

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T PRACTICES-NONE.
- 52. THIS DRAWING CONTAINS NO ENGINEERING INFORMATION. ALL ORDERING INFORMATIONS ARE SHOWN ON ED-5D586-10. THIS DRAWING IS FOR A SHOP ASSIST ONLY.

53.

GROUP	INDEX
GROUP	SH NO.
1	C1
2	C2
3	C2
4	C2
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9A	C1
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ISSUE NOTES (CONTINUED)

(H09011) DUPLICATE SL ITEMS 1471, 1472, 1473, 1478 & 1479 REMOVED. SL ITEMS 1085, 1285 & 1350 LINED OUT & REPLACED WITH SL ITEMS 1086 & 1286.
 SHTS C1 & C2 TITLE BOX READ "AT&T". SL ITEMS 1120, 1300, 1390, 1474 & 1475 COMCODE WAS 996316717.

ORIG ISS: 11/06/85 CHANGE CLASS: MF
 DRAFT: REW ENGR: JTC SUPV: CERTIFIED: 02/25/00 ISSUE: 10

ISSUE NOTES

ORIG ISS: 11/06/85 CHANGE CLASS:
 DRAFT: DJP ENGR: RW SUPV: RFM CERTIFIED: 11/06/85 ISSUE: 1

GROUP 5 REMOVED. GROUP 6 ADDED. GROUPS 1-4 REVISED. SL ITEM 1040 CHG'D. ITEMS 1020,1050,1060,1160,1170,1180,1190 RMV'D. ITEMS 1260, 1270,1280,1290 GROUP INFO CHG'D. ITEMS 1080,1280 LINED-OUT AND REPLACED WITH 1085 AND 1285.

ORIG ISS: 11/06/85 CHANGE CLASS: AD
 DRAFT: DSL ENGR: RW SUPV: CERTIFIED: 02/06/86 ISSUE: 2

SHT C1 GROUP 6 O/BK WIRE ADDED. SHT C2 "B" DIM. FOR GROUPS 2 AND 4 CHG'D. SHT D1 SL ITEMS 1030 AND 1040 LINED OUT AND REPLACED WITH SL ITEM 1045. GROUPS 5 AND 7 ADDED.

ORIG ISS: 11/06/85 CHANGE CLASS: B
 DRAFT: DSL ENGR: RW SUPV: CERTIFIED: 02/06/86 ISSUE: 3

SL ITEMS 1070,1110,1210 & 1290 CHG'D. SL ITEM 1270 ADDED. NOTE 4 CHG'D. SHT C2 GROUP 2 DIM FOR CABLE A & B CHG'D.

ORIG ISS: 11/06/85 CHANGE CLASS: B
 DRAFT: DSL ENGR: RW SUPV: CERTIFIED: 02/18/87 ISSUE: 4

NOTE 6 CHANGED . S.L. ITEM 1287 ADDED. GROUPS 8 TO 11 ADDED. THIS ISSUE ALSO INCLUDES OCW POINT ISSUES 4.1 & 4.2.

ORIG ISS: 11/06/85 CHANGE CLASS: B
 DRAFT: REW ENGR: FK SUPV: FK CERTIFIED: 02/01/88 ISSUE: 5

GROUP 7 RATED 'DA'. NOTE 8 ADDED. SL ITEMS 1240,1340,1370 & 1450 COMCODE CHANGED. SL ITEMS 1310,1420 DESCRIPTION CHANGED. SL ITEM 1430 QTY PER GROUP CHANGED.

ORIG ISS: 11/06/85 CHANGE CLASS: A
 DRAFT: DSL ENGR: REW SUPV: CERTIFIED: 09/19/88 ISSUE: 6

GROUP 9 CHANGED TO A GROUP 9A PER CN81101NW.

ORIG ISS: 11/06/85 CHANGE CLASS: A
 DRAFT: DSL ENGR: REW SUPV: CERTIFIED: 09/19/88 ISSUE: 7

IN STOCKLIST, ADDED ITEM 1296 PER OKC P.I. 7.4.

