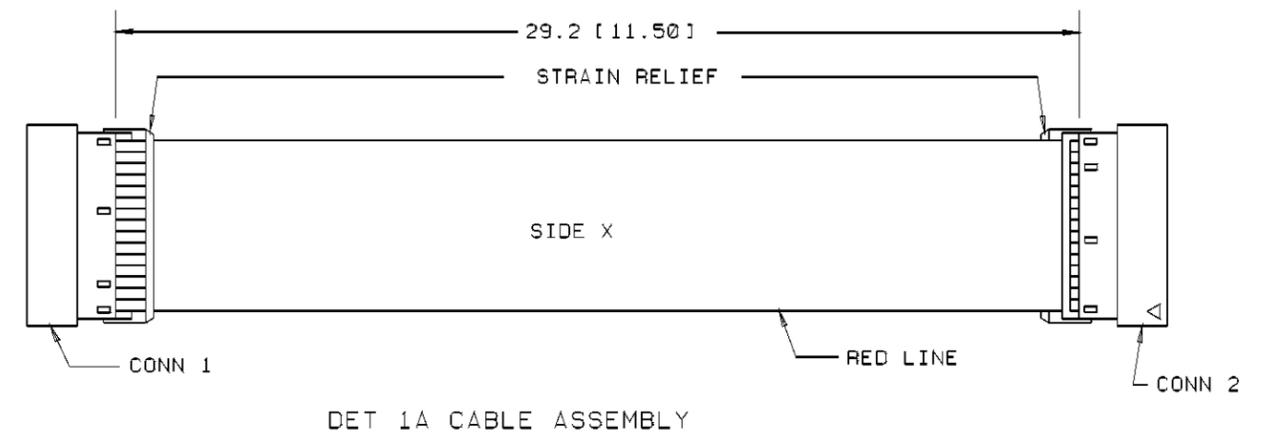
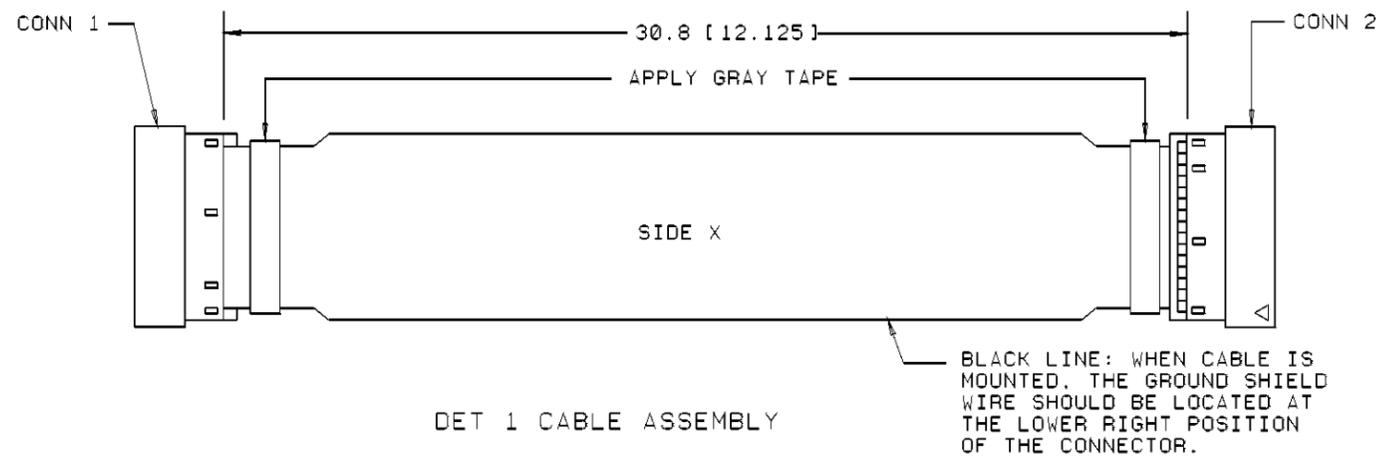
