

TABLE A-FEATURES												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION						EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY ASU2(ASC1)-ASC/SAM				1								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY ASU2(ASC2)-ASC/SAM				2								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY ASU2,ASC (RISLU)				3								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY ASU2,ASC (RISLU)				4								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY(5E2000) ASU2(ASC1)-ASC/SAM				11								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY(5E2000) ASU2(ASC2)-ASC/SAM				12								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY(5E2000) ASU2,ASC/SAM(RISLU)				13								
WIRING AND APPARATUS REQUIRED FOR A CONNECTORIZED CABLE ASSEMBLY(5E2000) ASU2,ASC/SAM(RISLU)				14								
END OF TABLE-A												

ENGINEERING NOTES

51. STOCKLIST LENGTHS ARE FOR BILL OF MATERIAL PURPOSES ONLY "ROUNDED TO THE NEXT HIGHEST FOOT" AND NOT TO BE USED FOR CABLE LENGTH PREPARATION.

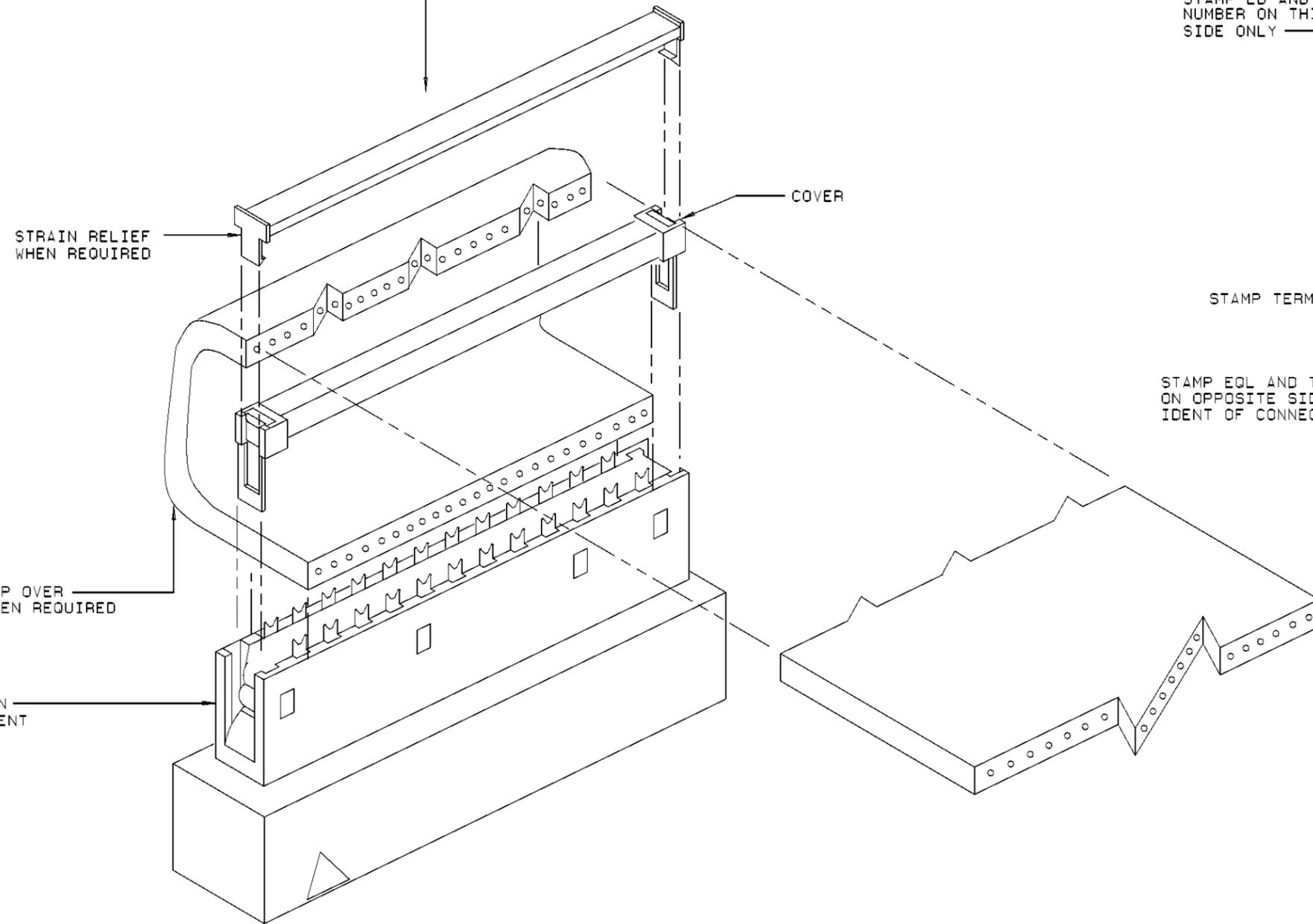
ISSUE NOTES				
ORIG ISS: 05/31/90		CHANGE CLASS:		
DRAFT: REW	ENGR: JJK	SUPV:	CERTIFIED: 05/31/90	ISSUE: 1
GROUPS 11,12,13 AND 14 ADDED FOR 5ESS-2000 SWITCH CABINET.				
ORIG ISS: 05/31/90		CHANGE CLASS: B		
DRAFT: REW	ENGR: REW	SUPV:	CERTIFIED: 06/21/93	ISSUE: 2
METRICS, ENG NOTE 51 & MPG NOTE 11 ADDED. GROUP INDEX & MPG NOTE 3 CHGD. STOCKLIST ITEMS 110,140,170 & 200 CABLE LENGTHS CHGD TO AGREE WITH ENG NOTE 51. THIS ISSUE ALSO INCLUDES OCW POINT ISSUE 2.1.				
ORIG ISS: 05/31/90		CHANGE CLASS: ME		
DRAFT: GLL	ENGR: FK	SUPV:	CERTIFIED: 12/23/94	ISSUE: 3
SHEETS B10 THRU B12 IN STAMPING TABLE EQL INFORMATION FOR CONN 1 AND CONN 2 WAS SHOWN REVERSED, OKC POINT ISSUES 3.1 & 3.2 INCLUDED.				
ORIG ISS: 05/31/90		NDD NBR: NDD5D678-25	CHANGE CLASS: ME	
DRAFT: DLP	ENGR: DLP	SUPV:	CERTIFIED: 08/15/96	ISSUE: 4

