		P/TB23	TB14	10	122	1/15									
								035	1/14		P/TB24	TB15	10	124	1/15									
								035	1/14		P/TB25	TB18	10	332	1/14									
								243	1/14		P/TB28	TB19	10	334	1/14									
								245	1/14		P/TB29	TB22	10	142	1/14									
								217	1/21		P/TB34	TB23	10	144	1/14									
								219	1/18		P/TB35	TB24	10	133	1/14									
								021	1/21		P/TB38	TB25	10	135	1/14									
								023	1/18		P/TB39	TB28	10	343	1/14									
								221	1/15		P/TB4	TB29	10	345	1/14									
								018	1/18		P/TB40	TB34	10	317	1/21									
								020	1/21		P/TB41	TB35	10	319	1/18									
								222	1/18		P/TB44	TB38	10	121	1/21									
								224	1/21		P/TB45	TB39	10	123	1/18									
								032	1/18		P/TB48	TB4	10	321	1/15									

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 24 (CONT)  
HALF GRID

SYMBOL NO. 25 (CONT)  
TIP AND RING GRID 5 ( 6:1 )

SYMBOL NO. 26 (CONT)  
TIP AND RING GRID 5 ( 6:1 )

SYMBOL NO. 27 (CONT)  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG10	13-128	TN838	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-134	TERMINAL FIELD	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-135	SEE NOTE 207	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
05LG5	10		240		1/13	
0256KHZ5	10		038		1/12	
1ASWG50	10		337		2/13	
1ELG5	10		339		2/13	
1DC5	10		238		2/13	
1EC50	10		239		2/13	
1PAG50	10		336		2/13	
1SLG5	10		340		2/13	
1256KHZ5	10		138		2/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R5151	10		039		2/27 TO CAD 1 - CB	
R5152	10		040		2/27 TO CAD 1 - CD	
R5153	10		041		2/27 TO CAD 1 - CD	
R5160	10		047		2/27 TO CAD 1 - CR	
R5161	10		048		2/27 TO CAD 1 - CR	
R5162	10		049		2/27 TO CAD 1 - CR	
R5163	10		050		2/27 TO CAD 1 - CR	P/T5163
R5170	10		051		2/27 TO CAD 1 - CR	
R5171	10		052		2/27 TO CAD 1 - CR	
R5172	10		053		2/27 TO CAD 1 - CR	P/T5172
R5173	10		054		2/27 TO CAD 1 - CR	P/T5173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T5133	10		022		2/27 TO CAD 1 - BX	P/R5133
T5140	10		034		2/27 TO CAD 1 - CD	
T5141	10		035		2/27 TO CAD 1 - CD	
T5142	10		036		2/27 TO CAD 1 - CD	
T5143	10		037		2/27 TO CAD 1 - CD	
T5150	10		038		2/27 TO CAD 1 - CD	
T5151	10		039		2/27 TO CAD 1 - CD	
T5152	10		040		2/27 TO CAD 1 - CD	
T5153	10		041		2/27 TO CAD 1 - CD	
T5160	10		047		2/27 TO CAD 1 - CR	
T5161	10		048		2/27 TO CAD 1 - CR	
T5162	10		049		2/27 TO CAD 1 - CR	
T5163	10		050		2/27 TO CAD 1 - CR	P/R5163
T5170	10		051		2/27 TO CAD 1 - CR	
T5171	10		052		2/27 TO CAD 1 - CR	
T5172	10		053		2/27 TO CAD 1 - CR	P/R5172
T5173	10		054		2/27 TO CAD 1 - CR	P/R5173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
			301		2/18	
			302		2/18	
			303		2/18	
			304		2/18	
			306		2/18	
			307		2/18	
			308		2/18	
			355		2/18	
			356		2/18	
-48V3A	PWR		003		2/24	
	PWR		004		2/24	
GRD13	GRD		000			
			036			
			037			
			100			
			136			
			137			
			140			
			141			
			200			
			300			
RB12	10		222		1/15	P/TB12
RB13	10		224		1/15	P/TB13
RB16	10		032		1/14	P/TB16
RB17	10		034		1/14	P/TB17
RB2	10		217		1/15	P/TB2
RB20	10		242		1/14	P/TB20
RB21	10		244		1/14	P/TB21
RB26	10		233		1/14	P/TB26
RB27	10		235		1/14	P/TB27
RB3	10		219		1/15	P/TB3
RB30	10		043		1/14	P/TB30
RB31	10		045		1/14	P/TB31
RB32	10		017		1/21	P/TB32
RB33	10		019		1/18	P/TB33
RB36	10		221		1/21	P/TB36
RB37	10		223		1/18	P/TB37
RB42	10		218		1/18	P/TB42
RB43	10		220		1/21	P/TB43
RB46	10		022		1/18	P/TB46
RB47	10		024		1/21	P/TB47
RB50	10		232		1/18	P/TB50
RB51	10		234		1/21	P/TB51
RB54	10		042		1/18	P/TB54
RB55	10		044		1/21	P/TB55
RB56	10		039		1/21	P/TB56
RB57	10		035		1/18	P/TB57
RB6	10		021		1/15	P/TB6
RB60	10		243		1/21	P/TB60
RB61	10		245		1/18	P/TB61

SYMBOL NO. 25  
TIP AND RING GRID 5 ( 6:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-134	TERMINAL FIELD	A	

SYMBOL NO. 26  
TIP AND RING GRID 5 ( 6:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-135	SEE NOTE 207	A	

SYMBOL NO. 27  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDXHG11	13-136	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R5100	10		002		2/27 TO CAD 1 - BW	
R5101	10		003		2/27 TO CAD 1 - BW	
R5102	10		004		2/27 TO CAD 1 - BW	
R5103	10		005		2/27 TO CAD 1 - BW	
R5110	10		006		2/27 TO CAD 1 - BW	
R5111	10		007		2/27 TO CAD 1 - BW	
R5112	10		008		2/27 TO CAD 1 - BW	
R5113	10		009		2/27 TO CAD 1 - BW	
R5120	10		015		2/27 TO CAD 1 - BX	P/T5120
R5121	10		016		2/27 TO CAD 1 - BX	
R5122	10		017		2/27 TO CAD 1 - BX	P/T5122
R5123	10		018		2/27 TO CAD 1 - BX	P/T5123
R5130	10		019		2/27 TO CAD 1 - BX	P/T5130
R5131	10		020		2/27 TO CAD 1 - BX	P/T5131
R5132	10		021		2/27 TO CAD 1 - BX	P/T5132
R5133	10		022		2/27 TO CAD 1 - BX	P/T5133
R5140	10		034		2/27 TO CAD 1 - CO	
R5141	10		035		2/27 TO CAD 1 - CO	
R5142	10		036		2/27 TO CAD 1 - CO	
R5143	10		037		2/27 TO CAD 1 - CO	
R5150	10		038		2/27 TO CAD 1 - CO	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T5100	10		002		2/27 TO CAD 1 - BW	
T5101	10		003		2/27 TO CAD 1 - BW	
T5102	10		004		2/27 TO CAD 1 - BW	
T5103	10		005		2/27 TO CAD 1 - BW	
T5110	10		006		2/27 TO CAD 1 - BW	
T5111	10		007		2/27 TO CAD 1 - BW	
T5112	10		008		2/27 TO CAD 1 - BW	
T5113	10		009		2/27 TO CAD 1 - BW	
T5120	10		015		2/27 TO CAD 1 - BX	P/R5120
T5121	10		016		2/27 TO CAD 1 - BX	
T5122	10		017		2/27 TO CAD 1 - BX	P/R5122
T5123	10		018		2/27 TO CAD 1 - BX	P/R5123
T5130	10		019		2/27 TO CAD 1 - BX	P/R5130
T5131	10		020		2/27 TO CAD 1 - BX	P/R5131
T5132	10		021		2/27 TO CAD 1 - BX	P/R5132

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V10	PWR		006		2/21	305
+300V11	PWR		106		2/21	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

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SYMBOL(S) 24 25 26 27

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		ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	B2CM

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 27 (CONT)  
HALF GRID

SYMBOL NO. 27 (CONT)  
HALF GRID

SYMBOL NO. 28  
TIP AND RING GRID 6 ( 8:1 )

SYMBOL NO. 27 (CONT) HALF GRID							SYMBOL NO. 27 (CONT) HALF GRID							SYMBOL NO. 28 TIP AND RING GRID 6 ( 8:1 )										
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
GDXHG11	13-136	TN838	A				GDXHG11	13-136	TN838	A					TF	13-142	TERMINAL FIELD	A						
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				
RB7	IO		023		1/15	P/TB7	TB54	IO		142		1/18	P/RB54	R6000	IO		002		2/30					
RB8	IO		018		1/15	P/TB8	TB55	IO		144		1/21	P/RB55	R6001	IO		003		2/30	TO CAD 1 - BU				
RB9	IO		020		1/15	P/TB9	TB56	IO		133		1/21	P/RB56	R6002	IO		004		2/30	TO CAD 1 - BU				
RMTSRT	IO		103		1/14		TB57	IO		135		1/18	P/RB57	R6003	IO		005		2/30	TO CAD 1 - BU				
R5100	IO		010		2/25	P/T5100	TB6	IO		121		1/15	P/RB6	R6010	IO		006		2/30	TO CAD 1 - BU				
R5101	IO		011		2/25	P/T5101	TB60	IO		343		1/21	P/RB60	R6011	IO		007		2/30	TO CAD 1 - BU				
R5102	IO		213		2/25	P/T5102	TB61	IO		345		1/18	P/RB61	R6012	IO		008		2/30	TO CAD 1 - BU				
R5103	IO		215		2/25	P/T5103	TB7	IO		123		1/15	P/RB7	R6013	IO		009		2/30	TO CAD 1 - BU				
R5110	IO		014		2/25	P/T5110	TB8	IO		116		1/15	P/RB8	R6020	IO		015		2/30	TO CAD 1 - BV	P/T6020			
R5111	IO		016		2/25	P/T5111	TB9	IO		120		1/15	P/RB9	R6021	IO		016		2/30	TO CAD 1 - BV				
R5112	IO		210		2/25	P/T5112	T5100	IO		110		2/26	P/R5100	R6022	IO		017		2/30	TO CAD 1 - BV	P/T6022			
R5113	IO		212		2/25	P/T5113	T5101	IO		111		2/26	P/R5101	R6023	IO		018		2/30	TO CAD 1 - BV	P/T6023			
R5120	IO		013		2/25		T5102	IO		313		2/26	P/R5102	R6030	IO		019		2/30	TO CAD 1 - BV	P/T6030			
R5121	IO		015		2/25	P/T5121	T5103	IO		315		2/26	P/R5103	R6031	IO		020		2/30	TO CAD 1 - BV	P/T6031			
R5122	IO		209		2/25		T5110	IO		114		2/26	P/R5110	R6032	IO		021		2/30	TO CAD 1 - BV	P/T6032			
R5123	IO		211		2/25		T5111	IO		116		2/26	P/R5111	R6033	IO		022		2/30	TO CAD 1 - BV	P/T6033			
R5130	IO		009		2/25		T5112	IO		310		2/26	P/R5112	R6040	IO		034		2/30	TO CAD 1 - CO				
R5131	IO		012		2/25		T5113	IO		312		2/26	P/R5113	R6041	IO		035		2/30	TO CAD 1 - CO				
R5132	IO		214		2/25		T5120	IO		113		2/26	P/R5120	R6042	IO		036		2/30	TO CAD 1 - CO				
R5133	IO		216		2/25		T5121	IO		115		2/26	P/R5121	R6043	IO		037		2/30	TO CAD 1 - CO				
R5140	IO		353		2/25		T5122	IO		309		2/26		R6050	IO		038		2/30	TO CAD 1 - CO				
R5141	IO		351		2/25		T5123	IO		311		2/26		R6051	IO		039		2/30	TO CAD 1 - CO				
R5142	IO		349		2/25	P/T5142	T5130	IO		109		2/26		R6052	IO		040		2/30	TO CAD 1 - CO				
R5143	IO		347		2/25	P/T5143	T5131	IO		112		2/26		R6053	IO		041		2/30	TO CAD 1 - CO				
R5150	IO		152		2/25	P/T5150	T5132	IO		314		2/26		R6060	IO		042		2/30	TO CAD 1 - CP				
R5151	IO		150		2/25	P/T5151	T5133	IO		316		2/26		R6061	IO		046		2/30	TO CAD 1 - CP				
R5152	IO		148		2/25	P/T5152	T5140	IO		253		2/26	P/R5140	R6062	IO		049		2/30	TO CAD 1 - CP				
R5153	IO		146		2/25	P/T5153	T5141	IO		251		2/26	P/R5141	R6063	IO		050		2/30	TO CAD 1 - CP	P/T6063			
R5160	IO		153		2/25	P/T5160	T5142	IO		249		2/26	P/R5142	R6070	IO		051		2/30	TO CAD 1 - CP				
R5161	IO		151		2/25	P/T5161	T5143	IO		247		2/26	P/R5143	R6071	IO		052		2/30	TO CAD 1 - CP				
R5162	IO		149		2/25	P/T5162	T5150	IO		052		2/26	P/R5150	R6072	IO		053		2/30	TO CAD 1 - CP	P/T6072			
R5170	IO		352		2/25		T5151	IO		050		2/26	P/R5151	R6073	IO		054		2/30	TO CAD 1 - CP	P/T6073			
R5171	IO		350		2/25		T5152	IO		048		2/26	P/R5152											
R5172	IO		348		2/25		T5153	IO		046		2/26	P/R5153											
R5173	IO		346		2/25		T5160	IO		053		2/26	P/R5160											
TB12	IO		322		1/15	P/RB12	T5161	IO		051		2/26	P/R5161											
TB13	IO		324		1/15	P/RB13	T5162	IO		049		2/26	P/R5162											
TB16	IO		132		1/14	P/RB16	T5163	IO		047		2/26	P/R5170											
TB17	IO		134		1/14	P/RB17	T5170	IO		252		2/26												
TB2	IO		317		1/15	P/RB2	T5171	IO		250		2/26	P/R5171											
TB20	IO		342		1/14	P/RB20	T5172	IO		248		2/26												
TB21	IO		344		1/14	P/RB21	T5173	IO		246		2/26												
TB26	IO		333		1/14	P/RB26	OASWG51	IO		237		1/13												
TB27	IO		335		1/14	P/RB27	OCLG5	IO		241		1/13												
TB3	IO		319		1/15	P/RB3	ODG5	IO		338		1/13												
TB30	IO		143		1/14	P/RB30	OEG51	IO		341		1/13												
TB31	IO		145		1/14	P/RB31	OPAG51	IO		236		1/13												
TB32	IO		117		1/21	P/RB32	OSLG5	IO		240		1/13												
TB33	IO		119		1/18	P/RB33	O256KH25	IO		038		1/12												
TB36	IO		321		1/21	P/RB36	1ASHD51	IO		337		2/13												
TB37	IO		323		1/18	P/RB37	1CLG5	IO		339		2/13												
TB42	IO		318		1/18	P/RB42	1DG5	IO		238		2/13												
TB43	IO		320		1/21	P/RB43	1EG51	IO		239		2/13												
TB46	IO		122		1/18	P/RB46	1PAG51	IO		336		2/13												
TB47	IO		124		1/21	P/RB47	1SLG5	IO		340		2/13												
TB50	IO		332		1/18	P/RB50	1256KH25	IO		138		2/12												
TB51	IO		334		1/21	P/RB51																		

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SYMBOL(S) 27 28

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 29  
TIP AND RING GRID 6 ( 8:1 )

SYMBOL NO. 30  
HALF GRID

SYMBOL NO. 30 (CONT)  
HALF GRID

SYMBOL NO. 30 (CONT)  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
TF	13-143	SEE NOTE 207	A		GDXHG12	13-144	TN838	A		GDXHG12	13-144	TN838	A		GDXHG12	13-144	TN838	A						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
T6000	IO		002	2/30 TO CAD 1 - BU		+300V12	PWR		106	2/36	305	RB53	IO		244	1/21	P/TB53	TB44	IO		322	1/18	P/RB44	
T6001	IO		003	2/30 TO CAD 1 - BU		+300V13	PWR		006	2/36	305	RB55	IO		044	1/21	P/TB55	TB46	IO		122	1/18	P/RB46	
T6002	IO		004	2/30 TO CAD 1 - BU		+5V04	PWR		001	1/1		RB56	IO		033	1/21	P/TB56	TB48	IO		132	1/18	P/RB48	
T6003	IO		005	2/30 TO CAD 1 - BU		+5V13	PWR		101	1/1		RB58	IO		233	1/21	P/TB58	TB5	IO		323	1/15	P/RB5	
T6010	IO		006	2/30 TO CAD 1 - BU		-4.8RTNA	GRD		055	2/18		RB61	IO		245	1/18	P/TB61	TB50	IO		332	1/18	P/RB50	
T6011	IO		007	2/30 TO CAD 1 - BU			GRD		056	2/18		RB63	IO		045	1/18	P/TB63	TB53	IO		344	1/21	P/RB53	
T6012	IO		008	2/30 TO CAD 1 - BU			GRD		155	2/18		RB7	IO		023	1/15	P/TB7	TB55	IO		144	1/21	P/RB55	
T6013	IO		009	2/30 TO CAD 1 - BU			GRD		156	2/18		RB8	IO		018	1/15	P/TB8	TB56	IO		133	1/21	P/RB56	
T6020	IO		015	2/30 TO CAD 1 - BV	P/R5020		GRD		203	2/18		RHTSRT	IO		103	1/14		TB58	IO		333	1/21	P/RB58	
T6021	IO		016	2/30 TO CAD 1 - BV			GRD		204	2/18		R6000	IO		010	2/28	P/T6000	TB61	IO		345	1/18	P/RB61	
T6022	IO		017	2/30 TO CAD 1 - BV	P/R6022		GRD		206	2/18		R6001	IO		011	2/28	P/T6001	TB63	IO		145	1/18	P/RB63	
T6023	IO		018	2/30 TO CAD 1 - BV	P/R6023		GRD		207	2/18		R6002	IO		213	2/28	P/T6002	TB7	IO		123	1/15	P/RB7	
T6030	IO		019	2/30 TO CAD 1 - BV	P/R6030		GRD		208	2/18		R6003	IO		215	2/28	P/T6003	TB8	IO		118	1/15	P/RB8	
T6031	IO		020	2/30 TO CAD 1 - BV	P/R6031		GRD		255	2/18		R6010	IO		014	2/28	P/T6010	T6000	IO		110	2/29	P/R6000	
T6032	IO		021	2/30 TO CAD 1 - BV	P/R6032		GRD		256	2/18		R6011	IO		016	2/28	P/T6011	T6001	IO		111	2/29	P/R6001	
T6033	IO		022	2/30 TO CAD 1 - BV	P/R6033		GRD		301	2/18		R6012	IO		210	2/28	P/T6012	T6002	IO		313	2/29	P/R6002	
T6040	IO		034	2/30 TO CAD 1 - CO			GRD		302	2/18		R6013	IO		212	2/28	P/T6013	T6003	IO		315	2/29	P/R6003	
T6041	IO		035	2/30 TO CAD 1 - CO			GRD		303	2/18		R6020	IO		013	2/28		T6010	IO		114	2/29	P/R6010	
T6042	IO		036	2/30 TO CAD 1 - CO			GRD		304	2/18		R6021	IO		015	2/28	P/T6021	T6011	IO		116	2/29	P/R6011	
T6043	IO		037	2/30 TO CAD 1 - CO			GRD		306	2/18		R6022	IO		209	2/28		T6012	IO		310	2/29	P/R6012	
T6050	IO		038	2/30 TO CAD 1 - CO			GRD		307	2/18		R6023	IO		211	2/28		T6013	IO		312	2/29	P/R6013	
T6051	IO		039	2/30 TO CAD 1 - CO			GRD		308	2/18		R6030	IO		009	2/28		T6020	IO		113	2/29		
T6052	IO		040	2/30 TO CAD 1 - CO			GRD		355	2/18		R6031	IO		012	2/28		T6021	IO		115	2/29	P/R6021	
T6053	IO		041	2/30 TO CAD 1 - CO			GRD		356	2/18		R6032	IO		214	2/28		T6022	IO		309	2/29		
T6060	IO		047	2/30 TO CAD 1 - CP			PWR		003	2/30		R6033	IO		216	2/28		T6023	IO		311	2/29		
T6061	IO		048	2/30 TO CAD 1 - CP			PWR		004	2/33, 2/51		R6040	IO		353	2/28	P/T6040	T6030	IO		109	2/29		
T6062	IO		049	2/30 TO CAD 1 - CP			GRD		000			R6041	IO		351	2/28	P/T6041	T6031	IO		112	2/29		
T6063	IO		050	2/30 TO CAD 1 - CP	P/R6063		GRD		036			R6042	IO		349	2/28	P/T6042	T6032	IO		314	2/29		
T6070	IO		051	2/30 TO CAD 1 - CP			GRD		037			R6043	IO		347	2/28	P/T6043	T6033	IO		316	2/29		
T6071	IO		052	2/30 TO CAD 1 - CP			GRD		100			R6050	IO		152	2/28	P/T6050	T6040	IO		253	2/29	P/R6040	
T6072	IO		053	2/30 TO CAD 1 - CP	P/R6072		GRD		136			R6051	IO		150	2/28	P/T6051	T6041	IO		251	2/29	P/R6041	
T6073	IO		054	2/30 TO CAD 1 - CP	P/R6073		GRD		137			R6052	IO		148	2/28	P/T6052	T6042	IO		249	2/29	P/R6042	
							GRD		140			R6053	IO		146	2/28	P/T6053	T6043	IO		247	2/29	P/R6043	
							GRD		141			R6060	IO		155	2/28	P/T6060	T6050	IO		052	2/29	P/R6050	
							GRD		200			R6061	IO		151	2/28	P/T6061	T6051	IO		050	2/29	P/R6051	
							GRD		300			R6062	IO		149	2/28	P/T6062	T6052	IO		048	2/29	P/R6052	
									017	1/15	P/TB0	R6063	IO		147	2/28		T6033	IO		046	2/29	P/R6033	
									218	1/15	P/TB10	R6070	IO		352	2/28		T6060	IO		053	2/29	P/R6060	
									224	1/15	P/TB13	R6071	IO		350	2/28	P/T6071	T6061	IO		051	2/29	P/R6061	
									024	1/15	P/TB15	R6072	IO		348	2/28		T6062	IO		049	2/29	P/R6062	
									034	1/14	P/TB17	R6073	IO		346	2/28		T6063	IO		047	2/29	P/R6063	
									234	1/14	P/TB19	TB0	IO		117	1/15	P/RB0	T6070	IO		252	2/29	P/R6070	
									217	1/15	P/TB2	TB10	IO		318	1/15	P/RB10	T6071	IO		250	2/29	P/R6071	
									242	1/14	P/TB20	TB13	IO		324	1/15	P/RB13	T6072	IO		248	2/29		
									042	1/14	P/TB22	TB15	IO		124	1/15	P/RB15	T6073	IO		246	2/29		
									035	1/14	P/TB25	TB17	IO		134	1/14	P/RB17	OASHC60	IO		237	1/13		
									235	1/14	P/TB27	TB19	IO		334	1/14	P/RB19	OCLG6	IO		241	1/13		
									243	1/14	P/TB28	TB2	IO		317	1/13	P/RB2	ODG6	IO		338	1/13		
									043	1/14	P/TB30	TB20	IO		342	1/14	P/RB20	OPAG60	IO		341	1/13		
									019	1/18	P/TB33	TB22	IO		142	1/14	P/RB22				236	1/13		
									219	1/18	P/TB35	TB25	IO		135	1/14	P/RB25							
									221	1/21	P/TB36	TB27	IO		335	1/14	P/RB27							
									021	1/21	P/TB38	TB28	IO		343	1/14	P/RB28							
									020	1/21	P/TB41	TB30	IO		143	1/14	P/RB30							
									220	1/21	P/TB43	TB33	IO		119	1/18	P/RB33							
									222	1/18	P/TB44	TB35	IO		319	1/18	P/RB35							
									022	1/18	P/TB46	TB36	IO		321	1/21	P/RB36							
									032	1/18	P/TB48	TB38	IO		121	1/21	P/RB38							
									223	1/15	P/TB5	TB41	IO		120	1/21	P/RB41							
									232	1/18	P/TB50	TB43	IO		320	1/21	P/RB43							