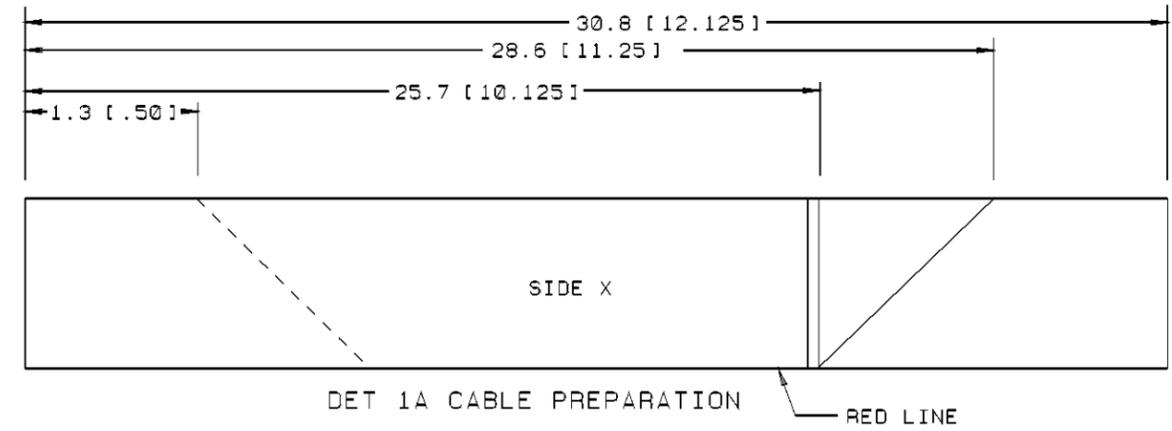
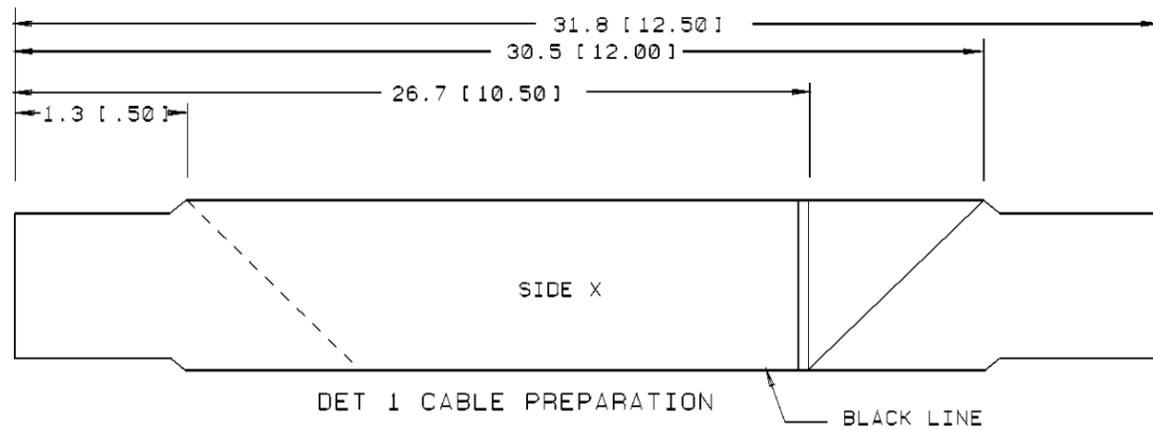