ORIG ISS: 11/06/85 CHANGE CLASS: MF
 DRAFT: JVB ENGR: JVB SUPV: P_K CERTIFIED: 03/06/95 ISSUE: 8

INCORPORATED OKC PI 8.1.

ORIG ISS: 11/06/85 CHANGE CLASS: MF
 DRAFT: JVB ENGR: JVB SUPV: CERTIFIED: 05/24/95 ISSUE: 9

SHEET INDEX

SHT NBR	A1 THRU A2		ISSUE 10																	
SHT NBR	D1 THRU D2		ISSUE 10																	
SHT NBR	C1	C2																		
ISSUE	10	10																		
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LUCENT TECHNOLOGIES - PROPRIETARY
 USE PURSUANT TO COMPANY INSTRUCTIONS

XT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR ALARM & STATUS UNIT	
DWG SIZE C2	ISSUE 10
LUCENT TECHNOLOGIES INC	ED5D586-12
SHEET OF	A1 6

TABLE A-FEATURES

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G1,G3 (SC & SD CABLE).			1								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G1,G3 (ABS,ABS RTN).			2								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G1,G2,G3,G4 (CIK CABLE).			3								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G2,G4 (ABS,ABS RTN CABLE).			4								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G5 (ABS,ABS RTN CABLE).			5								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G1,G3,G5 (SC & SD CABLE).			6								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G5 (SC & SD CABLE).		DA	7								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10,G7 (ABS CABLE -272A).			8								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10, G6,G7 (CIK CABLE)			9A								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED5D586-10, G6 (ABS-272A/ABS,ABS RTN-215A CABLE).			10								
CONNECTORIZED SWBD CABLE ASSEMBLY REQUIRED FOR AN ALARM STATUS PANEL ED-5D586-10 G1,G2,G3,G4 WHICH IS ON AN ORM OR TRM EQUIPPED WITH MCTU (J5D003EG) OR THE SMPU2 (J5D003AY) FOR 5E5 OR LATER.			11								
END OF TABLE-A											