PART OF FS 2  
SYMBOL(S) 29 30

AT&T  
BELL LABORATORIES

LINE UNIT, MODEL 2  
INTERNATIONAL

DMG SIZE  
C2

ISSUE

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 30 (CONT)  
HALF GRID

SYMBOL NO. 31 (CONT)  
TIP AND RING GRID 6 ( 8:1 )

SYMBOL NO. 32 (CONT)  
TIP AND RING GRID 6 ( 8:1 )

SYMBOL NO. 33 (CONT)  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDHXG12	13-144	TN838	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-150	TERMINAL FIELD	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-151	SEE NOTE 207	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDHXG13	13-152	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OSLG6	IO		240		1/13	
0256KH26	IO		038		1/12	
1ASWG60	IO		337		2/13	
1CLG6	IO		339		2/13	
1DG6	IO		238		2/13	
1EG60	IO		239		2/13	
1PAG60	IO		336		2/13	
1SLG6	IO		340		2/13	
1256KH26	IO		138		2/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R6151	IO		039		2/33 TO CAD 1 - CM	
R6152	IO		040		2/33 TO CAD 1 - CM	
R6153	IO		041		2/33 TO CAD 1 - CM	
R6160	IO		047		2/33 TO CAD 1 - CN	
R6161	IO		048		2/33 TO CAD 1 - CN	
R6162	IO		049		2/33 TO CAD 1 - CN	
R6163	IO		050		2/33 TO CAD 1 - CN	P/T6163
R6170	IO		051		2/33 TO CAD 1 - CN	
R6171	IO		052		2/33 TO CAD 1 - CN	
R6172	IO		053		2/33 TO CAD 1 - CN	P/T6172
R6173	IO		054		2/33 TO CAD 1 - CN	P/T6173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T6133	IO		022		2/33 TO CAD 1 - BT	P/R6133
T6140	IO		034		2/33 TO CAD 1 - CM	
T6141	IO		035		2/33 TO CAD 1 - CM	
T6142	IO		036		2/33 TO CAD 1 - CM	
T6143	IO		037		2/33 TO CAD 1 - CM	
T6150	IO		038		2/33 TO CAD 1 - CM	
T6151	IO		039		2/33 TO CAD 1 - CM	
T6152	IO		040		2/33 TO CAD 1 - CM	
T6153	IO		041		2/33 TO CAD 1 - CM	
T6160	IO		047		2/33 TO CAD 1 - CN	
T6161	IO		048		2/33 TO CAD 1 - CN	
T6162	IO		049		2/33 TO CAD 1 - CN	
T6163	IO		050		2/33 TO CAD 1 - CN	P/R6163
T6170	IO		051		2/33 TO CAD 1 - CN	
T6171	IO		052		2/33 TO CAD 1 - CN	
T6172	IO		053		2/33 TO CAD 1 - CN	P/R6172
T6173	IO		054		2/33 TO CAD 1 - CN	P/R6173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD			301		2/18	
GRD			302		2/18	
GRD			303		2/18	
GRD			304		2/18	
GRD			306		2/18	
GRD			307		2/18	
GRD			308		2/18	
GRD			355		2/18	
GRD			356		2/18	
-48V4A	PWR		003		2/30	
	PWR		004		2/30	
GRD13	GRD		000			
	GRD		036			
	GRD		037			
	GRD		100			
	GRD		136			
	GRD		137			
	GRD		140			
	GRD		141			
	GRD		200			
	GRD		300			
RB1	IO		019		1/15	P/TB1
RB11	IO		220		1/15	P/TB11
RB12	IO		222		1/15	P/TB12
RB14	IO		022		1/15	P/TB14
RB16	IO		032		1/14	P/TB16
RB18	IO		232		1/14	P/TB18
RB21	IO		244		1/14	P/TB21
RB23	IO		044		1/14	P/TB23
RB24	IO		035		1/14	P/TB24
RB26	IO		233		1/14	P/TB26
RB29	IO		245		1/14	P/TB29
RB3	IO		219		1/15	P/TB3
RB31	IO		045		1/14	P/TB31
RB32	IO		017		1/21	P/TB32
RB34	IO		217		1/21	P/TB34
RB37	IO		223		1/18	P/TB37
RB39	IO		023		1/18	P/TB39
RB4	IO		221		1/15	P/TB4
RB40	IO		018		1/18	P/TB40
RB42	IO		218		1/18	P/TB42
RB45	IO		224		1/21	P/TB45
RB47	IO		024		1/21	P/TB47
RB49	IO		034		1/21	P/TB49
RB51	IO		234		1/21	P/TB51
RB52	IO		242		1/18	P/TB52
RB54	IO		042		1/18	P/TB54
RB57	IO		035		1/18	P/TB57
RB59	IO		235		1/18	P/TB59
RB6	IO		021		1/15	P/TB6

SYMBOL NO. 31  
TIP AND RING GRID 6 ( 8:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-150	TERMINAL FIELD	A	

SYMBOL NO. 32  
TIP AND RING GRID 6 ( 8:1 )

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF	13-151	SEE NOTE 207	A	

SYMBOL NO. 33  
HALF GRID

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
GDHXG13	13-152	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R6100	IO		002		2/33 TO CAD 1 - BS	
R6101	IO		003		2/33 TO CAD 1 - BS	
R6102	IO		004		2/33 TO CAD 1 - BS	
R6103	IO		005		2/33 TO CAD 1 - BS	
R6110	IO		006		2/33 TO CAD 1 - BS	
R6111	IO		007		2/33 TO CAD 1 - BS	
R6112	IO		008		2/33 TO CAD 1 - BS	
R6113	IO		009		2/33 TO CAD 1 - BS	
R6120	IO		015		2/33 TO CAD 1 - BT	P/T6120
R6121	IO		016		2/33 TO CAD 1 - BT	
R6122	IO		017		2/33 TO CAD 1 - BT	P/T6122
R6123	IO		018		2/33 TO CAD 1 - BT	P/T6123
R6130	IO		019		2/33 TO CAD 1 - BT	P/T6130
R6131	IO		020		2/33 TO CAD 1 - BT	P/T6131
R6132	IO		021		2/33 TO CAD 1 - BT	P/T6132
R6133	IO		022		2/33 TO CAD 1 - BT	P/T6133
R6140	IO		034		2/33 TO CAD 1 - CM	
R6141	IO		035		2/33 TO CAD 1 - CM	
R6142	IO		036		2/33 TO CAD 1 - CM	
R6143	IO		037		2/33 TO CAD 1 - CM	
R615C	IO		038		2/33 TO CAD 1 - CM	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T6100	IO		002		2/33 TO CAD 1 - BS	
T6101	IO		003		2/33 TO CAD 1 - BS	
T6102	IO		004		2/33 TO CAD 1 - BS	
T6103	IO		005		2/33 TO CAD 1 - BS	
T6110	IO		006		2/33 TO CAD 1 - BS	
T6111	IO		007		2/33 TO CAD 1 - BS	
T6112	IO		008		2/33 TO CAD 1 - BS	
T6113	IO		009		2/33 TO CAD 1 - BS	
T6120	IO		015		2/33 TO CAD 1 - BT	P/R6120
T6121	IO		016		2/33 TO CAD 1 - BT	
T6122	IO		017		2/33 TO CAD 1 - BT	P/R6122
T6123	IO		018		2/33 TO CAD 1 - BT	P/R6123
T6130	IO		019		2/33 TO CAD 1 - BT	P/R6130
T6131	IO		020		2/33 TO CAD 1 - BT	P/R6131
T6132	IO		021		2/33 TO CAD 1 - BT	P/R6132

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V14	PWR		106		2/39	305
+300V15	PWR		006		2/39	305
+5V04	PWR		001		1/1	
+5V13	PWR		101		1/1	
-48RTNA	GRD		055		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		203		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

PART OF FS 2  
SYMBOL(S) 30 31 32 33

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE C2	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	BZCR

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 33 (CONT)  
HALF GRID

SYMBOL NO. 33 (CONT)  
HALF GRID

SYMBOL NO. 34  
TIP AND RING GRID 7 ( 8:1 )

DESIG	EOP	LOC	CODE	ELEM	OPT	DESIG	EOP	LOC	CODE	ELEM	OPT	DESIG	EOP	LOC	CODE	ELEM	OPT
GDXXHG13	13-152	TN838		A		GDXXHG13	13-152	TN838		A		TF	13-158	TERMINAL FIELD		A	
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			DESIG		MOD	OPT			DESIG		MOD	OPT		
RB60	IO		243	1/21	P/TB60	TB49	IO		134	1/21	P/RB49	R7000	IO		002	2/36	
RB62	IO		043	1/21	P/TB62	TB51	IO		334	1/21	P/RB51	R7001	IO		003	2/36	TO CAD 1 - BO
RB9	IO		020	1/15	P/TB9	TB52	IO		342	1/18	P/RB52	R7002	IO		004	2/36	TO CAD 1 - BO
RHTSRT	IO		103	1/14		TB54	IO		142	1/18	P/RB54	R7003	IO		005	2/36	TO CAD 1 - BO
R6100	IO		010	2/31	P/T6100	TB57	IO		135	1/18	P/RB57	R7010	IO		006	2/36	TO CAD 1 - BO
R6101	IO		011	2/31	P/T6101	TB59	IO		335	1/18	P/RB59	R7011	IO		007	2/36	TO CAD 1 - BO
R6102	IO		213	2/31	P/T6102	TB6	IO		121	1/15	P/RB6	R7012	IO		008	2/36	TO CAD 1 - BO
R6103	IO		215	2/31	P/T6103	TB60	IO		343	1/21	P/RB60	R7013	IO		009	2/36	TO CAD 1 - BO
R6110	IO		014	2/31	P/T6110	TB62	IO		143	1/21	P/RB62	R7020	IO		015	2/36	TO CAD 1 - BR
R6111	IO		016	2/31	P/T6111	TB9	IO		120	1/15	P/RB9	R7021	IO		016	2/36	TO CAD 1 - BR
R6112	IO		210	2/31	P/T6112	T6100	IO		110	2/32	P/R6100	R7022	IO		017	2/36	TO CAD 1 - BR
R6113	IO		212	2/31	P/T6113	T6101	IO		111	2/32	P/R6101	R7023	IO		018	2/36	TO CAD 1 - BR
R6120	IO		013	2/31		T6102	IO		313	2/32	P/R6102	R7030	IO		019	2/36	TO CAD 1 - BR
R6121	IO		015	2/31	P/T6121	T6103	IO		315	2/32	P/R6103	R7031	IO		020	2/36	TO CAD 1 - BR
R6122	IO		209	2/31		T6110	IO		114	2/32	P/R6110	R7032	IO		021	2/36	TO CAD 1 - BR
R6123	IO		211	2/31		T6111	IO		116	2/32	P/R6111	R7033	IO		022	2/36	TO CAD 1 - BR
R6130	IO		009	2/31		T6112	IO		310	2/32	P/R6112	R7040	IO		034	2/36	TO CAD 1 - CK
R6131	IO		012	2/31		T6113	IO		312	2/32	P/R6113	R7041	IO		035	2/36	TO CAD 1 - CK
R6132	IO		214	2/31		T6120	IO		113	2/32	P/R6120	R7042	IO		036	2/36	TO CAD 1 - CK
R6133	IO		216	2/31		T6121	IO		115	2/32	P/R6121	R7045	IO		037	2/36	TO CAD 1 - CK
R6140	IO		353	2/31	P/T6140	T6122	IO		309	2/32		R7050	IO		038	2/36	TO CAD 1 - CK
R6141	IO		351	2/31	P/T6141	T6123	IO		311	2/32	P/R6123	R7051	IO		039	2/36	TO CAD 1 - CK
R6142	IO		349	2/31	P/T6142	T6130	IO		109	2/32	P/R6130	R7052	IO		040	2/36	TO CAD 1 - CK
R6143	IO		347	2/31	P/T6143	T6131	IO		112	2/32	P/R6131	R7053	IO		041	2/36	TO CAD 1 - CK
R6150	IO		152	2/31		T6132	IO		314	2/32	P/R6132	R7060	IO		047	2/36	TO CAD 1 - CL
R6151	IO		150	2/31	P/T6151	T6133	IO		316	2/32	P/R6133	R7061	IO		048	2/36	TO CAD 1 - CL
R6152	IO		148	2/31	P/T6152	T6140	IO		253	2/32	P/R6140	R7062	IO		049	2/36	TO CAD 1 - CL
R6153	IO		146	2/31	P/T6153	T6141	IO		251	2/32	P/R6141	R7063	IO		050	2/36	TO CAD 1 - CL
R6160	IO		153	2/31	P/T6160	T6142	IO		249	2/32	P/R6142	R7070	IO		051	2/36	TO CAD 1 - CL
R6161	IO		151	2/31	P/T6161	T6143	IO		247	2/32	P/R6143	R7071	IO		052	2/36	TO CAD 1 - CL
R6162	IO		149	2/31	P/T6162	T6150	IO		052	2/32	P/R6150	R7072	IO		053	2/36	TO CAD 1 - CL
R6163	IO		147	2/31		T6151	IO		050	2/32	P/R6151	R7073	IO		054	2/36	TO CAD 1 - CL
R6170	IO		352	2/31	P/T6170	T6152	IO		048	2/32	P/R6152						
R6171	IO		350	2/31	P/T6171	T6153	IO		046	2/32	P/R6153						
R6172	IO		348	2/31		T6160	IO		053	2/32	P/R6160						
R6173	IO		346	2/31		T6161	IO		051	2/32	P/R6161						
TB1	IO		119	1/15	P/RB1	T6162	IO		049	2/32	P/R6162						
TB11	IO		320	1/15	P/RB11	T6163	IO		047	2/32	P/R6163						
TB12	IO		322	1/15	P/RB12	T6170	IO		252	2/32	P/R6170						
TB14	IO		122	1/15	P/RB14	T6171	IO		250	2/32	P/R6171						
TB16	IO		132	1/14	P/RB16	T6172	IO		248	2/32							
TB18	IO		332	1/14	P/RB18	T6173	IO		246	2/32							
TB21	IO		344	1/14	P/RB21	OASHG61	IO		237	1/13							
TB23	IO		144	1/14	P/RB23	OCLG6	IO		241	1/13							
TB24	IO		133	1/14	P/RB24	ODG6	IO		338	1/13							
TB26	IO		333	1/14	P/RB26	OEG61	IO		341	1/13							
TB29	IO		345	1/14	P/RB29	OPAG61	IO		236	1/13							
TB3	IO		319	1/15	P/RB3	OSLG6	IO		240	1/13							
TB31	IO		140	1/14	P/RB31	O256KH26	IO		038	1/12							
TB32	IO		117	1/21	P/RB32	1ASHG61	IO		337	2/13							
TB34	IO		317	1/21	P/RB34	1CLG6	IO		339	2/13							
TB37	IO		323	1/18	P/RB37	1DG6	IO		238	2/13							
TB39	IO		123	1/18	P/RB39	1EG61	IO		239	2/13							
TB4	IO		321	1/15	P/RB4	1PAG61	IO		336	2/13							
TB40	IO		118	1/18	P/RB40	1SLG6	IO		340	2/13							
TB42	IO		318	1/18	P/RB42	1256KH26	IO		138	2/12							
TB45	IO		324	1/21	P/RB45												
TB47	IO		124	1/21	P/RB47												

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AT&T BELL LABORATORIES		ISSUE 1
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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 35  
TIP AND RING GRID 7 ( 8:1 )