TABLE A-FEATURES												
EQUIPMENT		RAT- ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			1									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			1A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			2									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			2A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			3									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			3A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			4									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			4A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			5									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			5A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			6									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			6A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			7									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			7A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			8									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			8A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			9									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			9A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			10									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			10A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			11									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			11A									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			12									
CONNECTORIZED CABLE ASSEMBLY FOR MCTU2 SGO TO SG1			12A									
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL A SHELF 0 OR 1 IN AN MCTU2.			13									
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL B SHELF 0 OR 1 IN AN MCTU2.			14									
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL B SG 0 IN AN MCTU3.			15									
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL B SG 1 IN AN MCTU3.			16									

TABLE-A CONTINUED

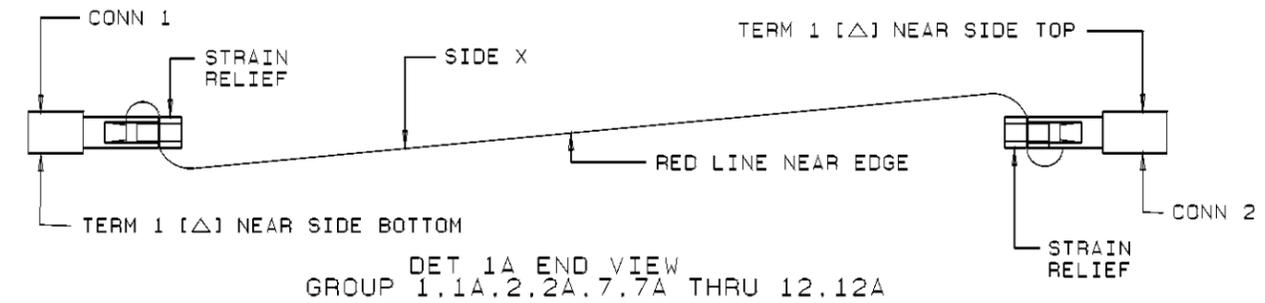
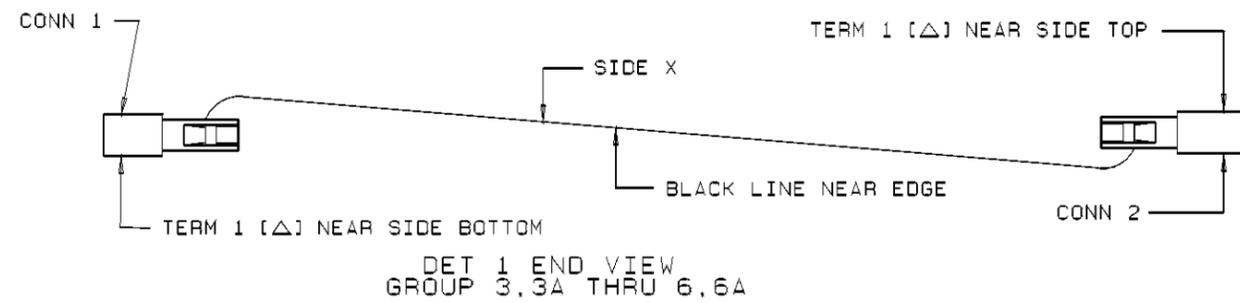
TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL A SG 0 IN AN MCTU3.			17									
CABLE ASSEMBLY REQUIRED TO LOOP TRANSMIT TO RECEIVE FOR CHANNEL A SG 1 IN AN MCTU3.			18									
END OF TABLE-A												

SEE PROPRIETARY NOTICE ON SHEET ONE	
KT13	
SESS SWITCHING EQUIPMENT CABLE ASSEMBLIES FOR MCTU2/3 SGO-SG1	
DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES INC ED5D651-25	SHEET A2 OF 9

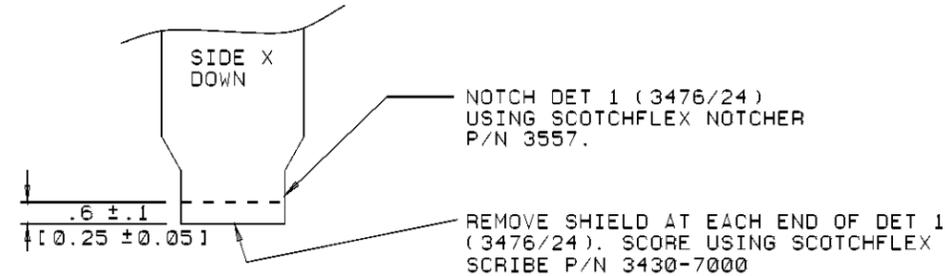


TYPICAL SIDE X VIEW OF CABLE
STAMP GROUP NUMBER ON CONNECTOR
AFTER CONNECTOR ASSEMBLY

TYPICAL SIDE X VIEW OF CABLE
STAMP GROUP NUMBER ON CONNECTOR
AFTER CONNECTOR ASSEMBLY



END PREPARATION
DET 1

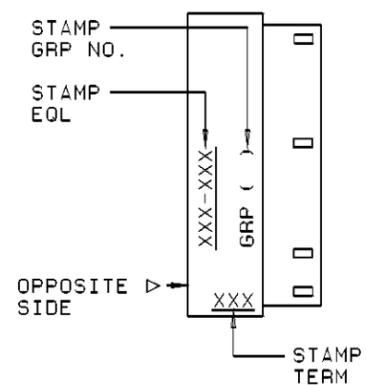


SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLY	DWG SIZE	ISSUE
	C2	8
AT&T	ED5D651-25	SHEET B1