SEE PROPRIETARY NOTICE ON SHEET ONE

XT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
ALARM & STATUS UNIT

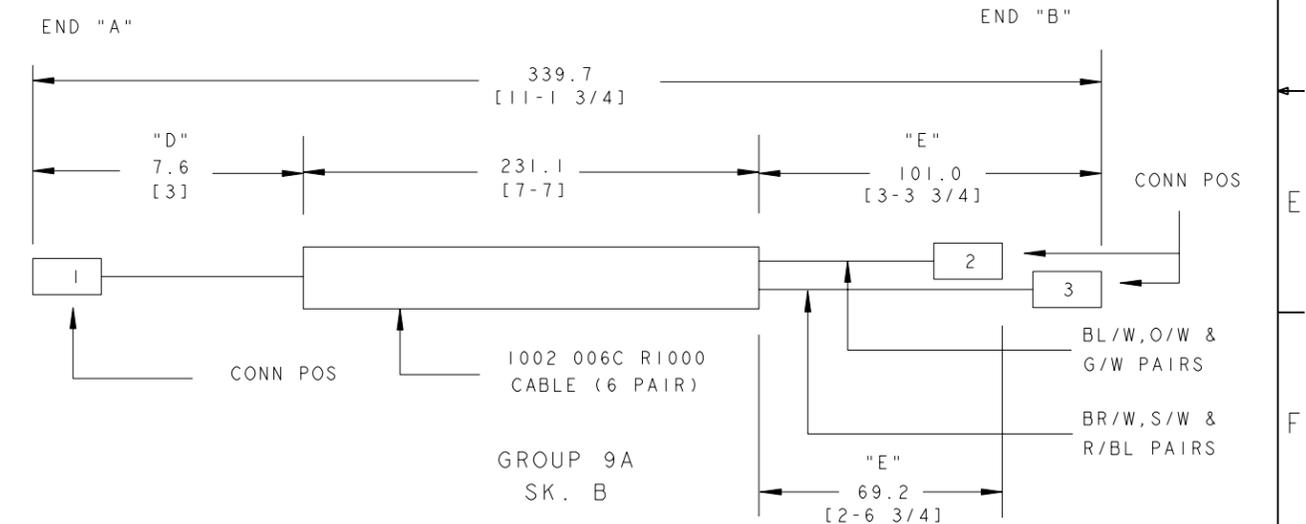
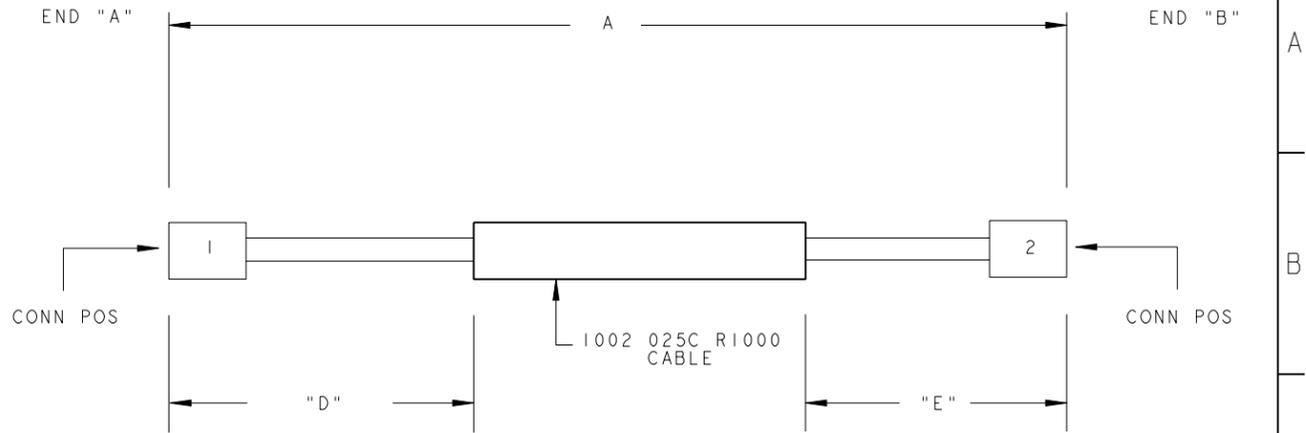
DWG SIZE C2 ISSUE 10