SYMBOL NO. 36  
HALF GRID

SYMBOL NO. 36 (CONT)  
HALF GRID

SYMBOL NO. 36 (CONT)  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
TF	13-159	SEE NOTE 207	A		GDXXHG14	13-160	TN838	A		GDXXHG14	13-160	TN838	A		GDXXHG14	13-160	TN838	A						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
T7000	IO		002	2/36 TO CAD 1 - BO		+300V12 PWR		006		2/30	305	RB53	IO		244	1/21		P/TB53	TB44	IO		322	1/18	P/RB44
T7001	IO		003	2/36 TO CAD 1 - BO		+300V13 PWR		106		2/30	305	RB54	IO		042	1/18		P/TB54	TB47	IO		124	1/21	P/RB47
T7002	IO		004	2/36 TO CAD 1 - BO		+5V04 PWR		001		1/1		RB56	IO		033	1/21		P/TB56	TB48	IO		132	1/18	P/RB48
T7003	IO		005	2/36 TO CAD 1 - BO		+5V13 PWR		101		1/1		RB59	IO		235	1/18		P/TB59	TB5	IO		323	1/15	P/RB5
T7010	IO		006	2/36 TO CAD 1 - BO		-48RTNA GRD		055		2/18		RB6	IO		021	1/15		P/TB6	TB51	IO		334	1/21	P/RB51
T7011	IO		007	2/36 TO CAD 1 - BO				056		2/18		RB61	IO		245	1/18		P/TB61	TB53	IO		344	1/21	P/RB53
T7012	IO		008	2/36 TO CAD 1 - BO				155		2/18		RB62	IO		043	1/21		P/TB62	TB54	IO		142	1/18	P/RB54
T7013	IO		009	2/36 TO CAD 1 - BO				156		2/18		RB8	IO		018	1/15		P/TB8	TB56	IO		133	1/21	P/RB56
T7020	IO		015	2/36 TO CAD 1 - BR	P/R7020			203		2/18		RMTSRT	IO		103	1/14			TB59	IO		335	1/18	P/RB59
T7021	IO		016	2/36 TO CAD 1 - BR				204		2/18		R7000	IO		010	2/34		P/T7000	TB6	IO		121	1/15	P/RB6
T7022	IO		017	2/36 TO CAD 1 - BR	P/R7022			206		2/18		R7001	IO		011	2/34		P/T7001	TB61	IO		345	1/18	P/RB61
T7023	IO		018	2/36 TO CAD 1 - BR	P/R7023			207		2/18		R7002	IO		213	2/34		P/T7002	TB62	IO		143	1/21	P/RB62
T7030	IO		019	2/36 TO CAD 1 - BR	P/R7030			208		2/18		R7003	IO		215	2/34		P/T7003	TB8	IO		118	1/15	P/RB8
T7031	IO		020	2/36 TO CAD 1 - BR	P/R7031			235		2/18		R7010	IO		014	2/34		P/T7010	T7000	IO		110	2/35	P/R7000
T7032	IO		021	2/36 TO CAD 1 - BR	P/R7032			236		2/18		R7011	IO		016	2/34		P/T7011	T7001	IO		111	2/35	P/R7001
T7033	IO		022	2/36 TO CAD 1 - BR	P/R7033			301		2/18		R7012	IO		210	2/34		P/T7012	T7002	IO		313	2/35	P/R7002
T7040	IO		034	2/36 TO CAD 1 - CK				302		2/18		R7013	IO		212	2/34		P/T7013	T7003	IO		315	2/35	P/R7003
T7041	IO		035	2/36 TO CAD 1 - CK				303		2/18		R7020	IO		013	2/34			T7010	IO		114	2/35	P/R7010
T7042	IO		036	2/36 TO CAD 1 - CK				304		2/18		R7021	IO		015	2/34		P/T7021	T7011	IO		116	2/35	P/R7011
T7043	IO		037	2/36 TO CAD 1 - CK				306		2/18		R7022	IO		209	2/34			T7012	IO		310	2/35	P/R7012
T7050	IO		038	2/36 TO CAD 1 - CK				307		2/18		R7023	IO		211	2/34			T7013	IO		312	2/35	P/R7013
T7051	IO		039	2/36 TO CAD 1 - CK				308		2/18		R7030	IO		009	2/34			T7020	IO		113	2/35	P/R7020
T7052	IO		040	2/36 TO CAD 1 - CK				355		2/18		R7031	IO		012	2/34			T7021	IO		115	2/35	P/R7021
T7053	IO		041	2/36 TO CAD 1 - CK				356		2/18		R7032	IO		214	2/34			T7022	IO		309	2/35	P/R7022
T7060	IO		047	2/36 TO CAD 1 - CL				004		2/36		R7033	IO		216	2/34			T7023	IO		311	2/35	P/R7023
T7061	IO		048	2/36 TO CAD 1 - CL				003		2/39, 2/53		R7040	IO		353	2/34		P/T7040	T7030	IO		109	2/35	P/R7030
T7062	IO		049	2/36 TO CAD 1 - CL				000				R7041	IO		351	2/34		P/T7041	T7031	IO		112	2/35	P/R7031
T7063	IO		050	2/36 TO CAD 1 - CL	P/R7063			036				R7042	IO		349	2/34		P/T7042	T7032	IO		314	2/35	P/R7032
T7070	IO		051	2/36 TO CAD 1 - CL				037				R7043	IO		347	2/34		P/T7043	T7033	IO		316	2/35	P/R7033
T7071	IO		052	2/36 TO CAD 1 - CL				100				R7050	IO		152	2/34		P/T7050	T7040	IO		253	2/35	P/R7040
T7072	IO		053	2/36 TO CAD 1 - CL	P/R7072			136				R7051	IO		150	2/34		P/T7051	T7041	IO		251	2/35	P/R7041
T7073	IO		054	2/36 TO CAD 1 - CL	P/R7073			137				R7052	IO		148	2/34		P/T7052	T7042	IO		249	2/35	P/R7042
								140				R7053	IO		146	2/34		P/T7053	T7043	IO		247	2/35	P/R7043
								141				R7060	IO		153	2/34		P/T7060	T7050	IO		052	2/35	P/R7050
								200				R7061	IO		151	2/34		P/T7061	T7051	IO		050	2/35	P/R7051
								300				R7062	IO		149	2/34		P/T7062	T7052	IO		048	2/35	P/R7052
								017		1/15	P/TB0	R7063	IO		147	2/34			T7053	IO		046	2/35	P/R7053
								220		1/15	P/TB11	R7070	IO		352	2/34		P/T7070	T7060	IO		053	2/35	P/R7060
								224		1/15	P/TB13	R7071	IO		350	2/34		P/T7071	T7061	IO		051	2/35	P/R7061
								022		1/15	P/TB14	R7072	IO		348	2/34			T7062	IO		049	2/35	P/R7062
								034		1/14	P/TB17	R7073	IO		346	2/34			T7063	IO		047	2/35	P/R7063
								232		1/14	P/TB18	TB0	IO		117	1/15		P/RB0	T7070	IO		252	2/35	P/R7070
								242		1/14	P/TB20	TB11	IO		320	1/15		P/RB11	T7071	IO		250	2/35	P/R7071
								044		1/14	P/TB23	TB13	IO		324	1/15		P/RB13	T7072	IO		248	2/35	P/R7072
								035		1/14	P/TB25	TB14	IO		122	1/15		P/RB14	T7073	IO		246	2/35	P/R7073
								233		1/14	P/TB26	TB17	IO		134	1/14		P/RB17	T7071	IO		250	2/35	P/R7071
								243		1/14	P/TB28	TB18	IO		332	1/14		P/RB18	T7072	IO		248	2/35	P/R7072
								219		1/15	P/TB3	TB20	IO		342	1/14		P/RB20	T7073	IO		246	2/35	P/R7073
								045		1/14	P/TB31	TB23	IO		144	1/14		P/RB23	0ASWG70	IO		237	1/13	
								019		1/18	P/TB33	TB25	IO		135	1/14		P/RB25	0CLG7	IO		241	1/13	
								217		1/21	P/TB34	TB26	IO		353	1/14		P/RB26	0DG7	IO		338	1/13	
								221		1/21	P/TB36	TB28	IO		343	1/14		P/RB28	0EG70	IO		341	1/13	
								023		1/18	P/TB39	TB3	IO		319	1/15		P/RB3	0PAG70	IO		236	1/13	
								020		1/21	P/TB41	TB31	IO		145	1/14		P/RB31						
								218		1/18	P/TB42	TB33	IO		119	1/18		P/RB33						
								222		1/18	P/TB44	TB34	IO		317	1/21		P/RB34						
								024		1/21	P/TB47	TB36	IO		321	1/21		P/RB36						
								032		1/18	P/TB48	TB39	IO		123	1/18		P/RB39						
								225		1/15	P/TB5	TB41	IO		120	1/21		P/RB41						

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 36 (CONT)  
HALF GRID

SYMBOL NO. 37 (CONT)  
TIP AND RING GRID 7 ( 8:1 )

SYMBOL NO. 38 (CONT)  
TIP AND RING GRID 7 ( 8:1 )

SYMBOL NO. 39 (CONT)  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG14	13-160	TN838	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-166	TERMINAL FIELD	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-167	SEE NOTE 207	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0SLG7	IO		240		1/13	
D256KHZ7	IO		038		1/12	
1ASNG70	IO		337		2/13	
1CLG7	IO		339		2/13	
1DG7	IO		238		2/13	
1EG70	IO		239		2/13	
1PAG70	IO		336		2/13	
1SLG7	IO		340		2/13	
1256KHZ7	IO		138		2/12	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R7151	IO		039		2/39 TO CAD 1 - CI	
R7152	IO		040		2/39 TO CAD 1 - CI	
R7153	IO		041		2/39 TO CAD 1 - CI	
R7160	IO		047		2/39 TO CAD 1 - CJ	
R7161	IO		048		2/39 TO CAD 1 - CJ	
R7162	IO		049		2/39 TO CAD 1 - CJ	
R7163	IO		050		2/39 TO CAD 1 - CJ	P/T7163
R7170	IO		051		2/39 TO CAD 1 - CJ	
R7171	IO		052		2/39 TO CAD 1 - CJ	
R7172	IO		053		2/39 TO CAD 1 - CJ	P/T7172
R7173	IO		054		2/39 TO CAD 1 - CJ	P/T7173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T7133	IO		022		2/39 TO CAD 1 - BP	P/R7133
T7140	IO		034		2/39 TO CAD 1 - CI	
T7141	IO		035		2/39 TO CAD 1 - CI	
T7142	IO		036		2/39 TO CAD 1 - CI	
T7143	IO		037		2/39 TO CAD 1 - CI	
T7150	IO		038		2/39 TO CAD 1 - CI	
T7151	IO		039		2/39 TO CAD 1 - CI	
T7152	IO		040		2/39 TO CAD 1 - CI	
T7153	IO		041		2/39 TO CAD 1 - CI	
T7160	IO		047		2/39 TO CAD 1 - CJ	
T7161	IO		048		2/39 TO CAD 1 - CJ	
T7162	IO		049		2/39 TO CAD 1 - CJ	
T7163	IO		050		2/39 TO CAD 1 - CJ	P/R7163
T7170	IO		051		2/39 TO CAD 1 - CJ	
T7171	IO		052		2/39 TO CAD 1 - CJ	
T7172	IO		053		2/39 TO CAD 1 - CJ	P/R7172
T7173	IO		054		2/39 TO CAD 1 - CJ	P/R7173

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
			301		2/18	
			302		2/18	
			303		2/18	
			304		2/18	
			306		2/18	
			307		2/18	
			308		2/18	
			355		2/18	
			356		2/18	
-48V5A	PHR		003		2/36	
	PHR		004		2/36	
GRD13	GRD		000			
			036			
			037			
			100			
			136			
			137			
			140			
			141			
			200			
			300			
RB1	IO		019		1/15	P/TB1
RB10	IO		218		1/15	P/TB10
RB12	IO		222		1/15	P/TB12
RB15	IO		024		1/15	P/TB15
RB16	IO		032		1/14	P/TB16
RB19	IO		234		1/14	P/TB19
RB2	IO		217		1/15	P/TB2
RB21	IO		244		1/14	P/TB21
RB22	IO		042		1/14	P/TB22
RB24	IO		033		1/14	P/TB24
RB27	IO		235		1/14	P/TB27
RB29	IO		245		1/14	P/TB29
RB30	IO		043		1/14	P/TB30
RB32	IO		017		1/21	P/TB32
RB35	IO		219		1/18	P/TB35
RB37	IO		223		1/18	P/TB37
RB38	IO		021		1/21	P/TB38
RB4	IO		221		1/15	P/TB4
RB40	IO		018		1/18	P/TB40
RB43	IO		220		1/21	P/TB43
RB45	IO		224		1/21	P/TB45
RB46	IO		022		1/18	P/TB46
RB49	IO		034		1/21	P/TB49
RB50	IO		232		1/18	P/TB50
RB52	IO		242		1/18	P/TB52
RB55	IO		044		1/21	P/TB55
RB57	IO		035		1/18	P/TB57
RB58	IO		233		1/21	P/TB58
RB60	IO		243		1/21	P/TB60

SYMBOL NO. 37  
TIP AND RING GRID 7 ( 8:1 )

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-166	TERMINAL FIELD	A	

SYMBOL NO. 38  
TIP AND RING GRID 7 ( 8:1 )

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TF	13-167	SEE NOTE 207	A	

SYMBOL NO. 39  
HALF GRID

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
GDXHG15	13-168	TN838	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
R7100	IO		002		2/39 TO CAD 1 - BO	
R7101	IO		003		2/39 TO CAD 1 - BO	
R7102	IO		004		2/39 TO CAD 1 - BO	
R7103	IO		005		2/39 TO CAD 1 - BO	
R7110	IO		006		2/39 TO CAD 1 - BO	
R7111	IO		007		2/39 TO CAD 1 - BO	
R7112	IO		008		2/39 TO CAD 1 - BO	
R7113	IO		009		2/39 TO CAD 1 - BO	
R7120	IO		015		2/39 TO CAD 1 - BP	P/T7120
R7121	IO		016		2/39 TO CAD 1 - BP	
R7122	IO		017		2/39 TO CAD 1 - BP	P/T7122
R7123	IO		018		2/39 TO CAD 1 - BP	P/T7123
R7130	IO		019		2/39 TO CAD 1 - BP	P/T7130
R7131	IO		020		2/39 TO CAD 1 - BP	P/T7131
R7132	IO		021		2/39 TO CAD 1 - BP	P/T7132
R7133	IO		022		2/39 TO CAD 1 - BP	P/T7133
R7140	IO		034		2/39 TO CAD 1 - CI	
R7141	IO		035		2/39 TO CAD 1 - CI	
R7142	IO		036		2/39 TO CAD 1 - CI	
R7143	IO		037		2/39 TO CAD 1 - CI	
R7150	IO		038		2/39 TO CAD 1 - CI	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
T7100	IO		002		2/39 TO CAD 1 - BO	
T7101	IO		003		2/39 TO CAD 1 - BO	
T7102	IO		004		2/39 TO CAD 1 - BO	
T7103	IO		005		2/39 TO CAD 1 - BO	
T7110	IO		006		2/39 TO CAD 1 - BO	
T7111	IO		007		2/39 TO CAD 1 - BO	
T7112	IO		008		2/39 TO CAD 1 - BO	
T7113	IO		009		2/39 TO CAD 1 - BO	
T7120	IO		015		2/39 TO CAD 1 - BP	P/R7120
T7121	IO		016		2/39 TO CAD 1 - BP	
T7122	IO		017		2/39 TO CAD 1 - BP	P/R7122
T7123	IO		018		2/39 TO CAD 1 - BP	P/R7123
T7130	IO		019		2/39 TO CAD 1 - BP	P/R7130
T7131	IO		020		2/39 TO CAD 1 - BP	P/R7131
T7132	IO		021		2/39 TO CAD 1 - BP	P/R7132

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+300V14	PHR		006		2/33	305
+300V15	PHR		106		2/33	305
+5V04	PHR		001		1/1	
+5V13	PHR		101		1/1	
-48RTNA	GRD		033		2/18	
	GRD		056		2/18	
	GRD		155		2/18	
	GRD		156		2/18	
	GRD		205		2/18	
	GRD		204		2/18	
	GRD		206		2/18	
	GRD		207		2/18	
	GRD		208		2/18	
	GRD		255		2/18	
	GRD		256		2/18	

PART OF FS 2  
SYMBOL(S) 36 37 38 39

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 1
SD-5X205-01		B2CV

PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 39 (CONT) HALF GRID							SYMBOL NO. 39 (CONT) HALF GRID							SYMBOL NO. 40 GROUND LUG							SYMBOL NO. 44 GROUND LUG						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
GDXHG15	13-168	TN838	A				GDXHG15	13-168	TN838	A				LUG	10-014	LUG	A				LUG	10-084	LUG	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RB63	IO		045		1/18	P/TB63	TB49	IO		134		1/21	P/RB49	GRDLUG	GRD		080		1/40	TO CAD 1 - DF	GRDLUG	GRD		080		1/40	
RB7	IO		023		1/15	P/TB7	TB50	IO		332		1/18	P/RB50														
RB9	IO		020		1/15	P/TB9	TB52	IO		342		1/18	P/RB52														
RMTSRT	IO		103		1/14		TB55	IO		144		1/21	P/RB55														
R7100	IO		010		2/37	P/T7100	TB57	IO		135		1/18	P/RB57														
R7101	IO		011		2/37	P/T7101	TB58	IO		333		1/21	P/RB58														
R7102	IO		213		2/37	P/T7102	TB60	IO		343		1/21	P/RB60														
R7103	IO		215		2/37	P/T7103	TB63	IO		145		1/18	P/RB63														
R7110	IO		014		2/37	P/T7110	TB7	IO		123		1/15	P/RB7														
R7111	IO		016		2/37	P/T7111	TB9	IO		120		1/15	P/RB9														
R7112	IO		210		2/37	P/T7112	T7100	IO		110		2/38	P/R7100														
R7113	IO		212		2/37	P/T7113	T7101	IO		111		2/38	P/R7101														
R7120	IO		013		2/37		T7102	IO		313		2/38	P/R7102														
R7121	IO		015		2/37	P/T7121	T7103	IO		315		2/38	P/R7103														
R7122	IO		209		2/37		T7110	IO		114		2/38	P/R7110														
R7123	IO		211		2/37		T7111	IO		116		2/38	P/R7111														
R7130	IO		009		2/37		T7112	IO		310		2/38	P/R7112														
R7131	IO		012		2/37		T7113	IO		312		2/38	P/R7113														
R7132	IO		214		2/37		T7120	IO		113		2/38															
R7133	IO		216		2/37		T7121	IO		115		2/38	P/R7121														
R7140	IO		353		2/37	P/T7140	T7122	IO		309		2/38															
R7141	IO		351		2/37	P/T7141	T7123	IO		311		2/38															
R7142	IO		349		2/37	P/T7142	T7130	IO		109		2/38															
R7143	IO		347		2/37	P/T7143	T7131	IO		112		2/38															
R7150	IO		152		2/37	P/T7150	T7132	IO		314		2/38															
R7151	IO		150		2/37	P/T7151	T7133	IO		316		2/38															
R7152	IO		148		2/37	P/T7152	T7140	IO		253		2/38	P/R7140														
R7153	IO		146		2/37	P/T7153	T7141	IO		251		2/38	P/R7141														
R7160	IO		153		2/37	P/T7160	T7142	IO		249		2/38	P/R7142														
R7161	IO		151		2/37	P/T7161	T7143	IO		247		2/38	P/R7143														
R7162	IO		149		2/37	P/T7162	T7150	IO		052		2/38	P/R7150														
R7163	IO		147		2/37		T7151	IO		050		2/38	P/R7151														
R7170	IO		352		2/37	P/T7170	T7152	IO		048		2/38	P/R7152														
R7171	IO		350		2/37	P/T7171	T7153	IO		046		2/38	P/R7153														
R7172	IO		348		2/37		T7160	IO		053		2/38	P/R7160														
R7173	IO		346		2/37		T7161	IO		051		2/38	P/R7161														
TB1	IO		119		1/15	P/RB1	T7162	IO		049		2/38	P/R7162														
TB10	IO		318		1/15	P/RB10	T7163	IO		047		2/38	P/R7170														
TB12	IO		322		1/15	P/RB12	T7170	IO		252		2/38															
TB15	IO		124		1/15	P/RB15	T7171	IO		250		2/38	P/R7171														
TB16	IO		132		1/14	P/RB16	T7172	IO		248		2/38															
TB19	IO		334		1/14	P/RB19	T7173	IO		246		2/38															
TB2	IO		317		1/15	P/RB2	OASWG71	IO		237		1/13															
TB21	IO		344		1/14	P/RB21	OCLG7	IO		241		1/13															
TB22	IO		142		1/14	P/RB22	ODG7	IO		338		1/13															
TB24	IO		153		1/14	P/RB24	OEG71	IO		341		1/13															
TB27	IO		335		1/14	P/RB27	OPAG71	IO		236		1/13															
T329	IO		345		1/14	P/RB29	OSLG7	IO		240		1/13															
T330	IO		143		1/14	P/RB30	O256KH27	IO		038		1/12															
TB32	IO		117		1/21	P/RB32	1ASWG71	IO		337		2/13															
TB35	IO		319		1/18	P/RB35	1CLG7	IO		339		2/13															
TB37	IO		323		1/18	P/RB37	1DG7	IO		238		2/13															
TB38	IO		121		1/21	P/RB38	1EG71	IO		239		2/13															
TB4	IO		321		1/15	P/RB4	1PAG71	IO		336		2/13															
TB40	IO		118		1/18	P/RB40	1SLG7	IO		340		2/13															
TB43	IO		320		1/21	P/RB43	1256KH27	IO		138		2/12															
TB45	IO		324		1/21	P/RB45																					
TB46	IO		122		1/18	P/RB46																					

PART OF FS 2  
SYMBOL(S) 39 40 41 42 43 44 45 46

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE  
CZ

ISSUE  
1

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SD-5X205-01

BZCW

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PART OF FS 2  
LINE CIRCUIT, UPPER SHELF