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	TYPE	SIDE X	TAPE LENGTH	CONN NO.	TYPE	SIDE X
1A	1.1A, 2.2A, 7.7A - 12.12A	KS-22519.L1	1	KS23048.L15	UP	30.8 [12.125]	2	KS23048.L15	UP
1	3.3A - 6.6A	3476/24	1	KS23048.L15	UP	31.8 [12.50]	2	KS23048.L15	UP

STAMPING INFORMATION				
GROUP	CONN 1		CONN 2	
	EQL	TERM	EQL	TERM
1.1A	(***)-173	045	(***)-173	045
2.2A	(***)-173	032	(***)-173	032
3.3A	(***)-153	045	(***)-153	045
4.4A	(***)-153	032	(***)-153	032
5.5A	(***)-153	013	(***)-153	013
6.6A	(***)-153	000	(***)-153	000
7.7A	(***)-042	545	(***)-042	545
8.8A	(***)-042	532	(***)-042	532
9.9A	(***)-042	513	(***)-042	513
10.10A	(***)-042	500	(***)-042	500
11.11A	(***)-033	045	(***)-033	045
12.12A	(***)-033	032	(***)-033	032

(***) DENOTES BAY & FRAME POSITION AS FOLLOWS:
 FOR 1ST MCTU2 CONN 1 (128) & CONN 2 (119) GROUPS 1 THRU 12
 FOR 2ND MCTU2 CONN 1 (153) & CONN 2 (145) GROUPS 1A THRU 12A

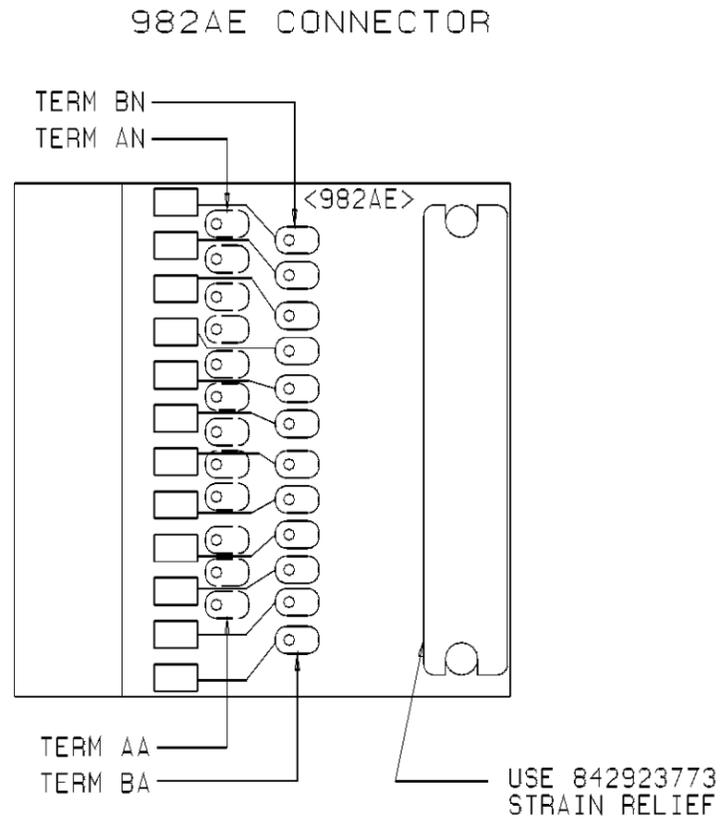


NOTE: CONNECTOR STAMPING SHOULD BE APPLIED TO THE OPPOSITE SIDE OF CONNECTOR EMBOSSED WITH A "Δ".

ED50651-25

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLY	DWG SIZE	ISSUE
	C2	8
AT&T	ED50651-25	SHEET B2