SHEET INDEX											
SHT NBR	A1 THRU A1 ISSUE 4										
ISSUE											
SHT NBR	D1 THRU D1 ISSUE 4										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	3	2	3	3	3	3	3	3	3	4	4
SHT NBR	B12	B13	B14								
ISSUE	4	3	3								
SHT NBR											
ISSUE											
SHT NBR											
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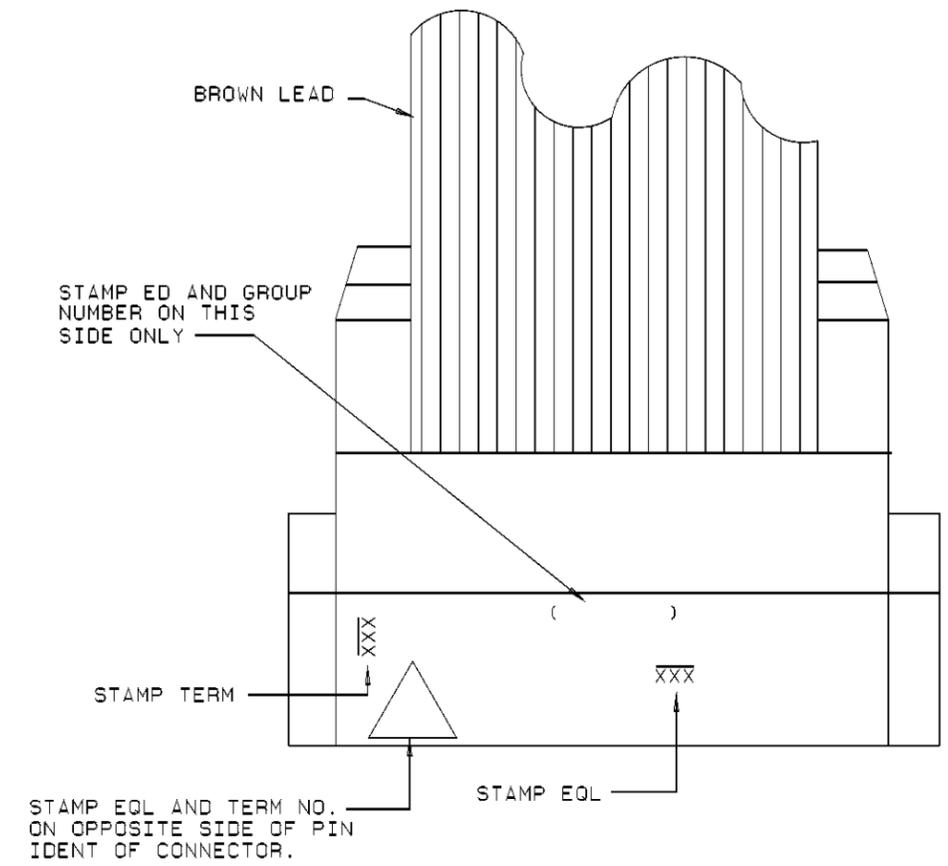
ED5D678-25

LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR ALARM STATUS UNIT MODULE 2 CONNECTORIZED CABLING	
DWG SIZE C2	ISSUE 4
LUCENT TECHNOLOGIES INC	ED5D678-25
	SHEET A1 OF 16