ED5D586-12

LUCENT TECHNOLOGIES INC ED5D586-12

SHEET A2 OF 6

TABLE S										
GROUP	CABLE CODE	CABLE DESIG	"A" DIM	REMOVE CABLE SHEATH				SK	NOTE	
				COLOR	"D" DIM		"E" DIM			
					CM	FT-IN	CM			FT-IN
1,7	1002 025C R1000		144.1 [4-8 3/4]	BL/W, O/W	15.2 [0-6]	14.6 [0-5 3/4]	A	5		
			143.5 [4-8 1/2]	G/W, BR/W	14.6 [0-5 3/4]	ALL COLORS				
			142.9 [4-8 1/4]	S/W, BL/R	14.0 [0-5 1/2]					
			142.2 [4-8]	O/R, G/R	13.3 [0-5 1/4]					
			141.6 [4-7 3/4]	BR/R, S/R	12.7 [0-5]					
			141.0 [4-7 1/2]	BL/Y, Y/O	12.1 [0-4 3/4]					
			140.3 [4-7 1/4]	G/Y	11.4 [0-4 1/2]					
			139.7 [4-7]	BR/Y	10.8 [0-4 1/4]					
			139.1 [4-6 3/4]	S/Y, BL/V	10.2 [0-4]					
			138.4 [4-6 1/2]	O/V, G/V	9.5 [0-3 3/4]					
			137.8 [4-6 1/4]	BR/V, S/V	8.9 [0-3 1/2]					
6	1002 025C R1000		121.3 [3-11 3/4]	BL/W, O/W	15.2 [0-6]	14.6 [0-5 3/4]	A	5		
			120.7 [3-11 1/2]	G/W, BR/W	14.6 [0-5 3/4]	ALL COLORS				
			120.0 [3-11 1/4]	S/W, BL/R	14.0 [0-5 1/2]					
			119.4 [3-11]	O/R, G/R	13.3 [0-5 1/4]					
			118.7 [3-10 3/4]	BR/R, S/R	12.7 [0-5]					
			118.1 [3-10 1/2]	BL/Y, O/Y	12.1 [0-4 3/4]					
			117.5 [3-10 1/4]	G/Y, BR/Y	11.4 [0-4 1/2]					
			116.8 [3-10]	S/Y, BL/V	10.8 [0-4 1/4]					
			116.2 [3-9 3/4]	O/V, G/V	10.2 [0-4]					
			115.6 [3-9 1/2]	BR/V	9.5 [0-3 3/4]					
			114.9 [3-9 1/4]	O/BK, S/V, BL/BK	8.9 [0-3 1/2]					
114.3 [3-9]	G/BK, BR/BK	8.3 [0-3 1/4]								
113.7 [3-8 3/4]	S/BK	7.6 [0-3]								
9A	1002 025C R1000		340.0 [11-1 3/4]	BL/W, O/W, G/W	5.1 [0-2]	73.7 [2-5]	B	5		
				BR/W, S/W, R/BL	ALL COLORS	96.5 [3-2]				



TITLE					5ESS SWITCHING EQUIPMENT CABLE ASSEMBLIES				
THIRD ANGLE PROJECTION					LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS				
Lucent Technologies Inc.		ED5D586-12			SHEET	ISSUE	DWG SIZE		
					C1	10	C2/AIR		

ED5D586-12

1 2 3 4 5 6 7 8 9 10

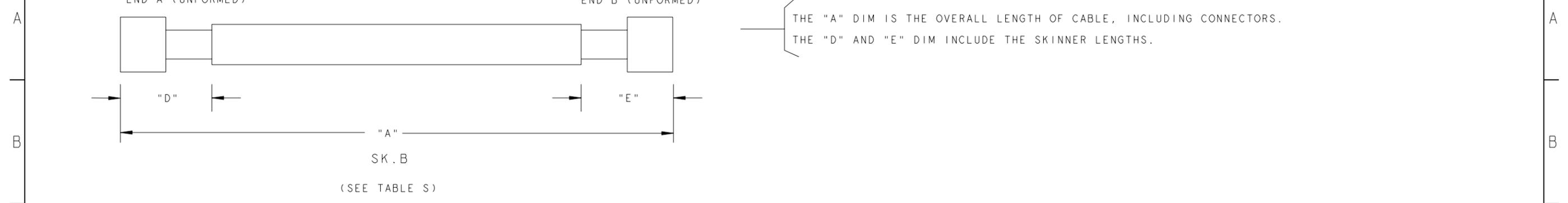


TABLE S								
GROUP	CABLE CODE	CABLE	"A" DIM	REMOVE CABLE SHEATH		NOTE		
				END A	END B			
				"D" DIM	"E" DIM			
2	KS-19195,LI	A	127.0 [4-2]	-	-	6		
		B	142.2 [4-8]	-	-	6		
3	1002 006C RI000		307.3 [10-1]	7.6 [3]	15.2 [6]			
4	KS-19195,LI		119.4 [3-11]	-	-			
5	KS-19195,LI		134.6 [4-5]	-	-			
8	KS-19195,LI		119.4 [3-11]	-	-			
10	KS-19195,LI	A	127.0 [4-2]	-	-	7		
		B	142.2 [4-8]	-	-	7		
11	1002 006C RI000		309.2 [10-1 3/4]	7.6 [3]	17.1 [6 3/4]			