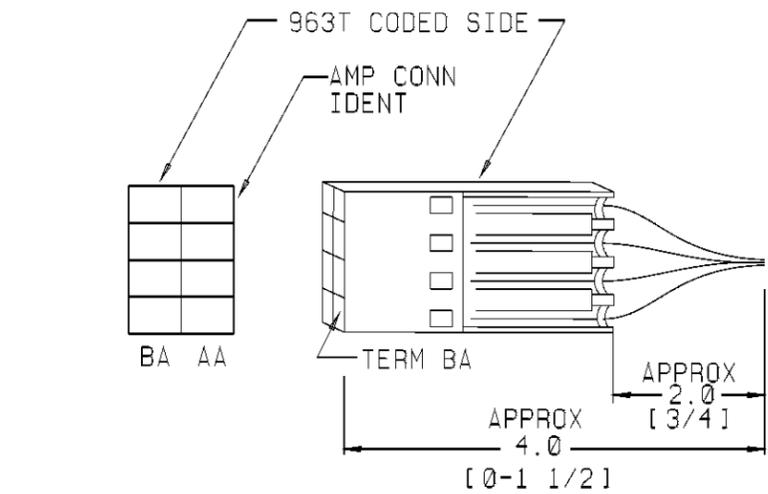
CONNECTING INFORMATION
GROUP 13,14,15,16,17,18



TYPICAL METHOD OF ATTACHING
982AE CONNECTORS (2X12)
TO CABLES

FIG. 1

963T-(), 963T2-() & AMP CONNECTOR
(2 X)



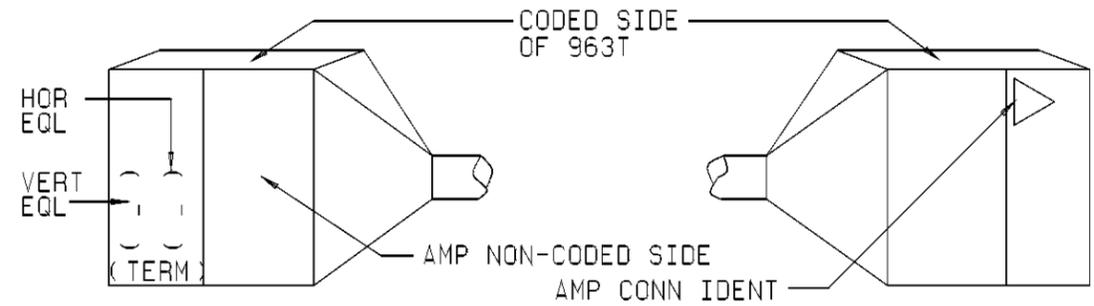
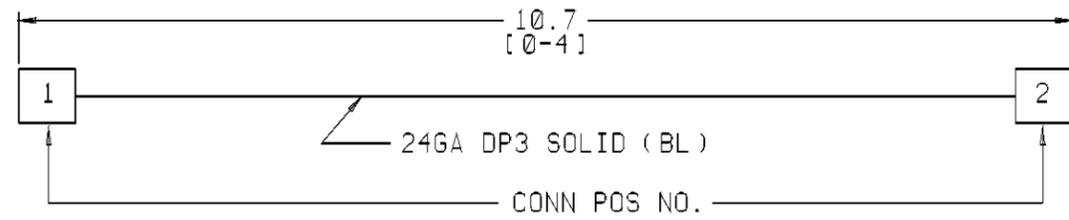
WIRING SIDE SIDE VIEW

TYPICAL METHOD OF ASSEMBLING 963T-(), 963T2-() & AMP
CONNECTOR (2 X) ON TO
PREPARED CABLE END

FIG. 2

SEE PROPRIETARY NOTICE ON SHEET ONE		
CABLE ASSEMBLY	DWG SIZE	ISSUE
	C2	11
AT&T	ED5D651-25	SHEET B4

CONNECTING AND STAMPING INFORMATION
GROUP 13,14,17 & 18



963T-8 OR RV125 AMP CONNECTOR (2 X 4)

CONN POS 1				
WIRING SIDE OF 2x4 CONN				
COLOR	TERM	TERM	COLOR	
	AA	BA	BL	
	AB	BB		
	AC	BC		
	AD	BD		

AMP CONN IDENT

CODED SIDE OF 963T CONN

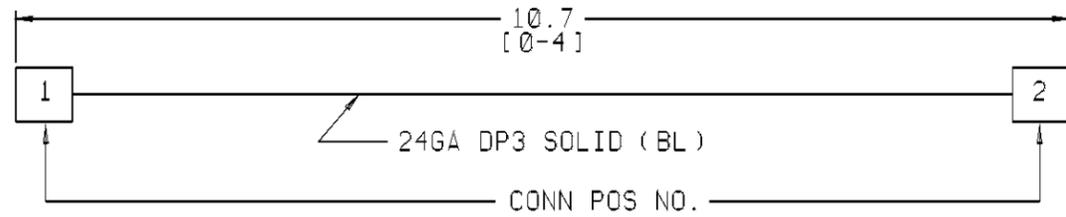
CONN POS 2				
WIRING SIDE OF 2x4 CONN				
COLOR	TERM	TERM	COLOR	
	AA	BA	BL	
	AB	BB		
	AC	BC		
	AD	BD		