SYMBOL NO. 47  
POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-120	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V2A	PWR	---	1B0	---	2/18 TO CAD 1 - DE	---

SYMBOL NO. 48  
GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-125	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD	---	CB0	---	2/18 TO CAD 1 - DF	---

SYMBOL NO. 49  
POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-128	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V3A	PWR	---	3B0	---	2/24 TO CAD 1 - DE	---

SYMBOL NO. 50  
GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-149	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD	---	OB0	---	2/18 TO CAD 1 - DF	---

SYMBOL NO. 51  
POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-157	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V4A	PWR	---	OB0	---	2/30 TO CAD 1 - DE	---

SYMBOL NO. 52  
GROUND LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-165	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48RTNA	GRD	---	OB0	---	2/18 TO CAD 1 - DF	---

SYMBOL NO. 53  
POWER LUG

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
LUG	10-173	LUG	A	---

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48V5A	PWR	---	OB0	---	2/36 TO CAD 1 - DE	---

PART OF FS 2  
SYMBOL(S) 47 48 49 50 51 52 53

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LINE UNIT, MODEL 2 INTERNATIONAL	DWG SIZE C2	ISSUE 1
AT&T BELL LABORATORIES	SD-5X205-01	BZCX

0 1 2 3 4 5 6 7 8 9

APPARATUS FIGURES

EQL	04-008	04-016	04-024	04-032	04-038	04-046	04-054	04-062	04-070	04-078	04-086	04-096	04-104	04-112	04-120	04-128	04-136	04-144	04-152	04-160	04-168	EQL	
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																							1*
2	494GB				ED-7C384-30					(Z) TN842 (Y) TN842B	TN843	TN831	TN832	TN838		2							
3																							3
4																							4
5						AJT5	AJT5	AJT5	AJT5														5
6						AJT6	AJT6	AJT6	AJT6														6
7						AJT40	AJT40	AJT40	AJT40														7
8						AJT41	AJT41	AJT41	AJT41														8
9						AJT7	AJT7	AJT7	AJT7														9
10						RSVD	RSVD	RSVD	RSVD														10
11						RSVD	RSVD	RSVD	RSVD														11
12						RSVD	RSVD	RSVD	RSVD														12
13						RSVD	RSVD	RSVD	RSVD														13
14						RSVD	RSVD	RSVD	RSVD														14
15						RSVD	RSVD	RSVD	RSVD														15
16						RSVD	RSVD	RSVD	RSVD														16
17						RSVD	RSVD	RSVD	RSVD														17
18						RSVD	RSVD	RSVD	RSVD														18
19						RSVD	RSVD	RSVD	RSVD														19
20		MC5X242A1	MC5X242A1																				20
21				MC5X242A1																			21
22																							22
23		MC5D045A3	MC5D045A3																				23
24				MC5D045A3																			24
25																							25
26		RSVD	RSVD																				26

\* WIRING AS PER FS 1 AND 2  
 \*\* SEE NOTE 206

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 85	ISSUE /
AT&T BELL LABORATORIES		SD-5X205-01	SHEET CI

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A A

APPARATUS FIGURES

EQL	04-008	04-016	04-024	04-032	04-038	04-046	04-054	04-062	04-070	04-078	04-086	04-096	04-104	04-112	04-120	04-128	04-136	04-144	04-152	04-160	04-168	EQL	
APPARATUS FIGURE NUMBER	CODE	CODE	APPARATUS FIGURE NUMBER																				
27				RSVD																			27
28																							28
29		RSVD	RSVD																				29
30				RSVD																			30
31																							31
32		RSVD	RSVD																				32
33				RSVD																			33
34																							34
35		RSVD	RSVD																				35
36				RSVD																			36
37																							37
38		RSVD	RSVD																				38
39				RSVD																			39
40																							40
41		RSVD	RSVD																				41
42				RSVD																			42
43																							43
44		RSVD	RSVD																				44
45				RSVD																			45
46																							46
47		RSVD	RSVD																				47
48				RSVD																			48
49																							49
50		RSVD	RSVD																				50
51				RSVD																			51
52																							52

D D

E E

F F

G G

H H

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 88	ISSUE /
AT&T BELL LABORATORIES	SD-5X205-01	SHEET C2	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A

APPARATUS FIGURES

EQL	04-008	04-016	04-024	04-032	04-038	04-046	04-054	04-062	04-070	04-078	04-086	04-096	04-104	04-112	04-120	04-128	04-136	04-144	04-152	04-160	04-168	EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER									
53		RSVD	RSVD																			53
54				RSVD																		54
55																						55
56		RSVD	RSVD																			56
57				RSVD																		57
58																						58
59		RSVD	RSVD																			59
60				RSVD																		60
61																						61
62		RSVD	RSVD																			62
63				RSVD																		63
64																						64
65										ED90585-29 (35A)												65

D

E

F

G

H

0 1 2 3 4 5 6 7 8 9

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 88	ISSUE 3A
AT&T	SD-5X205-01	SHEET C3	

H

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### APPARATUS FIGURES

EQL	13-008	13-016	13-024	13-032	13-038	13-046	13-054	13-062	13-070	13-078	13-086	13-096	13-104	13-112	13-120	13-128	13-136	13-144	13-152	13-160	13-168	EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																						1*
2	494GB				ED-7C384-30**					(Z) TN842 (Y) TN842B	TN843	TN831	TN832									2
3														TN838	TN838	TN838	TN838					3
4																		TN838	TN838	TN838	TN838	4
5						AJT5	AJT5	AJT5	AJT5													5
6						AJT6	AJT6	AJT6	AJT6													6
7						AJT40	AJT40	AJT40	AJT40													7
8						AJT41	AJT41	AJT41	AJT41													8
9						AJT7	AJT7	AJT7	AJT7													9
10						RSVD	RSVD	RSVD	RSVD													10
11						RSVD	RSVD	RSVD	RSVD													11
12						RSVD	RSVD	RSVD	RSVD													12
13						RSVD	RSVD	RSVD	RSVD													13
14						RSVD	RSVD	RSVD	RSVD													14
15						RSVD	RSVD	RSVD	RSVD													15
16						RSVD	RSVD	RSVD	RSVD													16
17						RSVD	RSVD	RSVD	RSVD													17
18						RSVD	RSVD	RSVD	RSVD													18
19						RSVD	RSVD	RSVD	RSVD													19
20		MC5X242A1	MC5X242A1																			20
21																						21
22				MC5X242A1																		22
23		MC50045A3	MC50045A3																			23
24																						24
25				MC50045A3																		25
26		RSVD	RSVD																			26

\* WIRING AS PER FS 1 AND 2  
 \*\* SEE NOTE 206

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 43	ISSUE /
AT&T BELL LABORATORIES		SD-5X205-01	
		SHEET C4	

PRINTED IN USA

0 1 2 3 4 5 6 7 8 9

APPARATUS FIGURES

EQL	13-078	13-016	13-024	13-032	13-038	13-046	13-054	13-062	13-070	13-078	13-086	13-096	13-104	13-112	13-120	13-128	13-136	13-144	13-152	13-160	13-168	EQL	
APPARATUS FIGURE NUMBER	CODE	CODE	APPARATUS FIGURE NUMBER																				
27																							27
28				RSVD																			28
29		RSVD	RSVD																				29
30																							30
31				RSVD																			31
32		RSVD	RSVD																				32
33																							33
34				RSVD																			34
35		RSVD	RSVD																				35
36																							36
37				RSVD																			37
38		RSVD	RSVD																				38
39																							39
40				RSVD																			40
41		RSVD	RSVD																				41
42																							42
43				RSVD																			43
44		RSVD	RSVD																				44
45																							45
46				RSVD																			46
47		RSVD	RSVD																				47
48																							48
49				RSVD																			49
50		RSVD	RSVD																				50
51																							51
52				RSVD																			52

A  
B  
C  
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E  
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G  
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A  
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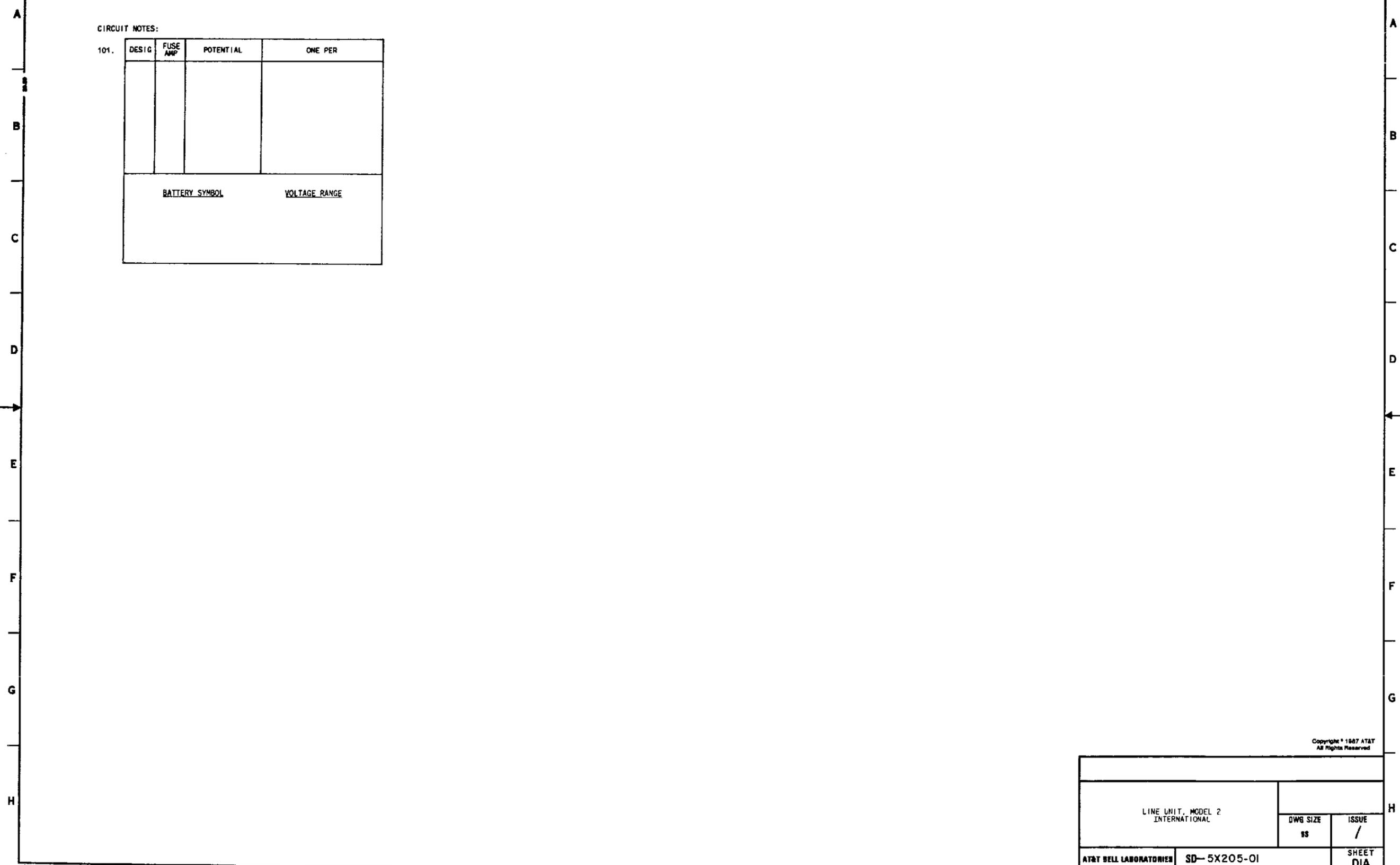
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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 8S	ISSUE /
AT&T BELL LABORATORIES SD-5X205-01		SHEET C5	

0 1 2 3 4 5 6 7 8 9



0 1 2 3 4 5 6 7 8 9



CIRCUIT NOTES:

101.	DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE		

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE	ISSUE
		SS	/
AT&T BELL LABORATORIES	SD-5X205-01	SHEET DIA	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A  
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EQUIPMENT NOTES:

- 201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-D4) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESMAP PROGRAMS.
- 202. ALL PRINTED WIRING CONNECTORS ARE SPECIFIED BY ED-90134-01.
- 203. ALL TIP AND RING LEADS ARE PAIRED (A-D4) VIA THE WESMAP ROUTING PROGRAMS.
- 204. FRAME GROUNDS ARE MECHANICALLY CONNECTED FROM THE UNIT BACKPLANE WITH SCREWS TO THE FRAME HARDWARE.
- 205. AN INTERBACKPLANE STRAP ED-50507-17 GROUP 27 IS REQUIRED ACROSS THE LUGS LISTED IN THE FOLLOWING TABLE. DESTINATIONS MARKED WITH AN ASTERISK (\*) ARE ALSO USED TO TERMINATE GROUND FEEDER CABLES. THE TERMINAL END OF ED-50507-17 GROUP 27 IS PROVIDED WITH AN ADDITIONAL TAB FOR MAKING THIS SECOND CONNECTION.

FROM LUG	TO LUG
07-014	10-014*
07-060	10-060*
07-084	10-084
07-102	10-102
07-109	10-109*
07-125	10-125*
07-149	10-149*
07-165	10-165

- 206. NO ELECTRICAL CONNECTION IS MADE TO GROUND SHIELD. ED-70384-30.

207.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL HOT	REMOVE UNIT POWER	SEQUENCED
TN339	X		
TN831	X		X
TN832	X		X
TN838	X		
TN842	X		
TN843	X		
TN844	X		

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE	ISSUE
		05	/
AT&T BELL LABORATORIES	SD-5X205-01	SHEET D2A	

0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS, VALUES PRECEDED BY THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
BACKPLANE WIRING			
OPTION W PROVIDES SIX 127C APPARATUS MOUNTINGS AND SIX 982KL CONNECTORS WHICH ARE REQUIRED IN ADDITION TO APPARATUS FIGURE 1 TO REPAIR A BACKPLANE WIRE PATH ROUTING PROBLEM. SEE NOTE 307.	1	W	1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 1, ASSEMBLY, WIRING AND EQUIPMENT ARE PROVIDED FOR ONE LINE UNIT ARRANGED FOR UP TO 512 LINES AT AN 8:1 CONCENTRATION RATIO AND FOR UP TO 6 RINGING AND TEST CIRCUITS AND EQUIPPED FOR 256 LINES AT A 4:1 CONCENTRATION RATIO BUT NOT INCLUDING CHANNEL, OR RINGING AND TEST CIRCUITS.	2		1 PER UNIT
TWO COMMON DATA CIRCUITS		Z	
TWO COMMON DATA CIRCUITS WITH EXTERNAL CLOCK LEADS, REQUIRED WITH APP FIGS. 13, 14, 15, 16, 17 OR 18.		Y	
IN ADDITION TO APPARATUS FIGURE 2, FOUR ADDITIONAL HALF-GRIDS TO PROVIDE 384 LINES AT A 6:1 CONCENTRATION RATIO ARE PROVIDED PER APPARATUS 3.	3		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 3, FOUR ADDITIONAL HALF-GRIDS TO PROVIDE 512 LINES AT A 8:1 CONCENTRATION RATIO ARE PROVIDED PER APPARATUS 4.	4		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, EIGHT CHANNEL CIRCUITS HAVING U-LAW, 600 OHM, SOFTWARE SELECTABLE: LOADED, NON-LOADED, AND INTERNATIONAL NON-LOADED BALANCE NETWORKS ARE PROVIDED PER APPARATUS 5.	5		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, EIGHT CHANNEL CIRCUITS HAVING A-LAW, 600 OHM, SOFTWARE SELECTABLE: LOADED, NON-LOADED, AND INTERNATIONAL NON-LOADED BALANCE NETWORKS, AND WITH 40 MA BATTERY FEED ARE PROVIDED PER APPARATUS 6.	6		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, EIGHT CHANNEL CIRCUITS HAVING A-LAW, 600 OHM, NON-SOFTWARE SELECTABLE EXTERNAL BALANCE, AND BATTERY FEED UP TO 60 MA ARE PROVIDED PER APPARATUS 7.	7		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, EIGHT CHANNEL CIRCUITS HAVING A-LAW, 800 OHM, NON-SOFTWARE SELECTABLE EXTERNAL BALANCE, AND 40 MA BATTERY FEED ARE PROVIDED PER APPARATUS 8.	8		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, EIGHT CHANNEL CIRCUITS HAVING U-LAW, 900 OHM, SOFTWARE SELECTABLE: LOADED, NON-LOADED, AND SPECIAL SERVICE BALANCE NETWORKS ARE PROVIDED PER APPARATUS 9.	9		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, FOUR RINGING AND TEST CIRCUITS HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS OUTPUT WITH A MINIMUM LOAD ARE PROVIDED PER APPARATUS 20.	20		1 PER UNIT

INFORMATION NOTES (CONT):

302. (CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
IN ADDITION TO APPARATUS FIGURE 20, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS OUTPUT WITH A MINIMUM LOAD IS PROVIDED PER APPARATUS 21.	21		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 21, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS OUTPUT WITH A MINIMUM LOAD IS PROVIDED PER APPARATUS 22.	22		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 2, FOUR RINGING AND TEST CIRCUITS HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS AND DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES ARE PROVIDED PER APPARATUS 23.	23		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 23, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS AND DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES IS PROVIDED PER APPARATUS 24.	24		1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 24, ONE ADDITIONAL RINGING AND TEST CIRCUIT HAVING STANDARD FEATURES AND INCLUDING FREQUENCY SELECTIVE RINGING AT 75 VRMS AND DISTINCTIVE RINGING FOR BUSINESS AND RESIDENCE CUSTOM SERVICES IS PROVIDED PER APPARATUS 25.	25		1 PER UNIT

303. RECORD OF FIGURES, WIRING AND APPARATUS CHANGES

CHANGED ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
2AC	W	NONE	307	W	

INFORMATION NOTES (CONT):

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
AJT5	E5PQ981AXX
AJT6	E5POAADAXX
AJT7	E5P074AXX
AJT40	E5P0950AXX
AJT41	E5P0001AXX
ED-7C384-30,G3	E5M050LAXX
MC50045A3	E5M050JAXX
MC5X242A1	E5P036JAXX
TN831	E5P036KAXX
TN832	E5P036FAXX
TN833	E5P030FAXX
TN842	E5P050CAXX
TN842B	E5P050HAXX
TN843	

305. THE TERMINAL INDICATED BELOW ARE HIGH VOLTAGE (+320V) TERMINALS. THEY SHOULD BE SLEEVED AS FAR DOWN ON THE TERMINAL AS POSSIBLE, AND THE SLEEVING CUT IN SUCH A MANNER THAT IT EXTENDS BEYOND THE END OF THE PIN BY APPROXIMATELY 1/8 INCH. THE MATERIAL SHOULD BE ORDERED AS: PTFE (POLYTETRAFLUOROETHYLENE) THIN WALL TUBING NOMINAL INSIDE DIA. .027 IN. NATURAL COLOR. RECOMMENDED SUPPLIER: ALPHA WIRE CORPORATION, ELIZABETH, NJ. TEFLON TUBING TFT-200 THIN WALL SIZE 22 COLOR - NATURAL.

TERMINALS

LEVEL	EQL	TERMS
04,13	112	006,106
04,13	120	006,106
04,13	128	006,106
04,13	136	006,106
04,13	144	006,106
04,13	152	006,106
04,13	160	006,106
04,13	168	006,106
04,13	096	007,107
04,13	104	006,007,106,107,206

306. VARIOUS CIRCUIT PACK CODES MAY BE USED AT THIS PARTICULAR EQUIPMENT LOCATION. REFER TO APPARATUS FIGURES FOR CIRCUIT PACK CODES USED IN SPECIFIC UNIT CONFIGURATIONS.

307. THIS OPTION IS ONLY REQUIRED WHEN UNIT IS IN A 5E2(2) OFFICE AND HAS BACKPLANE STAMPED AS FOLLOWS: J50004AC-2, 8900C12 OR EARLIER AND T ISSUES 1,2,7, 8,9,10 OR 11.

127C APPARATUS MOUNTINGS AND 982KL TYPE CONNECTORS ARE TO BE INSTALLED PER TABLE BELOW. (TOTAL OF SIX EACH PER UNIT.) APP MTGS AND CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

APP MTG	LOCATION	CONN	LOCATION
127C (2 X 24)	*-046-300 *-054-300 *-062-300	982KL (2 X 4)	*-046-321 *-054-321 *-062-321

\* DENOTES LEVELS 04 AND 13.