ED5D586-12

TITLE					CABLE ASSEMBLY				
THIRD ANGLE PROJECTION					LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS				
Lucent Technologies Inc.		ED5D586-12			SHEET	ISSUE	DWG SIZE		
					C2	10	C2/AIR		

1 2 3 4 5 6 7 8 9 10

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1010	1,6,7	1	403961881		CONNECTOR #65351-009 MINILATCH HOUSING 56 PINS BERG ELECTRONICS CO.				
1045	1,6,7	1	405069592		CONNECTOR, PLUG #97-12500-90 E/W HOOD SUPERIBBON CINCH 50 PIN CINCH CORP.				
1070	1,6,7	56	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO. /OR EQUIV.			4	8
1085	1,6,7	1	405005927		CABLE #ZU5040-U5U XY RESOURCES INC				
1086	1,6,7	1	105410278	1002025C	CABLE, ELECTRONIC				
1090	1	A/R	400853586	KS19195L1	WIRE 26GA G				
1100	2	2	402739536		CONNECTOR #65351-033 MINILATCH HOUSING 8 PINS BERG ELECTRONICS CO.				
1110	2	4	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			4	8
1120	2	2	996346524	KS19195L1	WIRE 22GA STRANDED 1 CONDUCTOR RED A DIMENSION = 5 FEET 0 INCH				
1130	2	2	400960555	KS19195L1	WIRE 22GA STRANDED BK A DIMENSION = 5 FEET 0 INCH				
1140	2	2	403546252		TERMINAL, FASTON #61944-2 AMP INC. /OR EQUIV.				9
1150	2	2	402634521		TERMINAL, FASTON #61765-2 AMP INC. /OR EQUIV.				
1200	4,5	1	402739536		CONNECTOR #65351-033 MINILATCH HOUSING 8 PINS BERG ELECTRONICS CO.				
1210	4,5	2	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			4	8
1240	4,5	2	403746043		LUG, TERMINAL #61988-2 .250 X .032 AMP INC. /OR EQUIV. DOUBLE				
1250	4,5	2	402634521		TERMINAL, FASTON #61765-2 AMP INC. /OR EQUIV.				9
1270	3	2	104052949	982JL	CONNECTOR				
1285	3,11	1	405005919		CABLE #ZU5040-U10 XY RESOURCES INC				
1286	3,9A,11	1	105410575	1002006C	CABLE UL LISTED TYPE CM UL STYLE#2576 24 GA				
1287	3,11	1	402464150		CONNECTOR #65351-030 MINILATCH HOUSING 14 PINS BERG ELECTRONICS				
1290	3,11	10	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO. /OR EQUIV.			4	8
1295	11	2	103125373	982AE	CONNECTOR, ELECTRICAL				
1296	3,11	2	842923773		RELIEF, STRAIN				
1300	8	1	996346524	KS19195L1	WIRE 22GA STRANDED 1 CONDUCTOR RED A DIMENSION = 4 FEET 0 INCH				