AMP CONN IDENT

CODED SIDE OF 963T CONN

STAMPING TABLE								
GROUP	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
13	1	004-156	353		2	004-156	340	
14	1	004-156	321		2	004-156	308	
17	1	004-084	353		2	004-084	340	
18	1	004-176	353		2	004-176	340	

CONNECTING AND STAMPING INFORMATION
GROUP 15 & 16



AMP CONN IDENT

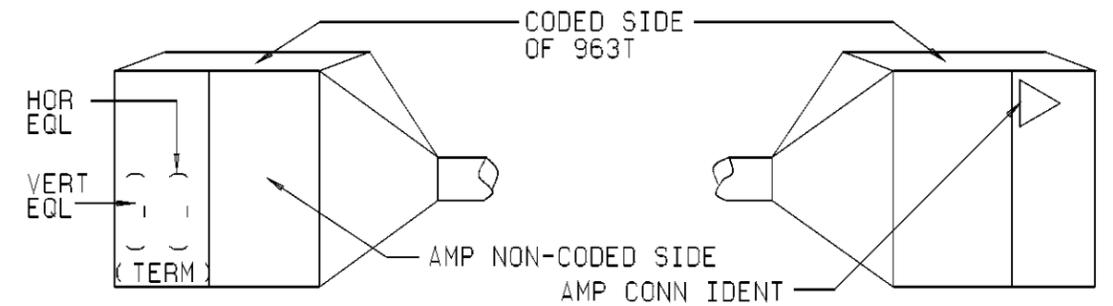
CONN POS 1			
WIRING SIDE OF 2x12 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	
	AB	BB	
	AC	BC	
	AD	BD	
	AE	BE	
	AF	BF	
	AH	BH	
	AJ	BJ	
	AK	BK	BL
	AL	BL	
	AM	BM	
	AN	BN	



AMP CONN IDENT

CONN POS 2			
WIRING SIDE OF 2x4 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	BL
	AB	BB	
	AC	BC	
	AD	BD	

CODED SIDE OF 963T CONN



963T-() OR RV125 AMP CONNECTOR (2 X)

STAMPING TABLE								
GROUP	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
15	1	004-084	313		2	004-084	308	
16	1	004-176	313		2	004-176	308	

CODED SIDE OF 963T CONN

SEE PROPRIETARY NOTICE ON SHEET ONE		
CABLE ASSEMBLY	DWG SIZE	ISSUE
	c2	12
LUCENT TECHNOLOGIES INC.	ED50651-25	SHEET B6

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1,1A,2,2A,7,7A,8,8A,9,9A,10,10A,11,11A,12,12A	1	405100736	KS22519L1	CABLE 24 CONDUCTOR 28 GA A DIMENSION = 2 FEET 0 INCH			
1010	1,1A,2,2A,3,3A,4,4A,5,5A,6,6A,7,7A,8,8A,9,9A,10,10A,11,11A,12,12A	2	404067134	KS23048L15	CONNECTOR			
1015	3,3A,4,4A,5,5A,6,6A	1	405541186		CABLE, PLAT #3476/24 WITH GROUND PLANE STRANDED 24 CONDUCTOR 28GA 3M CO. A DIMENSION = 2 FEET 0 INCH			
1020	3,3A,4,4A,5,5A,6,6A	1	901156430		TAPE, ELECTRICAL GRAY #P-29 3/8 IN X 36 YD ROLL PERMACEL			
1030	13,14,17,18	2	105772792	963T-8	CONNECTOR			
1035	15,16	1	105772792	963T-8	CONNECTOR			
1036	15,16	1	105772826	963T-24	CONNECTOR			
1040	13,14,15,16,17,18	1	843743410		WIRE 24GA DP 3 BL A DIMENSION = 1 FOOT 0 INCH			
1050	15,16	1	400853586	KS19195L1	WIRE 26GA G A DIMENSION = 1 FOOT 0 INCH			