IF UNIT IS POWERED DURING INSTALLATION, USE APP MTG INSULATED INSERTION TOOL 965B, COMCODE 104375670, TO AVOID DAMAGE TO EQUIPMENT OR PERSONNEL INJURY.

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE 8S	ISSUE 2AC
AT&T BELL LABORATORIES		SD-5X205-01	
		SHEET D3A	

UNIT SYMBOL TABLE OF CONTENTS				
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT	
DATA/CONTROL	(04-096-322) TO MDF	2 X 3	AQ	
	(04-086-332) TO SMPU	2 X 6	BK	
	(04-086-132) TO SMPU	2 X 6	BL	
	(04-078-133) TO TSIU	2 X 4	BM	
	(04-078-138) TO TSIU	2 X 4	BN	
	(13-096-322) TO MDF	2 X 3	CE	
	(13-086-332) TO SMPU	2 X 6	CY	
	(13-086-132) TO SMPU	2 X 6	CZ	
	(13-078-133) TO TSIU	2 X 4	DA	
	(13-078-138) TO TSIU	2 X 4	DB	
TIP AND RING GRID 0	(04-119-000) TO MDF	2 X 12	AM	
	(04-119-013) TO MDF	2 X 12	AN	
	(04-111-000) TO MDF	2 X 12	AO	
	(04-111-013) TO MDF	2 X 12	AP	
	(04-119-032) TO MDF	2 X 12	BG	
	(04-119-045) TO MDF	2 X 12	BH	
	(04-111-032) TO MDF	2 X 12	BI	
	(04-111-045) TO MDF	2 X 12	BJ	
	TIP AND RING GRID 1	(04-135-000) TO MDF	2 X 12	AI
		(04-135-013) TO MDF	2 X 12	AJ
(04-127-000) TO MDF		2 X 12	AK	
(04-127-013) TO MDF		2 X 12	AL	
(04-135-032) TO MDF		2 X 12	BC	
(04-135-045) TO MDF		2 X 12	BD	
(04-127-032) TO MDF		2 X 12	BE	
(04-127-045) TO MDF		2 X 12	BF	
TIP AND RING GRID 2		(04-151-000) TO MDF	2 X 12	AE
		(04-151-013) TO MDF	2 X 12	AF
	(04-143-000) TO MDF	2 X 12	AG	
	(04-143-013) TO MDF	2 X 12	AH	
	(04-151-032) TO MDF	2 X 12	AY	
	(04-151-045) TO MDF	2 X 12	AZ	
	(04-143-032) TO MDF	2 X 12	BA	
	(04-143-045) TO MDF	2 X 12	BB	
	TIP AND RING GRID 3	(04-167-000) TO MDF	2 X 12	AA
		(04-167-013) TO MDF	2 X 12	AB

UNIT SYMBOL TABLE OF CONTENTS				
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT	
TIP AND RING GRID 3 (CONT)	(04-159-000) TO MDF	2 X 12	AC	
	(04-159-013) TO MDF	2 X 12	AD	
	(04-167-032) TO MDF	2 X 12	AU	
	(04-167-045) TO MDF	2 X 12	AV	
	(04-159-032) TO MDF	2 X 12	AW	
	(04-159-045) TO MDF	2 X 12	AX	
	TIP AND RING GRID 4	(13-119-000) TO MDF	2 X 12	CA
(13-119-013) TO MDF		2 X 12	CB	
(13-111-000) TO MDF		2 X 12	CC	
(13-111-013) TO MDF		2 X 12	CD	
(13-119-032) TO MDF		2 X 12	CU	
(13-119-045) TO MDF		2 X 12	CV	
(13-111-032) TO MDF		2 X 12	CW	
(13-111-045) TO MDF		2 X 12	CX	
TIP AND RING GRID 5		(13-135-000) TO MDF	2 X 12	BW
		(13-135-013) TO MDF	2 X 12	BX
	(13-127-000) TO MDF	2 X 12	BY	
	(13-127-013) TO MDF	2 X 12	BZ	
	(13-135-032) TO MDF	2 X 12	CQ	
	(13-135-045) TO MDF	2 X 12	CR	
	(13-127-032) TO MDF	2 X 12	CS	
	(13-127-045) TO MDF	2 X 12	CT	
	TIP AND RING GRID 6	(13-151-000) TO MDF	2 X 12	BS
		(13-151-013) TO MDF	2 X 12	BT
(13-143-000) TO MDF		2 X 12	BU	
(13-143-013) TO MDF		2 X 12	BV	
(13-151-032) TO MDF		2 X 12	CM	
(13-151-045) TO MDF		2 X 12	CN	
(13-143-032) TO MDF		2 X 12	CO	
(13-143-045) TO MDF		2 X 12	CP	
TIP AND RING GRID 7		(13-167-000) TO MDF	2 X 12	BO
		(13-167-013) TO MDF	2 X 12	BP
	(13-159-000) TO MDF	2 X 12	BQ	
	(13-159-013) TO MDF	2 X 12	BR	
	(13-167-032) TO MDF	2 X 12	CI	
(13-167-045) TO MDF	2 X 12	CJ		

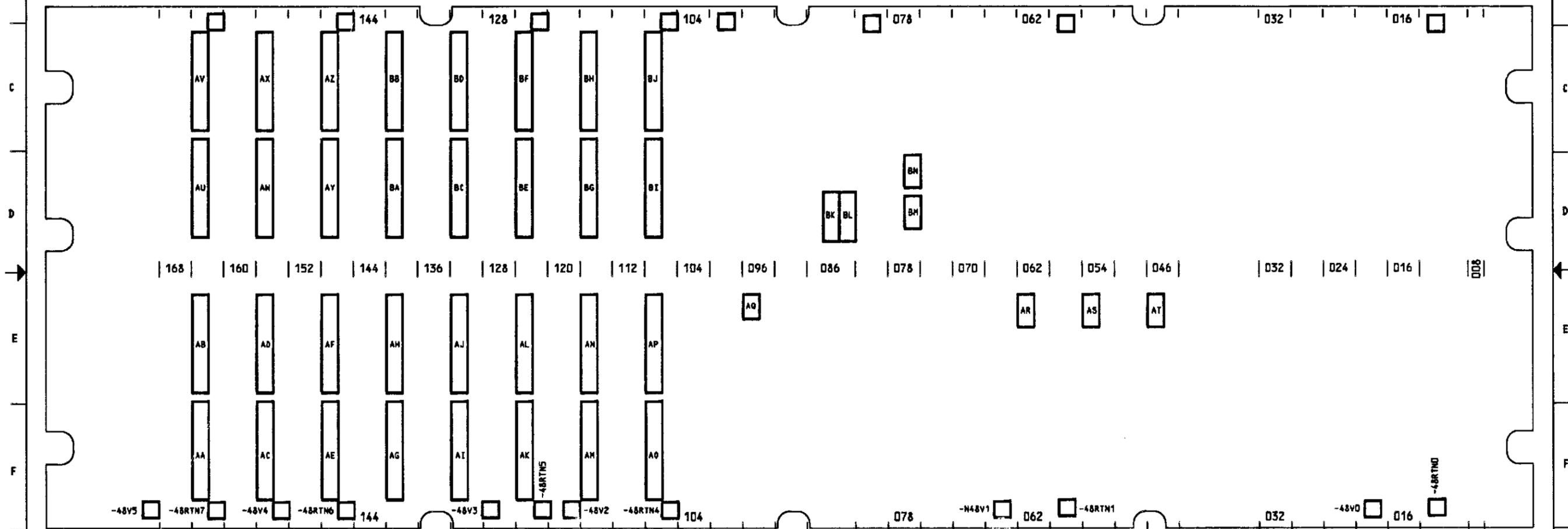
UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
TIP AND RING GRID 7 (CONT)	(13-159-032) TO MDF	2 X 12	CK
	(13-159-045) TO MDF	2 X 12	CL
BACKPLANE WIRE PATH ROUTING CONNECTORS (SEE NOTE 307)	(04-062-321) TO MDF	2 X 4	AR
	(04-054-321) TO MDF	2 X 4	AS
	(04-046-321) TO MDF	2 X 4	AT
	(13-062-321) TO MDF	2 X 4	CF
	(13-054-321) TO MDF	2 X 4	CG
(13-046-321) TO MDF	2 X 4	CH	
POWER	(01-022-080) POWER LUG	LUG	DC
	(01-066-080) POWER LUG	LUG	DC
	(01-120-180) POWER LUG	LUG	DC
	(01-128-380) POWER LUG	LUG	DC
	(01-157-080) POWER LUG	LUG	DC
	(01-173-080) POWER LUG	LUG	DC
	(01-014-080) GROUND LUG	LUG	DD
	(01-060-080) GROUND LUG	LUG	DD
	(01-109-080) GROUND LUG	LUG	DD
	(01-125-080) GROUND LUG	LUG	DD
	(01-149-080) GROUND LUG	LUG	DD
	(01-165-080) GROUND LUG	LUG	DD
	(01-022-080) POWER LUG	LUG	DE
	(10-066-080) POWER LUG	LUG	DE
	(10-120-180) POWER LUG	LUG	DE
	(10-128-380) POWER LUG	LUG	DE
	(10-157-080) POWER LUG	LUG	DE
	(10-173-080) POWER LUG	LUG	DE
	(10-014-080) GROUND LUG	LUG	DF
	(10-060-080) GROUND LUG	LUG	DF
	(10-109-080) GROUND LUG	LUG	DF
	(10-125-080) GROUND LUG	LUG	DF
	(10-149-080) GROUND LUG	LUG	DF
	(10-165-080) GROUND LUG	LUG	DF

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LINE UNIT, MODEL 2 INTERNATIONAL		DWB SIZE	ISSUE
		85	2AC
AT&T BELL LABORATORIES	SD-5X205-01	SHEET GBIA	

# CIRCUIT ACCESS REFERENCE DATA

LOWER SHELF



**NOTES:**

1. POWER LUGS ARE IN ELEMENT DC.
2. GROUND LUGS ARE IN ELEMENT DD.
3. FOR ELEMENTS AR-AT, SEE NOTE 307.

**FIG. 1**  
BACKPLANE PICTORIAL WIRING SIDE

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AT&T BELL LABORATORIES		ISSUE <b>2AC</b>
SD-5X205-01		GB1B

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# CIRCUIT ACCESS REFERENCE DATA

UPPER SHELF

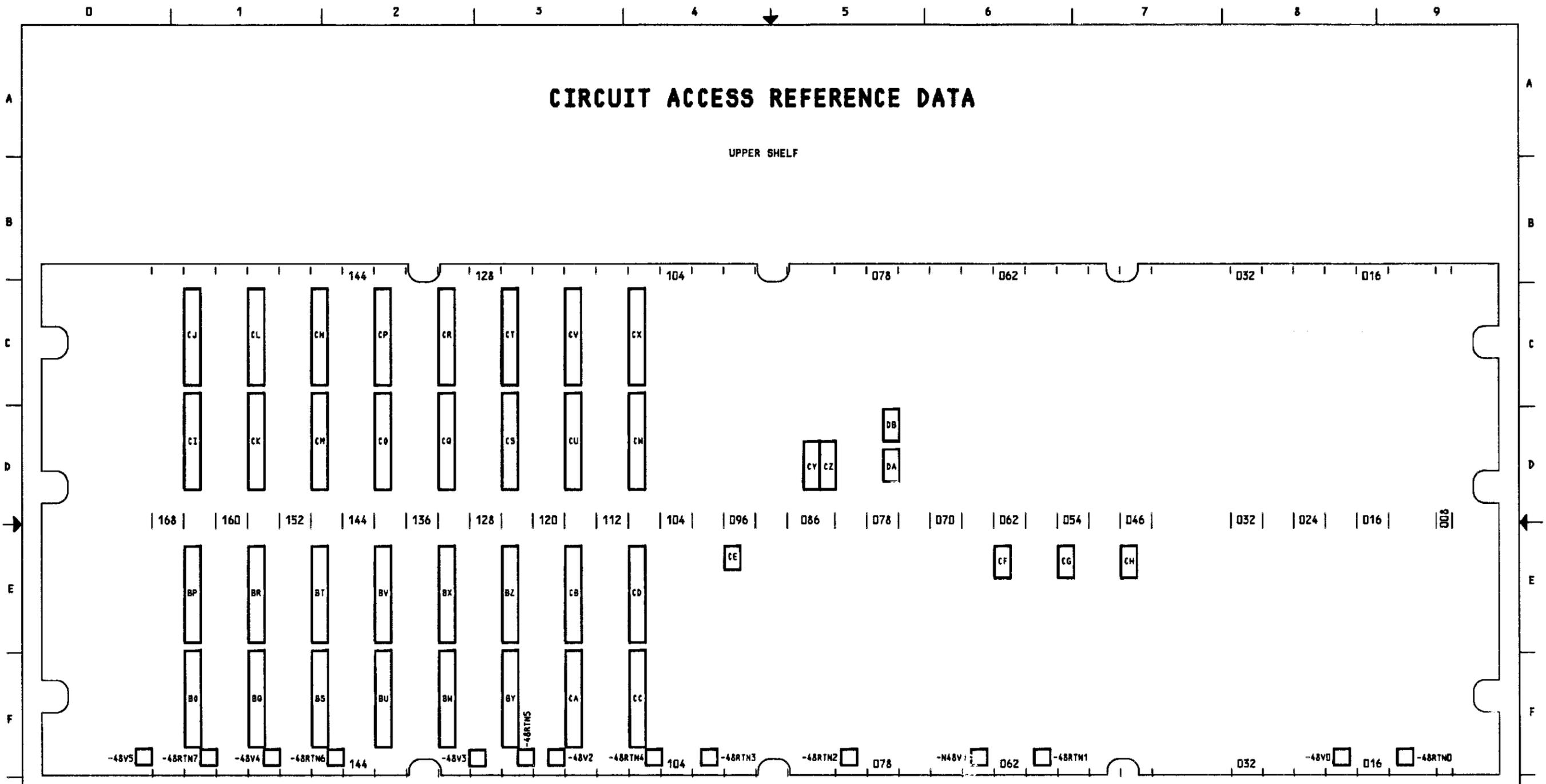


FIG. 2

BACKPLANE PICTORIAL WIRING SIDE

- NOTES:
1. POWER LUGS ARE IN ELEMENT DE.
  2. GROUND LUGS ARE IN ELEMENT DF.
  3. FOR ELEMENTS CF-CH, SEE NOTE 307.

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE c2
		ISSUE <b>ZAC</b>
AT&T BELL LABORATORIES	SD-5X205-01	GB1C

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CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER  
AA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3100	ID	04-166-002	04-166-002	1/37	
R3101	ID	04-166-003	04-166-003	1/37	
R3102	ID	04-166-004	04-166-004	1/37	
R3103	ID	04-166-005	04-166-005	1/37	
R3110	ID	04-166-006	04-166-006	1/37	
R3111	ID	04-166-007	04-166-007	1/37	
R3112	ID	04-166-008	04-166-008	1/37	
R3113	ID	04-166-009	04-166-009	1/37	
T3100	ID	04-167-002	04-167-002	1/38	
T3101	ID	04-167-003	04-167-003	1/38	
T3102	ID	04-167-004	04-167-004	1/38	
T3103	ID	04-167-005	04-167-005	1/38	
T3110	ID	04-167-006	04-167-006	1/38	
T3111	ID	04-167-007	04-167-007	1/38	
T3112	ID	04-167-008	04-167-008	1/38	
T3113	ID	04-167-009	04-167-009	1/38	

ELEMENT IDENTIFIER  
AC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3000	ID	04-158-002	04-158-002	1/34	
R3001	ID	04-158-003	04-158-003	1/34	
R3002	ID	04-158-004	04-158-004	1/34	
R3003	ID	04-158-005	04-158-005	1/34	
R3010	ID	04-158-006	04-158-006	1/34	
R3011	ID	04-158-007	04-158-007	1/34	
R3012	ID	04-158-008	04-158-008	1/34	
R3013	ID	04-158-009	04-158-009	1/34	
T3000	ID	04-159-002	04-159-002	1/35	
T3001	ID	04-159-003	04-159-003	1/35	
T3002	ID	04-159-004	04-159-004	1/35	
T3003	ID	04-159-005	04-159-005	1/35	
T3010	ID	04-159-006	04-159-006	1/35	
T3011	ID	04-159-007	04-159-007	1/35	
T3012	ID	04-159-008	04-159-008	1/35	
T3013	ID	04-159-009	04-159-009	1/35	

ELEMENT IDENTIFIER  
AE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2100	ID	04-150-002	04-150-002	1/31	
R2101	ID	04-150-003	04-150-003	1/31	
R2102	ID	04-150-004	04-150-004	1/31	
R2103	ID	04-150-005	04-150-005	1/31	
R2110	ID	04-150-006	04-150-006	1/31	
R2111	ID	04-150-007	04-150-007	1/31	
R2112	ID	04-150-008	04-150-008	1/31	
R2113	ID	04-150-009	04-150-009	1/31	
T2100	ID	04-151-002	04-151-002	1/32	
T2101	ID	04-151-003	04-151-003	1/32	
T2102	ID	04-151-004	04-151-004	1/32	
T2103	ID	04-151-005	04-151-005	1/32	
T2110	ID	04-151-006	04-151-006	1/32	
T2111	ID	04-151-007	04-151-007	1/32	
T2112	ID	04-151-008	04-151-008	1/32	
T2113	ID	04-151-009	04-151-009	1/32	

ELEMENT IDENTIFIER  
AG

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2000	ID	04-142-002	04-142-002	1/28	
R2001	ID	04-142-003	04-142-003	1/28	
R2002	ID	04-142-004	04-142-004	1/28	
R2003	ID	04-142-005	04-142-005	1/28	
R2010	ID	04-142-006	04-142-006	1/28	
R2011	ID	04-142-007	04-142-007	1/28	
R2012	ID	04-142-008	04-142-008	1/28	
R2013	ID	04-142-009	04-142-009	1/28	
T2000	ID	04-143-002	04-143-002	1/29	
T2001	ID	04-143-003	04-143-003	1/29	
T2002	ID	04-143-004	04-143-004	1/29	
T2003	ID	04-143-005	04-143-005	1/29	
T2010	ID	04-143-006	04-143-006	1/29	
T2011	ID	04-143-007	04-143-007	1/29	
T2012	ID	04-143-008	04-143-008	1/29	
T2013	ID	04-143-009	04-143-009	1/29	

ELEMENT IDENTIFIER  
AB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3120	ID	04-166-015	04-166-015	1/37	
R3121	ID	04-166-016	04-166-016	1/37	
R3122	ID	04-166-017	04-166-017	1/37	
R3123	ID	04-166-018	04-166-018	1/37	
R3130	ID	04-166-019	04-166-019	1/37	
R3131	ID	04-166-020	04-166-020	1/37	
R3132	ID	04-166-021	04-166-021	1/37	
R3133	ID	04-166-022	04-166-022	1/37	
T3120	ID	04-167-015	04-167-015	1/38	
T3121	ID	04-167-016	04-167-016	1/38	
T3122	ID	04-167-017	04-167-017	1/38	
T3123	ID	04-167-018	04-167-018	1/38	
T3130	ID	04-167-019	04-167-019	1/38	
T3131	ID	04-167-020	04-167-020	1/38	
T3132	ID	04-167-021	04-167-021	1/38	
T3133	ID	04-167-022	04-167-022	1/38	

ELEMENT IDENTIFIER  
AD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R3020	ID	04-158-015	04-158-015	1/34	
R3021	ID	04-158-016	04-158-016	1/34	
R3022	ID	04-158-017	04-158-017	1/34	
R3023	ID	04-158-018	04-158-018	1/34	
R3030	ID	04-158-019	04-158-019	1/34	
R3031	ID	04-158-020	04-158-020	1/34	
R3032	ID	04-158-021	04-158-021	1/34	
R3033	ID	04-158-022	04-158-022	1/34	
T3020	ID	04-159-015	04-159-015	1/35	
T3021	ID	04-159-016	04-159-016	1/35	
T3022	ID	04-159-017	04-159-017	1/35	
T3023	ID	04-159-018	04-159-018	1/35	
T3030	ID	04-159-019	04-159-019	1/35	
T3031	ID	04-159-020	04-159-020	1/35	
T3032	ID	04-159-021	04-159-021	1/35	
T3033	ID	04-159-022	04-159-022	1/35	