STOCKLIST CONTINUED ON SHEET D2

ED5D586-12

S H O P T	MANUFACTURING NOTES	
	X	1.
X	2.	UNLESS OTHERWISE SPECIFIED, THE SHINER LENGTH IS TO BE DETERMINED BY THE INDIVIDUAL MANUFACTURING LOCATIONS AND IS IN ADDITION TO THE SPECIFIED DIMENSIONS.
X	3.	'A/R'=AS REQUIRED.
X	4.	THE #47565-000 BERG CONTACT IS ON A SPOOL FOR MACHINE APPLICATION. THE LOOSE PIECE EQUIVALENT TERMINAL IS #47745-000 (403094386) TO BE USED WITH A HT95 OR HT208 HAND TOOL.
X	5.	CABLE SHEATH SHOULD BE REMOVED AND INDIVIDUAL PAIRED WIRES SKINNED AS INDICATED.
X	6.	THIS GROUP CONSISTS OF 2 CABLES. CABLE "A" HAS 2 WIRES, A RED AND A BLACK WIRE CUT TO 48". CABLE "B" HAS 2 WIRES, A RED AND A BLACK WIRE CUT TO 54".
X	7.	THIS GROUP CONSISTS OF 2 CABLES. CABLE "A" HAS 1 WIRE, A RED WIRE CUT TO 48" AND CABLE "B" HAS 2 WIRES, A RED AND A BLACK WIRE CUT TO 54".
X	8.	FIELD APPLICATION REQUIRES THAT THIS CONTACT BE ORDERED AS 'LOOSE PIECE' #47745 (403094386) MINI PV 40. BERG ELECTRONICS CO.
X	9.	SHIP TO USING OR UNIT SHOP SEPARATELY.

SEE PROPRIETARY NOTICE ON SHEET ONE

XT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR ALARM & STATUS UNIT	
DWG SIZE C2	ISSUE 10
LUCENT TECHNOLOGIES INC	ED5D586-12
SHEET OF	D1 6

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1310	8	1	403746043		LUG, TERMINAL #61988-2 .250 X .032 AMP INC.			
1320	8	1	402634521		TERMINAL, FASTON #61765-2 AMP INC.			
1330	8	1	405570474		CONNECTOR, MINI-LATCH HOUSING #78211-003 3 PINS BERG ELECTRONICS CO.			
1340	8	1	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			8 4
1350	9A	1	405571456		CABLE, STRANDED #205040-012 XY RESOURCES CO.			
1351	9A	1	105410575	1002006C	CABLE UL LISTED TYPE CM UL STYLE#2576 24 GA			
1360	9A	1	403541568		CONNECTOR #65846-007 BERG ELECTRONICS CO			
1370	9A	12	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			8 4
1380	9A	2	103125340	982AB	CONNECTOR			
1390	10	2	996346524	KS19195L1	WIRE 22GA STRANDED 1 CONDUCTOR RED A DIMENSION = 5 FEET 0 INCH			
1400	10	1	400960555	KS19195L1	WIRE 22GA STRANDED BK A DIMENSION = 5 FEET 0 INCH			
1410	10	1	403546252		TERMINAL, FASTON #61944-2 AMP INC.			
1420	10	1	403746043		LUG, TERMINAL #61988-2 .250 X .032 AMP INC.			
1430	10	2	402634521		TERMINAL, FASTON #61765-2 AMP INC.			
1440	10	1	405570474		CONNECTOR, MINI-LATCH HOUSING #78211-003 3 PINS BERG ELECTRONICS CO.			
1450	10	1	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			8 4
1460	10	1	402739536		CONNECTOR #65351-033 MINILATCH HOUSING 8 PINS BERG ELECTRONICS CO.			
1470	10	2	405097213		CONTACT #47565-000 MIN PV RECEPTACLE BERG ELECTRONICS CO.			
1474	4	1	996346524	KS19195L1	WIRE 22GA STRANDED 1 CONDUCTOR RED A DIMENSION = 4 FEET 0 INCH			
1475	5	1	996346524	KS19195L1	WIRE 22GA STRANDED 1 CONDUCTOR RED A DIMENSION = 5 FEET 0 INCH			
1476	4	1	400960555	KS19195L1	WIRE 22GA STRANDED BK A DIMENSION = 4 FEET 0 INCH			
1477	5	1	400960555	KS19195L1	WIRE 22GA STRANDED BK A DIMENSION = 5 FEET 0 INCH			

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

SEE PROPRIETARY NOTICE ON SHEET ONE

XT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
ALARM & STATUS UNIT

DWG SIZE C2 ISSUE 10

ED5D586-12

LUCENT TECHNOLOGIES INC ED5D586-12

SHEET D2 OF 6

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