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

S H O P	I N S T	MANUFACTURING NOTES																											
		<p>1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METRICS (CM). EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.</p> <p>2. DIMENSIONS 12 INCHES AND OVER ARE EXPRESSED IN FEET AND INCHES. ALL OTHER DIMENSIONS ARE IN INCHES.</p> <p>3. OVERALL CABLE LENGTH (DESIGNATED AS "A" DIM IN TBL S) IS THE LENGTH OF FINISHED CABLE MEASURED FROM THE FARTHEST TIP OF CONN AT ONE END OF THAT CABLE TO THE FARTHEST TIP OF CONN AT THE OTHER END.</p> <p>4. FOR CABLE GROUPS 3, 3A THRU 6, 6A (DET 1) BECAUSE OF THE THICKNESS OF THE CABLE THE STRAIN RELIEF SUPPLIED WITH THE CONNECTORS WILL NOT FIT AND SHOULD NOT BE USED.</p> <p>5. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS WILL HOLD A LENGTH TOLERANCE AS FOLLOWS:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>METRIC</td> <td>TOLERANCE</td> <td>ENGLISH</td> <td>TOLERANCE</td> </tr> <tr> <td>LENGTH</td> <td>-----</td> <td>LENGTH</td> <td>-----</td> </tr> <tr> <td>0-1 M</td> <td>+/-1.5 CM</td> <td>{ZERO TO 3' 4"</td> <td>+/-0.5"}</td> </tr> <tr> <td>1 M AND UP</td> <td>+/-1.5%</td> <td>{3' 4" & UP</td> <td>+/-1.5%</td> </tr> <tr> <td></td> <td></td> <td>ROUNDED UP TO 1 CM OR 0.5".</td> <td></td> </tr> </table> <p>6. STAMP CHARACTERS WITH .32 [1/8], .24 [3/32] OR .2 [5/64] INCH LETTERING, THE LARGEST SIZE POSSIBLE IS RECOMMENDED.</p> <p>7. AA, AB, BB, BB ETC., ARE TERMINAL REFERENCE ONLY. DO NOT STAMP THESE ON BACKPLANE CONNECTORS.</p> <p>8. BW-W/W-BL ETC., INDICATES PAIRED LEADS. COLOR AT LEFT OF SLASH INDICATES COLOR OF LEAD TO BE CONNECTED. COLOR AT RIGHT OF SLASH IS THE COLOR OF THE OTHER LEAD IN THE PAIR.</p> <p>9. () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.</p> <p>10. EQL (EQUIPMENT LOCATION) SHOWN IN THE STAMPING TABLE IS IDENTIFIED AS FOLLOWS:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>(VERT)</td> <td>(HOR)</td> <td>(TERM)</td> </tr> <tr> <td></td> <td>119 - 042 - 300</td> <td></td> </tr> </table> <p>11. REFER TO LOCAL MANUFACTURING DOCUMENTATION FOR SPECIFICS.</p> <p>12. UNLESS OTHERWISE SPECIFIED, USE WHITE INK ON DARK SURFACES AND BLACK INK ON LIGHT SURFACES.</p>		METRIC	TOLERANCE	ENGLISH	TOLERANCE	LENGTH	-----	LENGTH	-----	0-1 M	+/-1.5 CM	{ZERO TO 3' 4"	+/-0.5"}	1 M AND UP	+/-1.5%	{3' 4" & UP	+/-1.5%			ROUNDED UP TO 1 CM OR 0.5".		(VERT)	(HOR)	(TERM)		119 - 042 - 300	
METRIC	TOLERANCE	ENGLISH	TOLERANCE																										
LENGTH	-----	LENGTH	-----																										
0-1 M	+/-1.5 CM	{ZERO TO 3' 4"	+/-0.5"}																										
1 M AND UP	+/-1.5%	{3' 4" & UP	+/-1.5%																										
		ROUNDED UP TO 1 CM OR 0.5".																											
(VERT)	(HOR)	(TERM)																											
	119 - 042 - 300																												

SEE PROPRIETARY NOTICE ON SHEET ONE

KT13

SESS SWITCHING EQUIPMENT
CABLE ASSEMBLIES FOR
MCTU2/3 SGO-SG1

DWG SIZE C2 ISSUE 12

ED5D651-25

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SHEET D1 OF 9

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