ELEMENT IDENTIFIER  
AF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2120	ID	04-150-015	04-150-015	1/31	
R2121	ID	04-150-016	04-150-016	1/31	
R2122	ID	04-150-017	04-150-017	1/31	
R2123	ID	04-150-018	04-150-018	1/31	
R2130	ID	04-150-019	04-150-019	1/31	
R2131	ID	04-150-020	04-150-020	1/31	
R2132	ID	04-150-021	04-150-021	1/31	
R2133	ID	04-150-022	04-150-022	1/31	
T2120	ID	04-151-015	04-151-015	1/32	
T2121	ID	04-151-016	04-151-016	1/32	
T2122	ID	04-151-017	04-151-017	1/32	
T2123	ID	04-151-018	04-151-018	1/32	
T2130	ID	04-151-019	04-151-019	1/32	
T2131	ID	04-151-020	04-151-020	1/32	
T2132	ID	04-151-021	04-151-021	1/32	
T2133	ID	04-151-022	04-151-022	1/32	

ELEMENT IDENTIFIER  
AH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R2020	ID	04-142-015	04-142-015	1/28	
R2021	ID	04-142-016	04-142-016	1/28	
R2022	ID	04-142-017	04-142-017	1/28	
R2023	ID	04-142-018	04-142-018	1/28	
R2030	ID	04-142-019	04-142-019	1/28	
R2031	ID	04-142-020	04-142-020	1/28	
R2032	ID	04-142-021	04-142-021	1/28	
R2033	ID	04-142-022	04-142-022	1/28	
T2020	ID	04-143-015	04-143-015	1/29	
T2021	ID	04-143-016	04-143-016	1/29	
T2022	ID	04-143-017	04-143-017	1/29	
T2023	ID	04-143-018	04-143-018	1/29	
T2030	ID	04-143-019	04-143-019	1/29	
T2031	ID	04-143-020	04-143-020	1/29	
T2032	ID	04-143-021	04-143-021	1/29	
T2033	ID	04-143-022	04-143-022	1/29	

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE  
Z

ISSUE  
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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

A1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1100	IO	04-134-002	04-134-002	1/25	
R1101	IO	04-134-003	04-134-003	1/25	
R1102	IO	04-134-004	04-134-004	1/25	
R1103	IO	04-134-005	04-134-005	1/25	
R1110	IO	04-134-006	04-134-006	1/25	
R1111	IO	04-134-007	04-134-007	1/25	
R1112	IO	04-134-008	04-134-008	1/25	
R1113	IO	04-134-009	04-134-009	1/25	
T1100	IO	04-135-002	04-135-002	1/26	
T1101	IO	04-135-003	04-135-003	1/26	
T1102	IO	04-135-004	04-135-004	1/26	
T1103	IO	04-135-005	04-135-005	1/26	
T1110	IO	04-135-006	04-135-006	1/26	
T1111	IO	04-135-007	04-135-007	1/26	
T1112	IO	04-135-008	04-135-008	1/26	
T1113	IO	04-135-009	04-135-009	1/26	

ELEMENT IDENTIFIER

AK

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1000	IO	04-126-002	04-126-002	1/22	
R1001	IO	04-126-003	04-126-003	1/22	
R1002	IO	04-126-004	04-126-004	1/22	
R1003	IO	04-126-005	04-126-005	1/22	
R1010	IO	04-126-006	04-126-006	1/22	
R1011	IO	04-126-007	04-126-007	1/22	
R1012	IO	04-126-008	04-126-008	1/22	
R1013	IO	04-126-009	04-126-009	1/22	
T1000	IO	04-127-002	04-127-002	1/23	
T1001	IO	04-127-003	04-127-003	1/23	
T1002	IO	04-127-004	04-127-004	1/23	
T1003	IO	04-127-005	04-127-005	1/23	
T1010	IO	04-127-006	04-127-006	1/23	
T1011	IO	04-127-007	04-127-007	1/23	
T1012	IO	04-127-008	04-127-008	1/23	
T1013	IO	04-127-009	04-127-009	1/23	

ELEMENT IDENTIFIER

AM

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0100	IO	04-118-002	04-118-002	1/19	
R0101	IO	04-118-003	04-118-003	1/19	
R0102	IO	04-118-004	04-118-004	1/19	
R0103	IO	04-118-005	04-118-005	1/19	
R0110	IO	04-118-006	04-118-006	1/19	
R0111	IO	04-118-007	04-118-007	1/19	
R0112	IO	04-118-008	04-118-008	1/19	
R0113	IO	04-118-009	04-118-009	1/19	
T0100	IO	04-119-002	04-119-002	1/20	
T0101	IO	04-119-003	04-119-003	1/20	
T0102	IO	04-119-004	04-119-004	1/20	
T0103	IO	04-119-005	04-119-005	1/20	
T0110	IO	04-119-006	04-119-006	1/20	
T0111	IO	04-119-007	04-119-007	1/20	
T0112	IO	04-119-008	04-119-008	1/20	
T0113	IO	04-119-009	04-119-009	1/20	

ELEMENT IDENTIFIER

AO

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0000	IO	04-110-002	04-110-002	1/16	
R0001	IO	04-110-003	04-110-003	1/16	
R0002	IO	04-110-004	04-110-004	1/16	
R0003	IO	04-110-005	04-110-005	1/16	
R0010	IO	04-110-006	04-110-006	1/16	
R0011	IO	04-110-007	04-110-007	1/16	
R0012	IO	04-110-008	04-110-008	1/16	
R0013	IO	04-110-009	04-110-009	1/16	
T0000	IO	04-111-002	04-111-002	1/17	
T0001	IO	04-111-003	04-111-003	1/17	
T0002	IO	04-111-004	04-111-004	1/17	
T0003	IO	04-111-005	04-111-005	1/17	
T0010	IO	04-111-006	04-111-006	1/17	
T0011	IO	04-111-007	04-111-007	1/17	
T0012	IO	04-111-008	04-111-008	1/17	
T0013	IO	04-111-009	04-111-009	1/17	

ELEMENT IDENTIFIER

AJ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1120	IO	04-134-015	04-134-015	1/25	
R1121	IO	04-134-016	04-134-016	1/25	
R1122	IO	04-134-017	04-134-017	1/25	
R1123	IO	04-134-018	04-134-018	1/25	
R1130	IO	04-134-019	04-134-019	1/25	
R1131	IO	04-134-020	04-134-020	1/25	
R1132	IO	04-134-021	04-134-021	1/25	
R1133	IO	04-134-022	04-134-022	1/25	
T1120	IO	04-135-015	04-135-015	1/26	
T1121	IO	04-135-016	04-135-016	1/26	
T1122	IO	04-135-017	04-135-017	1/26	
T1123	IO	04-135-018	04-135-018	1/26	
T1130	IO	04-135-019	04-135-019	1/26	
T1131	IO	04-135-020	04-135-020	1/26	
T1132	IO	04-135-021	04-135-021	1/26	
T1133	IO	04-135-022	04-135-022	1/26	

ELEMENT IDENTIFIER

AL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1020	IO	04-126-015	04-126-015	1/22	
R1021	IO	04-126-016	04-126-016	1/22	
R1022	IO	04-126-017	04-126-017	1/22	
R1023	IO	04-126-018	04-126-018	1/22	
R1030	IO	04-126-019	04-126-019	1/22	
R1031	IO	04-126-020	04-126-020	1/22	
R1032	IO	04-126-021	04-126-021	1/22	
R1033	IO	04-126-022	04-126-022	1/22	
T1020	IO	04-127-015	04-127-015	1/23	
T1021	IO	04-127-016	04-127-016	1/23	
T1022	IO	04-127-017	04-127-017	1/23	
T1023	IO	04-127-018	04-127-018	1/23	
T1030	IO	04-127-019	04-127-019	1/23	
T1031	IO	04-127-020	04-127-020	1/23	
T1032	IO	04-127-021	04-127-021	1/23	
T1033	IO	04-127-022	04-127-022	1/23	

ELEMENT IDENTIFIER

AN

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0120	IO	04-118-015	04-118-015	1/19	
R0121	IO	04-118-016	04-118-016	1/19	
R0122	IO	04-118-017	04-118-017	1/19	
R0123	IO	04-118-018	04-118-018	1/19	
R0130	IO	04-118-019	04-118-019	1/19	
R0131	IO	04-118-020	04-118-020	1/19	
R0132	IO	04-118-021	04-118-021	1/19	
R0133	IO	04-118-022	04-118-022	1/19	
T0120	IO	04-119-015	04-119-015	1/20	
T0121	IO	04-119-016	04-119-016	1/20	
T0122	IO	04-119-017	04-119-017	1/20	
T0123	IO	04-119-018	04-119-018	1/20	
T0130	IO	04-119-019	04-119-019	1/20	
T0131	IO	04-119-020	04-119-020	1/20	
T0132	IO	04-119-021	04-119-021	1/20	
T0133	IO	04-119-022	04-119-022	1/20	

ELEMENT IDENTIFIER

AP

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0020	IO	04-110-015	04-110-015	1/16	
R0021	IO	04-110-016	04-110-016	1/16	
R0022	IO	04-110-017	04-110-017	1/16	
R0023	IO	04-110-018	04-110-018	1/16	
R0030	IO	04-110-019	04-110-019	1/16	
R0031	IO	04-110-020	04-110-020	1/16	
R0032	IO	04-110-021	04-110-021	1/16	
R0033	IO	04-110-022	04-110-022	1/16	
T0020	IO	04-111-015	04-111-015	1/17	
T0021	IO	04-111-016	04-111-016	1/17	
T0022	IO	04-111-017	04-111-017	1/17	
T0023	IO	04-111-018	04-111-018	1/17	
T0030	IO	04-111-019	04-111-019	1/17	
T0031	IO	04-111-020	04-111-020	1/17	
T0032	IO	04-111-021	04-111-021	1/17	
T0033	IO	04-111-022	04-111-022	1/17	

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE  
C2

ISSUE  
1

AT&T  
BELL LABORATORIES

SD-5X205-01

GB3

PRINTED IN U.S.A.



CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER  
BC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1140	IO	04-134-034	04-134-034	1/25	
R1141	IO	04-134-035	04-134-035	1/25	
R1142	IO	04-134-036	04-134-036	1/25	
R1143	IO	04-134-037	04-134-037	1/25	
R1150	IO	04-134-038	04-134-038	1/25	
R1151	IO	04-134-039	04-134-039	1/25	
R1152	IO	04-134-040	04-134-040	1/25	
R1153	IO	04-134-041	04-134-041	1/25	
T1140	IO	04-135-034	04-135-034	1/26	
T1141	IO	04-135-035	04-135-035	1/26	
T1142	IO	04-135-036	04-135-036	1/26	
T1143	IO	04-135-037	04-135-037	1/26	
T1150	IO	04-135-038	04-135-038	1/26	
T1151	IO	04-135-039	04-135-039	1/26	
T1152	IO	04-135-040	04-135-040	1/26	
T1153	IO	04-135-041	04-135-041	1/26	

ELEMENT IDENTIFIER  
BE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1040	IO	04-126-034	04-126-034	1/22	
R1041	IO	04-126-035	04-126-035	1/22	
R1042	IO	04-126-036	04-126-036	1/22	
R1043	IO	04-126-037	04-126-037	1/22	
R1050	IO	04-126-038	04-126-038	1/22	
R1051	IO	04-126-039	04-126-039	1/22	
R1052	IO	04-126-040	04-126-040	1/22	
R1053	IO	04-126-041	04-126-041	1/22	
T1040	IO	04-127-034	04-127-034	1/23	
T1041	IO	04-127-035	04-127-035	1/23	
T1042	IO	04-127-036	04-127-036	1/23	
T1043	IO	04-127-037	04-127-037	1/23	
T1050	IO	04-127-038	04-127-038	1/23	
T1051	IO	04-127-039	04-127-039	1/23	
T1052	IO	04-127-040	04-127-040	1/23	
T1053	IO	04-127-041	04-127-041	1/23	

ELEMENT IDENTIFIER  
BG

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0140	IO	04-118-034	04-118-034	1/19	
R0141	IO	04-118-035	04-118-035	1/19	
R0142	IO	04-118-036	04-118-036	1/19	
R0143	IO	04-118-037	04-118-037	1/19	
R0150	IO	04-118-038	04-118-038	1/19	
R0151	IO	04-118-039	04-118-039	1/19	
R0152	IO	04-118-040	04-118-040	1/19	
R0153	IO	04-118-041	04-118-041	1/19	
T0140	IO	04-119-034	04-119-034	1/20	
T0141	IO	04-119-035	04-119-035	1/20	
T0142	IO	04-119-036	04-119-036	1/20	
T0143	IO	04-119-037	04-119-037	1/20	
T0150	IO	04-119-038	04-119-038	1/20	
T0151	IO	04-119-039	04-119-039	1/20	
T0152	IO	04-119-040	04-119-040	1/20	
T0153	IO	04-119-041	04-119-041	1/20	

ELEMENT IDENTIFIER  
BI

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0040	IO	04-110-034	04-110-034	1/16	
R0041	IO	04-110-035	04-110-035	1/16	
R0042	IO	04-110-036	04-110-036	1/16	
R0043	IO	04-110-037	04-110-037	1/16	
R0050	IO	04-110-038	04-110-038	1/16	
R0051	IO	04-110-039	04-110-039	1/16	
R0052	IO	04-110-040	04-110-040	1/16	
R0053	IO	04-110-041	04-110-041	1/16	
T0040	IO	04-111-034	04-111-034	1/17	
T0041	IO	04-111-035	04-111-035	1/17	
T0042	IO	04-111-036	04-111-036	1/17	
T0043	IO	04-111-037	04-111-037	1/17	
T0050	IO	04-111-038	04-111-038	1/17	
T0051	IO	04-111-039	04-111-039	1/17	
T0052	IO	04-111-040	04-111-040	1/17	
T0053	IO	04-111-041	04-111-041	1/17	

ELEMENT IDENTIFIER  
BO

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1160	IO	04-134-047	04-134-047	1/25	
R1161	IO	04-134-048	04-134-048	1/25	
R1162	IO	04-134-049	04-134-049	1/25	
R1163	IO	04-134-050	04-134-050	1/25	
R1170	IO	04-134-051	04-134-051	1/25	
R1171	IO	04-134-052	04-134-052	1/25	
R1172	IO	04-134-053	04-134-053	1/25	
R1173	IO	04-134-054	04-134-054	1/25	
T1160	IO	04-135-047	04-135-047	1/26	
T1161	IO	04-135-048	04-135-048	1/26	
T1162	IO	04-135-049	04-135-049	1/26	
T1163	IO	04-135-050	04-135-050	1/26	
T1170	IO	04-135-051	04-135-051	1/26	
T1171	IO	04-135-052	04-135-052	1/26	
T1172	IO	04-135-053	04-135-053	1/26	
T1173	IO	04-135-054	04-135-054	1/26	

ELEMENT IDENTIFIER  
BF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R1060	IO	04-126-047	04-126-047	1/22	
R1061	IO	04-126-048	04-126-048	1/22	
R1062	IO	04-126-049	04-126-049	1/22	
R1063	IO	04-126-050	04-126-050	1/22	
R1070	IO	04-126-051	04-126-051	1/22	
R1071	IO	04-126-052	04-126-052	1/22	
R1072	IO	04-126-053	04-126-053	1/22	
R1073	IO	04-126-054	04-126-054	1/22	
T1060	IO	04-127-047	04-127-047	1/23	
T1061	IO	04-127-048	04-127-048	1/23	
T1062	IO	04-127-049	04-127-049	1/23	
T1063	IO	04-127-050	04-127-050	1/23	
T1070	IO	04-127-051	04-127-051	1/23	
T1071	IO	04-127-052	04-127-052	1/23	
T1072	IO	04-127-053	04-127-053	1/23	
T1073	IO	04-127-054	04-127-054	1/23	

ELEMENT IDENTIFIER  
BH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0160	IO	04-118-047	04-118-047	1/19	
R0161	IO	04-118-048	04-118-048	1/19	
R0162	IO	04-118-049	04-118-049	1/19	
R0163	IO	04-118-050	04-118-050	1/19	
R0170	IO	04-118-051	04-118-051	1/19	
R0171	IO	04-118-052	04-118-052	1/19	
R0172	IO	04-118-053	04-118-053	1/19	
R0173	IO	04-118-054	04-118-054	1/19	
T0160	IO	04-119-047	04-119-047	1/20	
T0161	IO	04-119-048	04-119-048	1/20	
T0162	IO	04-119-049	04-119-049	1/20	
T0163	IO	04-119-050	04-119-050	1/20	
T0170	IO	04-119-051	04-119-051	1/20	
T0171	IO	04-119-052	04-119-052	1/20	
T0172	IO	04-119-053	04-119-053	1/20	
T0173	IO	04-119-054	04-119-054	1/20	

ELEMENT IDENTIFIER  
BJ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R0060	IO	04-110-047	04-110-047	1/16	
R0061	IO	04-110-048	04-110-048	1/16	
R0062	IO	04-110-049	04-110-049	1/16	
R0063	IO	04-110-050	04-110-050	1/16	
R0070	IO	04-110-051	04-110-051	1/16	
R0071	IO	04-110-052	04-110-052	1/16	
R0072	IO	04-110-053	04-110-053	1/16	
R0073	IO	04-110-054	04-110-054	1/16	
T0060	IO	04-111-047	04-111-047	1/17	
T0061	IO	04-111-048	04-111-048	1/17	
T0062	IO	04-111-049	04-111-049	1/17	
T0063	IO	04-111-050	04-111-050	1/17	
T0070	IO	04-111-051	04-111-051	1/17	
T0071	IO	04-111-052	04-111-052	1/17	
T0072	IO	04-111-053	04-111-053	1/17	
T0073	IO	04-111-054	04-111-054	1/17	

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LINE UNIT, MODEL 2 INTERNATIONAL		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 1
SD-5X205-01		GB5

CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER BK					ELEMENT IDENTIFIER BN					ELEMENT IDENTIFIER BO					ELEMENT IDENTIFIER BS								
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04	G	04-086-234	04-086-034	1/13		ODAININ	IO	04-078-138	04-078-138	1/12		R7000	IO	13-158-002	13-158-002	2/34		R6100	IO	13-150-002	13-150-002	2/31	
OCLKIN	IO	04-086-235	04-086-235	1/13		ODAINIP	IO	04-078-038	04-078-038	1/12		R7001	IO	13-158-003	13-158-003	2/34		R6101	IO	13-150-003	13-150-003	2/31	
OCLKIP	IO	04-086-335	04-086-335	1/13		ODAUTIN	IO	04-078-139	04-078-139	1/12		R7002	IO	13-158-004	13-158-004	2/34		R6102	IO	13-150-004	13-150-004	2/31	
OMSGIN	IO	04-086-236	04-086-236	1/13		ODAUTIP	IO	04-078-039	04-078-039	1/12		R7003	IO	13-158-005	13-158-005	2/34		R6103	IO	13-150-005	13-150-005	2/31	
OMSGIP	IO	04-086-336	04-086-336	1/13		O4MCKIN	IO	04-078-141	04-078-141	1/12		R7010	IO	13-158-006	13-158-006	2/34		R6110	IO	13-150-006	13-150-006	2/31	
ONINTIN	IO	04-086-233	04-086-233	1/13		O4MCKIP	IO	04-078-041	04-078-041	1/12		R7011	IO	13-158-007	13-158-007	2/34		R6111	IO	13-150-007	13-150-007	2/31	
ONINTIP	IO	04-086-333	04-086-333	1/13		OBKSNIN	IO	04-078-140	04-078-140	1/12		R7012	IO	13-158-008	13-158-008	2/34		R6112	IO	13-150-008	13-150-008	2/31	
ORPLYIN	IO	04-086-237	04-086-237	1/13		OBKSNIP	IO	04-078-040	04-078-040	1/12		R7013	IO	13-158-009	13-158-009	2/34		R6113	IO	13-150-009	13-150-009	2/31	
ORPLYIP	IO	04-086-337	04-086-337	1/13								T7000	IO	13-159-002	13-159-002	2/35		T6100	IO	13-151-002	13-151-002	2/32	
OSLCTIP	IO	04-086-334	04-086-334	1/13								T7001	IO	13-159-003	13-159-003	2/35		T6101	IO	13-151-003	13-151-003	2/32	
												T7002	IO	13-159-004	13-159-004	2/35		T6102	IO	13-151-004	13-151-004	2/32	
												T7003	IO	13-159-005	13-159-005	2/35		T6103	IO	13-151-005	13-151-005	2/32	
												T7010	IO	13-159-006	13-159-006	2/35		T6110	IO	13-151-006	13-151-006	2/32	
												T7011	IO	13-159-007	13-159-007	2/35		T6111	IO	13-151-007	13-151-007	2/32	
												T7012	IO	13-159-008	13-159-008	2/35		T6112	IO	13-151-008	13-151-008	2/32	
												T7013	IO	13-159-009	13-159-009	2/35		T6113	IO	13-151-009	13-151-009	2/32	

ELEMENT IDENTIFIER BL					ELEMENT IDENTIFIER BO					ELEMENT IDENTIFIER BR					ELEMENT IDENTIFIER BT								
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04	G	04-086-034	04-086-034	1/13		R7100	IO	13-166-002	13-166-002	2/37		R7020	IO	13-158-015	13-158-015	2/34		R6120	IO	13-150-015	13-150-015	2/31	
OCLKON	IO	04-086-035	04-086-035	1/13		R7101	IO	13-166-003	13-166-003	2/37		R7021	IO	13-158-016	13-158-016	2/34		R6121	IO	13-150-016	13-150-016	2/31	
OCLKOP	IO	04-086-135	04-086-135	1/13		R7102	IO	13-166-004	13-166-004	2/37		R7022	IO	13-158-017	13-158-017	2/34		R6122	IO	13-150-017	13-150-017	2/31	
OMSGON	IO	04-086-036	04-086-036	1/13		R7103	IO	13-166-005	13-166-005	2/37		R7023	IO	13-158-018	13-158-018	2/34		R6123	IO	13-150-018	13-150-018	2/31	
OMSGOP	IO	04-086-136	04-086-136	1/13		R7110	IO	13-166-006	13-166-006	2/37		R7030	IO	13-158-019	13-158-019	2/34		R6130	IO	13-150-019	13-150-019	2/31	
ONINTON	IO	04-086-033	04-086-033	1/13		R7111	IO	13-166-007	13-166-007	2/37		R7031	IO	13-158-020	13-158-020	2/34		R6131	IO	13-150-020	13-150-020	2/31	
ONINTOP	IO	04-086-133	04-086-133	1/13		R7112	IO	13-166-008	13-166-008	2/37		R7032	IO	13-158-021	13-158-021	2/34		R6132	IO	13-150-021	13-150-021	2/31	
ORPLYON	IO	04-086-037	04-086-037	1/13		R7113	IO	13-166-009	13-166-009	2/37		R7033	IO	13-158-022	13-158-022	2/34		R6133	IO	13-150-022	13-150-022	2/31	
ORPLYOP	IO	04-086-137	04-086-137	1/13		T7100	IO	13-167-002	13-167-002	2/38		T7200	IO	13-159-015	13-159-015	2/35		T6120	IO	13-151-015	13-151-015	2/32	
OSLCTOP	IO	04-086-134	04-086-134	1/13		T7101	IO	13-167-003	13-167-003	2/38		T7021	IO	13-159-016	13-159-016	2/35		T6121	IO	13-151-016	13-151-016	2/32	
						T7102	IO	13-167-004	13-167-004	2/38		T7022	IO	13-159-017	13-159-017	2/35		T6122	IO	13-151-017	13-151-017	2/32	
						T7103	IO	13-167-005	13-167-005	2/38		T7023	IO	13-159-018	13-159-018	2/35		T6123	IO	13-151-018	13-151-018	2/32	
						T7110	IO	13-167-006	13-167-006	2/38		T7030	IO	13-159-019	13-159-019	2/35		T6130	IO	13-151-019	13-151-019	2/32	
						T7111	IO	13-167-007	13-167-007	2/38		T7031	IO	13-159-020	13-159-020	2/35		T6131	IO	13-151-020	13-151-020	2/32	
						T7112	IO	13-167-008	13-167-008	2/38		T7032	IO	13-159-021	13-159-021	2/35		T6132	IO	13-151-021	13-151-021	2/32	
						T7113	IO	13-167-009	13-167-009	2/38		T7033	IO	13-159-022	13-159-022	2/35		T6133	IO	13-151-022	13-151-022	2/32	

ELEMENT IDENTIFIER BM					ELEMENT IDENTIFIER BP						
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ODAINON	IO	04-078-133	04-078-133	1/12		R7120	IO	13-166-015	13-166-015	2/37	
ODAINOP	IO	04-078-033	04-078-033	1/12		R7121	IO	13-166-016	13-166-016	2/37	
ODAUTON	IO	04-078-134	04-078-134	1/12		R7122	IO	13-166-017	13-166-017	2/37	
ODAUTOP	IO	04-078-034	04-078-034	1/12		R7123	IO	13-166-018	13-166-018	2/37	
O4MCKTON	IO	04-078-136	04-078-136	1/12		R7130	IO	13-166-019	13-166-019	2/37	
O4MCKTOP	IO	04-078-036	04-078-036	1/12		R7131	IO	13-166-020	13-166-020	2/37	
OBKSNCON	IO	04-078-135	04-078-135	1/12		R7132	IO	13-166-021	13-166-021	2/37	
OBKSNCP	IO	04-078-035	04-078-035	1/12		R7133	IO	13-166-022	13-166-022	2/37	
						T7120	IO	13-167-015	13-167-015	2/38	
						T7121	IO	13-167-016	13-167-016	2/38	
						T7122	IO	13-167-017	13-167-017	2/38	
						T7123	IO	13-167-018	13-167-018	2/38	
						T7130	IO	13-167-019	13-167-019	2/38	
						T7131	IO	13-167-020	13-167-020	2/38	
						T7132	IO	13-167-021	13-167-021	2/38	
						T7133	IO	13-167-022	13-167-022	2/38	

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 LINE UNIT, MODEL 2  
 INTERNATIONAL  
 DWG SIZE C2 ISSUE 1  
 AT&T BELL LABORATORIES SD-5X205-01 GB6  
 PRINTED IN U.S.A.

CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER

BU

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6000	ID	13-142-002	13-142-002	2/28	
R6001	ID	13-142-003	13-142-003	2/28	
R6002	ID	13-142-004	13-142-004	2/28	
R6003	ID	13-142-005	13-142-005	2/28	
R6010	ID	13-142-006	13-142-006	2/28	
R6011	ID	13-142-007	13-142-007	2/28	
R6012	ID	13-142-008	13-142-008	2/28	
R6013	ID	13-142-009	13-142-009	2/28	
T6000	ID	13-143-002	13-143-002	2/29	
T6001	ID	13-143-003	13-143-003	2/29	
T6002	ID	13-143-004	13-143-004	2/29	
T6003	ID	13-143-005	13-143-005	2/29	
T6010	ID	13-143-006	13-143-006	2/29	
T6011	ID	13-143-007	13-143-007	2/29	
T6012	ID	13-143-008	13-143-008	2/29	
T6013	ID	13-143-009	13-143-009	2/29	

ELEMENT IDENTIFIER

BW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5100	ID	13-134-002	13-134-002	2/25	
R5101	ID	13-134-003	13-134-003	2/25	
R5102	ID	13-134-004	13-134-004	2/25	
R5103	ID	13-134-005	13-134-005	2/25	
R5110	ID	13-134-006	13-134-006	2/25	
R5111	ID	13-134-007	13-134-007	2/25	
R5112	ID	13-134-008	13-134-008	2/25	
R5113	ID	13-134-009	13-134-009	2/25	
T5100	ID	13-135-002	13-135-002	2/26	
T5101	ID	13-135-003	13-135-003	2/26	
T5102	ID	13-135-004	13-135-004	2/26	
T5103	ID	13-135-005	13-135-005	2/26	
T5110	ID	13-135-006	13-135-006	2/26	
T5111	ID	13-135-007	13-135-007	2/26	
T5112	ID	13-135-008	13-135-008	2/26	
T5113	ID	13-135-009	13-135-009	2/26	

ELEMENT IDENTIFIER

BY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5000	ID	13-126-002	13-126-002	2/22	
R5001	ID	13-126-003	13-126-003	2/22	
R5002	ID	13-126-004	13-126-004	2/22	
R5003	ID	13-126-005	13-126-005	2/22	
R5010	ID	13-126-006	13-126-006	2/22	
R5011	ID	13-126-007	13-126-007	2/22	
R5012	ID	13-126-008	13-126-008	2/22	
R5013	ID	13-126-009	13-126-009	2/22	
T5000	ID	13-127-002	13-127-002	2/23	
T5001	ID	13-127-003	13-127-003	2/23	
T5002	ID	13-127-004	13-127-004	2/23	
T5003	ID	13-127-005	13-127-005	2/23	
T5010	ID	13-127-006	13-127-006	2/23	
T5011	ID	13-127-007	13-127-007	2/23	
T5012	ID	13-127-008	13-127-008	2/23	
T5013	ID	13-127-009	13-127-009	2/23	

ELEMENT IDENTIFIER

CA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4100	ID	13-118-002	13-118-002	2/19	
R4101	ID	13-118-003	13-118-003	2/19	
R4102	ID	13-118-004	13-118-004	2/19	
R4103	ID	13-118-005	13-118-005	2/19	
R4110	ID	13-118-006	13-118-006	2/19	
R4111	ID	13-118-007	13-118-007	2/19	
R4112	ID	13-118-008	13-118-008	2/19	
R4113	ID	13-118-009	13-118-009	2/19	
T4100	ID	13-119-002	13-119-002	2/20	
T4101	ID	13-119-003	13-119-003	2/20	
T4102	ID	13-119-004	13-119-004	2/20	
T4103	ID	13-119-005	13-119-005	2/20	
T4110	ID	13-119-006	13-119-006	2/20	
T4111	ID	13-119-007	13-119-007	2/20	
T4112	ID	13-119-008	13-119-008	2/20	
T4113	ID	13-119-009	13-119-009	2/20	

ELEMENT IDENTIFIER

BV

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6020	ID	13-142-015	13-142-015	2/28	
R6021	ID	13-142-016	13-142-016	2/28	
R6022	ID	13-142-017	13-142-017	2/28	
R6023	ID	13-142-018	13-142-018	2/28	
R6030	ID	13-142-019	13-142-019	2/28	
R6031	ID	13-142-020	13-142-020	2/28	
R6032	ID	13-142-021	13-142-021	2/28	
R6033	ID	13-142-022	13-142-022	2/28	
T6020	ID	13-143-015	13-143-015	2/29	
T6021	ID	13-143-016	13-143-016	2/29	
T6022	ID	13-143-017	13-143-017	2/29	
T6023	ID	13-143-018	13-143-018	2/29	
T6030	ID	13-143-019	13-143-019	2/29	
T6031	ID	13-143-020	13-143-020	2/29	
T6032	ID	13-143-021	13-143-021	2/29	
T6033	ID	13-143-022	13-143-022	2/29	

ELEMENT IDENTIFIER

BX

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5120	ID	13-134-015	13-134-015	2/25	
R5121	ID	13-134-016	13-134-016	2/25	
R5122	ID	13-134-017	13-134-017	2/25	
R5123	ID	13-134-018	13-134-018	2/25	
R5130	ID	13-134-019	13-134-019	2/25	
R5131	ID	13-134-020	13-134-020	2/25	
R5132	ID	13-134-021	13-134-021	2/25	
R5133	ID	13-134-022	13-134-022	2/25	
T5120	ID	13-135-015	13-135-015	2/26	
T5121	ID	13-135-016	13-135-016	2/26	
T5122	ID	13-135-017	13-135-017	2/26	
T5123	ID	13-135-018	13-135-018	2/26	
T5130	ID	13-135-019	13-135-019	2/26	
T5131	ID	13-135-020	13-135-020	2/26	
T5132	ID	13-135-021	13-135-021	2/26	
T5133	ID	13-135-022	13-135-022	2/26	

ELEMENT IDENTIFIER

BZ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R5020	ID	13-126-015	13-126-015	2/22	
R5021	ID	13-126-016	13-126-016	2/22	
R5022	ID	13-126-017	13-126-017	2/22	
R5023	ID	13-126-018	13-126-018	2/22	
R5030	ID	13-126-019	13-126-019	2/22	
R5031	ID	13-126-020	13-126-020	2/22	
R5032	ID	13-126-021	13-126-021	2/22	
R5033	ID	13-126-022	13-126-022	2/22	
T5020	ID	13-127-015	13-127-015	2/23	
T5021	ID	13-127-016	13-127-016	2/23	
T5022	ID	13-127-017	13-127-017	2/23	
T5023	ID	13-127-018	13-127-018	2/23	
T5030	ID	13-127-019	13-127-019	2/23	
T5031	ID	13-127-020	13-127-020	2/23	
T5032	ID	13-127-021	13-127-021	2/23	
T5033	ID	13-127-022	13-127-022	2/23	

ELEMENT IDENTIFIER

CB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4120	ID	13-118-015	13-118-015	2/19	
R4121	ID	13-118-016	13-118-016	2/19	
R4122	ID	13-118-017	13-118-017	2/19	
R4123	ID	13-118-018	13-118-018	2/19	
R4130	ID	13-118-019	13-118-019	2/19	
R4131	ID	13-118-020	13-118-020	2/19	
R4132	ID	13-118-021	13-118-021	2/19	
R4133	ID	13-118-022	13-118-022	2/19	
T4120	ID	13-119-015	13-119-015	2/20	
T4121	ID	13-119-016	13-119-016	2/20	
T4122	ID	13-119-017	13-119-017	2/20	
T4123	ID	13-119-018	13-119-018	2/20	
T4130	ID	13-119-019	13-119-019	2/20	
T4131	ID	13-119-020	13-119-020	2/20	
T4132	ID	13-119-021	13-119-021	2/20	
T4133	ID	13-119-022	13-119-022	2/20	

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LINE UNIT, MODEL 2  
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DMG SIZE  
C2

ISSUE  
1

AT&T  
BELL LABORATORIES

SD-5X205-01

GB7

PRINTED IN U.S.A.

CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER CC						ELEMENT IDENTIFIER CE						ELEMENT IDENTIFIER CK						ELEMENT IDENTIFIER CM					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4000	IO	13-110-002	13-110-002	2/16		1MTBR	IO	13-096-324	13-096-324	2/14		R7040	IO	13-158-034	13-158-034	2/34		R6140	IO	13-150-034	13-150-034	2/31	
R4001	IO	13-110-003	13-110-003	2/16		1MTBT	IO	13-096-224	13-096-224	2/14		R7041	IO	13-158-035	13-158-035	2/34		R6141	IO	13-150-035	13-150-035	2/31	
R4002	IO	13-110-004	13-110-004	2/16								R7042	IO	13-158-036	13-158-036	2/34		R6142	IO	13-150-036	13-150-036	2/31	
R4003	IO	13-110-005	13-110-005	2/16								R7043	IO	13-158-037	13-158-037	2/34		R6143	IO	13-150-037	13-150-037	2/31	
R4010	IO	13-110-006	13-110-006	2/16								R7050	IO	13-158-038	13-158-038	2/34		R6150	IO	13-150-038	13-150-038	2/31	
R4011	IO	13-110-007	13-110-007	2/16								R7051	IO	13-158-039	13-158-039	2/34		R6151	IO	13-150-039	13-150-039	2/31	
R4012	IO	13-110-008	13-110-008	2/16								R7052	IO	13-158-040	13-158-040	2/34		R6152	IO	13-150-040	13-150-040	2/31	
R4013	IO	13-110-009	13-110-009	2/16								R7053	IO	13-158-041	13-158-041	2/34		R6153	IO	13-150-041	13-150-041	2/31	
T4000	IO	13-111-002	13-111-002	2/17								T7040	IO	13-159-034	13-159-034	2/35		T6140	IO	13-151-034	13-151-034	2/32	
T4001	IO	13-111-003	13-111-003	2/17								T7041	IO	13-159-035	13-159-035	2/35		T6141	IO	13-151-035	13-151-035	2/32	
T4002	IO	13-111-004	13-111-004	2/17								T7042	IO	13-159-036	13-159-036	2/35		T6142	IO	13-151-036	13-151-036	2/32	
T4003	IO	13-111-005	13-111-005	2/17								T7043	IO	13-159-037	13-159-037	2/35		T6143	IO	13-151-037	13-151-037	2/32	
T4010	IO	13-111-006	13-111-006	2/17								T7050	IO	13-159-038	13-159-038	2/35		T6150	IO	13-151-038	13-151-038	2/32	
T4011	IO	13-111-007	13-111-007	2/17								T7051	IO	13-159-039	13-159-039	2/35		T6151	IO	13-151-039	13-151-039	2/32	
T4012	IO	13-111-008	13-111-008	2/17								T7052	IO	13-159-040	13-159-040	2/35		T6152	IO	13-151-040	13-151-040	2/32	
T4013	IO	13-111-009	13-111-009	2/17								T7053	IO	13-159-041	13-159-041	2/35		T6153	IO	13-151-041	13-151-041	2/32	
ELEMENT IDENTIFIER CD						ELEMENT IDENTIFIER CI						ELEMENT IDENTIFIER CL						ELEMENT IDENTIFIER CN					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4020	IO	13-110-015	13-110-015	2/16		R7140	IO	13-166-034	13-166-034	2/37		R7060	IO	13-158-047	13-158-047	2/34		R6160	IO	13-150-047	13-150-047	2/31	
R4021	IO	13-110-016	13-110-016	2/16		R7141	IO	13-166-035	13-166-035	2/37		R7061	IO	13-158-048	13-158-048	2/34		R6161	IO	13-150-048	13-150-048	2/31	
R4022	IO	13-110-017	13-110-017	2/16		R7142	IO	13-166-036	13-166-036	2/37		R7062	IO	13-158-049	13-158-049	2/34		R6162	IO	13-150-049	13-150-049	2/31	
R4023	IO	13-110-018	13-110-018	2/16		R7143	IO	13-166-037	13-166-037	2/37		R7063	IO	13-158-050	13-158-050	2/34		R6163	IO	13-150-050	13-150-050	2/31	
R4030	IO	13-110-019	13-110-019	2/16		R7150	IO	13-166-040	13-166-040	2/37		R7070	IO	13-158-051	13-158-051	2/34		R6170	IO	13-150-051	13-150-051	2/31	
R4031	IO	13-110-020	13-110-020	2/16		R7151	IO	13-166-041	13-166-041	2/37		R7071	IO	13-158-052	13-158-052	2/34		R6171	IO	13-150-052	13-150-052	2/31	
R4032	IO	13-110-021	13-110-021	2/16		R7152	IO	13-166-042	13-166-042	2/37		R7072	IO	13-158-053	13-158-053	2/34		R6172	IO	13-150-053	13-150-053	2/31	
R4033	IO	13-110-022	13-110-022	2/16		R7153	IO	13-166-043	13-166-043	2/37		R7073	IO	13-158-054	13-158-054	2/34		R6173	IO	13-150-054	13-150-054	2/31	
T4020	IO	13-111-015	13-111-015	2/17								T7060	IO	13-159-047	13-159-047	2/35		T6160	IO	13-151-047	13-151-047	2/32	
T4021	IO	13-111-016	13-111-016	2/17								T7061	IO	13-159-048	13-159-048	2/35		T6161	IO	13-151-048	13-151-048	2/32	
T4022	IO	13-111-017	13-111-017	2/17								T7062	IO	13-159-049	13-159-049	2/35		T6162	IO	13-151-049	13-151-049	2/32	
T4023	IO	13-111-018	13-111-018	2/17								T7063	IO	13-159-050	13-159-050	2/35		T6163	IO	13-151-050	13-151-050	2/32	
T4030	IO	13-111-019	13-111-019	2/17								T7070	IO	13-159-051	13-159-051	2/35		T6170	IO	13-151-051	13-151-051	2/32	
T4031	IO	13-111-020	13-111-020	2/17								T7071	IO	13-159-052	13-159-052	2/35		T6171	IO	13-151-052	13-151-052	2/32	
T4032	IO	13-111-021	13-111-021	2/17								T7072	IO	13-159-053	13-159-053	2/35		T6172	IO	13-151-053	13-151-053	2/32	
T4033	IO	13-111-022	13-111-022	2/17								T7073	IO	13-159-054	13-159-054	2/35		T6173	IO	13-151-054	13-151-054	2/32	
ELEMENT IDENTIFIER CJ						ELEMENT IDENTIFIER CK						ELEMENT IDENTIFIER CL						ELEMENT IDENTIFIER CN					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R7160	IO	13-166-047	13-166-047	2/37		R7160	IO	13-166-050	13-166-050	2/37		R7060	IO	13-158-047	13-158-047	2/34		R6160	IO	13-150-047	13-150-047	2/31	
R7161	IO	13-166-048	13-166-048	2/37		R7170	IO	13-166-051	13-166-051	2/37		R7061	IO	13-158-048	13-158-048	2/34		R6161	IO	13-150-048	13-150-048	2/31	
R7162	IO	13-166-049	13-166-049	2/37		R7171	IO	13-166-052	13-166-052	2/37		R7062	IO	13-158-049	13-158-049	2/34		R6162	IO	13-150-049	13-150-049	2/31	
R7163	IO	13-166-050	13-166-050	2/37		R7172	IO	13-166-053	13-166-053	2/37		R7063	IO	13-158-050	13-158-050	2/34		R6163	IO	13-150-050	13-150-050	2/31	
R7170	IO	13-166-051	13-166-051	2/37		R7173	IO	13-166-054	13-166-054	2/37		R7070	IO	13-158-051	13-158-051	2/34		R6170	IO	13-150-051	13-150-051	2/31	
R7171	IO	13-166-052	13-166-052	2/37		T7160	IO	13-167-047	13-167-047	2/38		R7071	IO	13-158-052	13-158-052	2/34		R6171	IO	13-150-052	13-150-052	2/31	
R7172	IO	13-166-053	13-166-053	2/37		T7161	IO	13-167-048	13-167-048	2/38		R7072	IO	13-158-053	13-158-053	2/34		R6172	IO	13-150-053	13-150-053	2/31	
R7173	IO	13-166-054	13-166-054	2/37		T7162	IO	13-167-049	13-167-049	2/38		R7073	IO	13-158-054	13-158-054	2/34		R6173	IO	13-150-054	13-150-054	2/31	
T7160	IO	13-167-047	13-167-047	2/38		T7163	IO	13-167-050	13-167-050	2/38		T7060	IO	13-159-047	13-159-047	2/35		T6160	IO	13-151-047	13-151-047	2/32	
T7161	IO	13-167-048	13-167-048	2/38		T7170	IO	13-167-051	13-167-051	2/38		T7061	IO	13-159-048	13-159-048	2/35		T6161	IO	13-151-048	13-151-048	2/32	
T7162	IO	13-167-049	13-167-049	2/38		T7171	IO	13-167-052	13-167-052	2/38		T7062	IO	13-159-049	13-159-049	2/35		T6162	IO	13-151-049	13-151-049	2/32	
T7163	IO	13-167-050	13-167-050	2/38		T7172	IO	13-167-053	13-167-053	2/38		T7063	IO	13-159-050	13-159-050	2/35		T6163	IO	13-151-050	13-151-050	2/32	
T7170	IO	13-167-051	13-167-051	2/38		T7173	IO	13-167-054	13-167-054	2/38		T7070	IO	13-159-051	13-159-051	2/35		T6170	IO	13-151-051	13-151-051	2/32	
T7171	IO	13-167-052	13-167-052	2/38								T7071	IO	13-159-052	13-159-052	2/35		T6171	IO	13-151-052	13-151-052	2/32	
T7172	IO	13-167-053	13-167-053	2/38								T7072	IO	13-159-053	13-159-053	2/35		T6172	IO	13-151-053	13-151-053	2/32	
T7173	IO	13-167-054	13-167-054	2/38								T7073	IO	13-159-054	13-159-054	2/35		T6173	IO	13-151-054	13-151-054	2/32	

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE: C2      ISSUE: 1

AT&T BELL LABORATORIES      SD-5X205-01      GB8

CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER CO						ELEMENT IDENTIFIER EQ						ELEMENT IDENTIFIER CS						ELEMENT IDENTIFIER CU					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6040	IO	13-142-034	13-142-034	2/28		R5140	IO	13-134-034	13-134-034	2/25		R5040	IO	13-126-034	13-126-034	2/22		R4140	IO	13-118-034	13-118-034	2/19	
R6041	IO	13-142-035	13-142-035	2/28		R5141	IO	13-134-035	13-134-035	2/25		R5041	IO	13-126-035	13-126-035	2/22		R4141	IO	13-118-035	13-118-035	2/19	
R6042	IO	13-142-036	13-142-036	2/28		R5142	IO	13-134-036	13-134-036	2/25		R5042	IO	13-126-036	13-126-036	2/22		R4142	IO	13-118-036	13-118-036	2/19	
R6043	IO	13-142-037	13-142-037	2/28		R5143	IO	13-134-037	13-134-037	2/25		R5043	IO	13-126-037	13-126-037	2/22		R4143	IO	13-118-037	13-118-037	2/19	
R6050	IO	13-142-038	13-142-038	2/28		R5150	IO	13-134-038	13-134-038	2/25		R5050	IO	13-126-038	13-126-038	2/22		R4150	IO	13-118-038	13-118-038	2/19	
R6051	IO	13-142-039	13-142-039	2/28		R5151	IO	13-134-039	13-134-039	2/25		R5051	IO	13-126-039	13-126-039	2/22		R4151	IO	13-118-039	13-118-039	2/19	
R6052	IO	13-142-040	13-142-040	2/28		R5152	IO	13-134-040	13-134-040	2/25		R5052	IO	13-126-040	13-126-040	2/22		R4152	IO	13-118-040	13-118-040	2/19	
R6053	IO	13-142-041	13-142-041	2/28		R5153	IO	13-134-041	13-134-041	2/25		R5053	IO	13-126-041	13-126-041	2/22		R4153	IO	13-118-041	13-118-041	2/19	
T6040	IO	13-143-034	13-143-034	2/29		T5140	IO	13-135-034	13-135-034	2/26		T5040	IO	13-127-034	13-127-034	2/23		T4140	IO	13-119-034	13-119-034	2/20	
T6041	IO	13-143-035	13-143-035	2/29		T5141	IO	13-135-035	13-135-035	2/26		T5041	IO	13-127-035	13-127-035	2/23		T4141	IO	13-119-035	13-119-035	2/20	
T6042	IO	13-143-036	13-143-036	2/29		T5142	IO	13-135-036	13-135-036	2/26		T5042	IO	13-127-036	13-127-036	2/23		T4142	IO	13-119-036	13-119-036	2/20	
T6043	IO	13-143-037	13-143-037	2/29		T5143	IO	13-135-037	13-135-037	2/26		T5043	IO	13-127-037	13-127-037	2/23		T4143	IO	13-119-037	13-119-037	2/20	
T6050	IO	13-143-038	13-143-038	2/29		T5150	IO	13-135-038	13-135-038	2/26		T5050	IO	13-127-038	13-127-038	2/23		T4150	IO	13-119-038	13-119-038	2/20	
T6051	IO	13-143-039	13-143-039	2/29		T5151	IO	13-135-039	13-135-039	2/26		T5051	IO	13-127-039	13-127-039	2/23		T4151	IO	13-119-039	13-119-039	2/20	
T6052	IO	13-143-040	13-143-040	2/29		T5152	IO	13-135-040	13-135-040	2/26		T5052	IO	13-127-040	13-127-040	2/23		T4152	IO	13-119-040	13-119-040	2/20	
T6053	IO	13-143-041	13-143-041	2/29		T5153	IO	13-135-041	13-135-041	2/26		T5053	IO	13-127-041	13-127-041	2/23		T4153	IO	13-119-041	13-119-041	2/20	
ELEMENT IDENTIFIER CP						ELEMENT IDENTIFIER CR						ELEMENT IDENTIFIER CT						ELEMENT IDENTIFIER CV					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R6060	IO	13-142-047	13-142-047	2/28		R5160	IO	13-134-047	13-134-047	2/25		R5060	IO	13-126-047	13-126-047	2/22		R4160	IO	13-118-047	13-118-047	2/19	
R6061	IO	13-142-048	13-142-048	2/28		R5161	IO	13-134-048	13-134-048	2/25		R5061	IO	13-126-048	13-126-048	2/22		R4161	IO	13-118-048	13-118-048	2/19	
R6062	IO	13-142-049	13-142-049	2/28		R5162	IO	13-134-049	13-134-049	2/25		R5062	IO	13-126-049	13-126-049	2/22		R4162	IO	13-118-049	13-118-049	2/19	
R6063	IO	13-142-050	13-142-050	2/28		R5163	IO	13-134-050	13-134-050	2/25		R5063	IO	13-126-050	13-126-050	2/22		R4163	IO	13-118-050	13-118-050	2/19	
R6070	IO	13-142-051	13-142-051	2/28		R5170	IO	13-134-051	13-134-051	2/25		R5070	IO	13-126-051	13-126-051	2/22		R4170	IO	13-118-051	13-118-051	2/19	
R6071	IO	13-142-052	13-142-052	2/28		R5171	IO	13-134-052	13-134-052	2/25		R5071	IO	13-126-052	13-126-052	2/22		R4171	IO	13-118-052	13-118-052	2/19	
R6072	IO	13-142-053	13-142-053	2/28		R5172	IO	13-134-053	13-134-053	2/25		R5072	IO	13-126-053	13-126-053	2/22		R4172	IO	13-118-053	13-118-053	2/19	
R6073	IO	13-142-054	13-142-054	2/28		R5173	IO	13-134-054	13-134-054	2/25		R5073	IO	13-126-054	13-126-054	2/22		R4173	IO	13-118-054	13-118-054	2/19	
T6060	IO	13-143-047	13-143-047	2/29		T5160	IO	13-135-047	13-135-047	2/26		T5060	IO	13-127-047	13-127-047	2/23		T4160	IO	13-119-047	13-119-047	2/20	
T6061	IO	13-143-048	13-143-048	2/29		T5161	IO	13-135-048	13-135-048	2/26		T5061	IO	13-127-048	13-127-048	2/23		T4161	IO	13-119-048	13-119-048	2/20	
T6062	IO	13-143-049	13-143-049	2/29		T5162	IO	13-135-049	13-135-049	2/26		T5062	IO	13-127-049	13-127-049	2/23		T4162	IO	13-119-049	13-119-049	2/20	
T6063	IO	13-143-050	13-143-050	2/29		T5163	IO	13-135-050	13-135-050	2/26		T5063	IO	13-127-050	13-127-050	2/23		T4163	IO	13-119-050	13-119-050	2/20	
T6070	IO	13-143-051	13-143-051	2/29		T5170	IO	13-135-051	13-135-051	2/26		T5070	IO	13-127-051	13-127-051	2/23		T4170	IO	13-119-051	13-119-051	2/20	
T6071	IO	13-143-052	13-143-052	2/29		T5171	IO	13-135-052	13-135-052	2/26		T5071	IO	13-127-052	13-127-052	2/23		T4171	IO	13-119-052	13-119-052	2/20	
T6072	IO	13-143-053	13-143-053	2/29		T5172	IO	13-135-053	13-135-053	2/26		T5072	IO	13-127-053	13-127-053	2/23		T4172	IO	13-119-053	13-119-053	2/20	
T6073	IO	13-143-054	13-143-054	2/29		T5173	IO	13-135-054	13-135-054	2/26		T5073	IO	13-127-054	13-127-054	2/23		T4173	IO	13-119-054	13-119-054	2/20	

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 DWG SIZE C2  
 ISSUE 1  
 AT&T BELL LABORATORIES  
 SD-5X205-01  
 GB9  
 PRINTED IN U.S.A.

CAD 1  
UNIT SYMBOL

ELEMENT IDENTIFIER  
CW

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4040	IO	13-110-034	13-110-034	2/16	
R4041	IO	13-110-035	13-110-035	2/16	
R4042	IO	13-110-036	13-110-036	2/16	
R4043	IO	13-110-037	13-110-037	2/16	
R4050	IO	13-110-038	13-110-038	2/16	
R4051	IO	13-110-039	13-110-039	2/16	
R4052	IO	13-110-040	13-110-040	2/16	
R4053	IO	13-110-041	13-110-041	2/16	
T4040	IO	13-111-034	13-111-034	2/17	
T4041	IO	13-111-035	13-111-035	2/17	
T4042	IO	13-111-036	13-111-036	2/17	
T4043	IO	13-111-037	13-111-037	2/17	
T4050	IO	13-111-038	13-111-038	2/17	
T4051	IO	13-111-039	13-111-039	2/17	
T4052	IO	13-111-040	13-111-040	2/17	
T4053	IO	13-111-041	13-111-041	2/17	

ELEMENT IDENTIFIER  
CX

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
R4060	IO	13-110-047	13-110-047	2/16	
R4061	IO	13-110-048	13-110-048	2/16	
R4062	IO	13-110-049	13-110-049	2/16	
R4063	IO	13-110-050	13-110-050	2/16	
R4070	IO	13-110-051	13-110-051	2/16	
R4071	IO	13-110-052	13-110-052	2/16	
R4072	IO	13-110-053	13-110-053	2/16	
R4073	IO	13-110-054	13-110-054	2/16	
T4060	IO	13-111-047	13-111-047	2/17	
T4061	IO	13-111-048	13-111-048	2/17	
T4062	IO	13-111-049	13-111-049	2/17	
T4063	IO	13-111-050	13-111-050	2/17	
T4070	IO	13-111-051	13-111-051	2/17	
T4071	IO	13-111-052	13-111-052	2/17	
T4072	IO	13-111-053	13-111-053	2/17	
T4073	IO	13-111-054	13-111-054	2/17	

ELEMENT IDENTIFIER  
CY

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13	G	13-086-234	13-086-234	2/13	
1CLK1N	IO	13-086-235	13-086-235	2/13	
1CLK1P	IO	13-086-235	13-086-235	2/13	
1MSG1N	IO	13-086-236	13-086-236	2/13	
1MSG1P	IO	13-086-236	13-086-236	2/13	
1NINT1N	IO	13-086-233	13-086-233	2/13	
1NINT1P	IO	13-086-233	13-086-233	2/13	
1RPLY1N	IO	13-086-237	13-086-237	2/13	
1RPLY1P	IO	13-086-237	13-086-237	2/13	
1SLCT1P	IO	13-086-334	13-086-334	2/13	

ELEMENT IDENTIFIER  
CZ

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13	G	13-086-034	13-086-234	2/13	
1CLKON	IO	13-086-035	13-086-035	2/13	
1CLKOP	IO	13-086-135	13-086-135	2/13	
1MSGON	IO	13-086-036	13-086-036	2/13	
1MSGOP	IO	13-086-136	13-086-136	2/13	
1NINTON	IO	13-086-033	13-086-033	2/13	
1NINTOP	IO	13-086-133	13-086-133	2/13	
1RPLYON	IO	13-086-037	13-086-037	2/13	
1RPLYOP	IO	13-086-137	13-086-137	2/13	
1SLCTOP	IO	13-086-134	13-086-134	2/13	

ELEMENT IDENTIFIER  
DA

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1DAINON	IO	13-078-133	13-078-133	2/12	
1DAINOP	IO	13-078-033	13-078-033	2/12	
1DAOTON	IO	13-078-134	13-078-134	2/12	
1DAOTOP	IO	13-078-034	13-078-034	2/12	
14MCK1ON	IO	13-078-136	13-078-136	2/12	
14MCK1OP	IO	13-078-036	13-078-036	2/12	
18KSNCON	IO	13-078-135	13-078-135	2/12	
18KSNCOF	IO	13-078-035	13-078-035	2/12	

ELEMENT IDENTIFIER  
DB

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1DAIN1N	IO	13-078-138	13-078-138	2/12	
1DAIN1P	IO	13-078-038	13-078-038	2/12	
1DAOT1N	IO	13-078-139	13-078-139	2/12	
1DAOT1P	IO	13-078-039	13-078-039	2/12	
14MCK11N	IO	13-078-141	13-078-141	2/12	
14MCK11P	IO	13-078-041	13-078-041	2/12	
18KSN1N	IO	13-078-140	13-078-140	2/12	
18KSN1P	IO	13-078-040	13-078-040	2/12	

ELEMENT IDENTIFIER  
DC

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48V0	P	01-022-080	01-022-080	1/41	
-48V1	P	01-068-080	01-068-080	1/43	
-48V2	P	01-120-180	01-120-180	1/45	
-48V3	P	01-128-380	01-128-380	1/47	
-48V4	P	01-157-080	01-157-080	1/49	
-48V5	P	01-173-080	01-173-080	1/51	

ELEMENT IDENTIFIER  
DD

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTN	G	01-109-080	01-109-080	1/44	
-48RTN	G	01-165-080	01-109-080	1/44	
-48RTN	G	01-149-080	01-109-080	1/44	
-48RTN	G	01-125-080	01-109-080	1/44	
GRDLUG	G	01-014-080	10-060-080	2/42	
GRDLUG	G	01-060-080	10-060-080	2/42	

ELEMENT IDENTIFIER  
DE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48V0A	P	10-022-080	10-022-080	2/41	
-48V1A	P	10-068-080	10-068-080	2/43	
-48V2A	P	10-120-180	10-120-180	2/47	
-48V3A	P	10-128-380	10-128-380	2/49	
-48V4A	P	10-157-080	10-157-080	2/51	
-48V5A	P	10-173-080	10-173-080	2/53	

ELEMENT IDENTIFIER  
DF

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTNA	G	10-149-080	10-109-080	2/46	
-48RTNA	G	10-165-080	10-109-080	2/46	
-48RTNA	G	10-109-080	10-109-080	2/46	
-48RTNA	G	10-125-080	10-109-080	2/46	
GRDLUG	G	10-014-080	10-060-080	2/42	
GRDLUG	G	10-060-080	10-060-080	2/42	

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LINE UNIT, MODEL 2  
INTERNATIONAL

DWG SIZE  
CZ

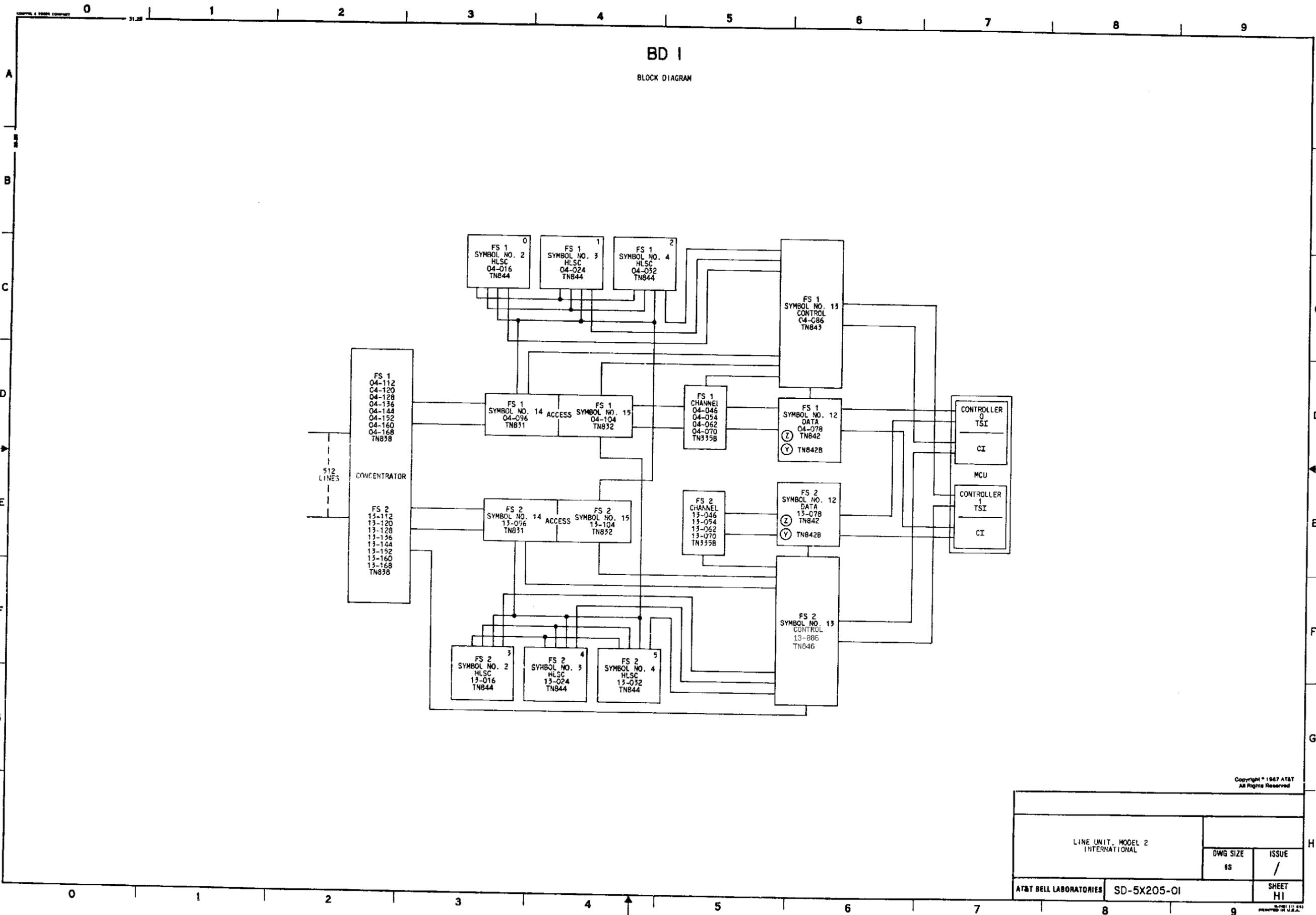
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