5. TYPICAL 3M, BERG OR AMP TYPE CONNNECTOR.

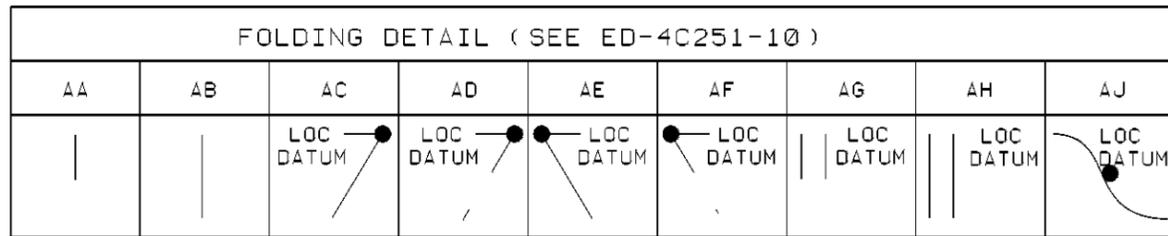


9. TYPICAL STAMPING FOR INSULATION DISPLACEMENT CONNECTORS.



#3425 (3M)
DISPLACEMENT CONNECTORS.

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	2
AT&T	ED50678-25	SHEET B2



DATUM FOR ALL DIM

A B C D E F G H J K L M

(SIDE X)

BROWN LEAD

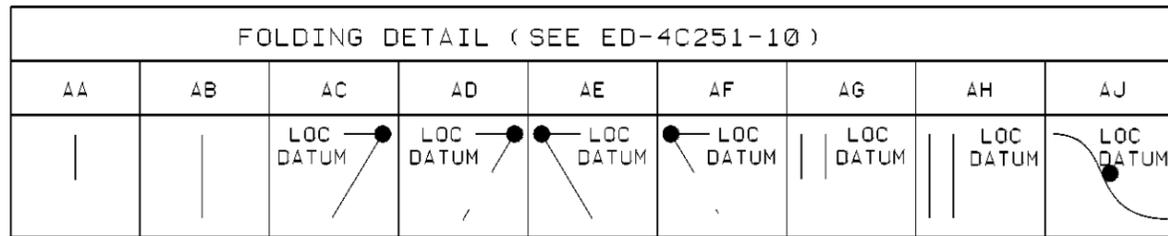
X
SEE TABLE B

TABLE B (CENTIMETERS)

DET NO.	TAPE CABLE TO BE USED	GROUP	FIRST LINE = FOLDING DET., SECOND LINE = DIM													REMARKS	
			X	A	B	C	D	E	F	G	H	J	K	L	M		
1	3811/50	1		AD	AF	AJ											
			137.9	10.9	26.7	111.8											
2		2		AD	AF	AJ											
			127.8	10.9	18.0	101.6											
3		3		AD	AF	AJ											
			137.9	10.9	13.7	111.8											
4		4		AA	AJ												
			136.1	11.7	109.2												
11	3811/50	11		AD	AD	AJ											
			137.9	14.4	24.0	111.8											
12		12		AJ													
			127.8	101.6													
13		13		AD	AD	AJ											
			137.9	14.4	24.0	111.8											
14		14		AJ													
			136.1	109.2													

NOTE: "X" DIMENSION INCLUDES 10.2 CENTIMETERS OF CABLE THAT IS CUT OFF DURING THE MACHINE TERMINATION PROCESS OF THE TRW CONNECTORS FOR GROUPS 1 THRU 4 AND 11 THRU 14.

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED5D678-25	SHEET B3



DATUM FOR ALL DIM

A B C D E F G H J K L M

(SIDE X)

BROWN LEAD

X
SEE TABLE B

TABLE B (INCHES)

DET NO.	TAPE CABLE TO BE USED	GROUP	FIRST LINE = FOLDING DET., SECOND LINE = DIM													REMARKS	
			X	A	B	C	D	E	F	G	H	J	K	L	M		
1	3811/50	1		AD	AF	AJ											
			54.30	4.30	10.50	44.00											
2		2		AD	AF	AJ											
			50.30	4.30	7.10	40.00											
3		3		AD	AF	AJ											
			54.30	4.30	5.40	44.00											
4		4		AA	AJ												
			53.60	4.60	43.00												
11	3811/50	11		AD	AD	AJ											
			54.30	5.68	9.43	44.00											
12		12		AJ													
			50.30	40.00													
13		13		AD	AD	AJ											
			54.30	5.68	9.43	44.00											
14		14		AJ													
			53.60	43.00													

NOTE: "X" DIMENSION INCLUDES 10.2 CENTIMETERS OF CABLE THAT IS CUT OFF DURING THE MACHINE TERMINATION PROCESS OF THE TRW CONNECTORS FOR GROUPS 1 THRU 4 AND 11 THRU 14.

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B4

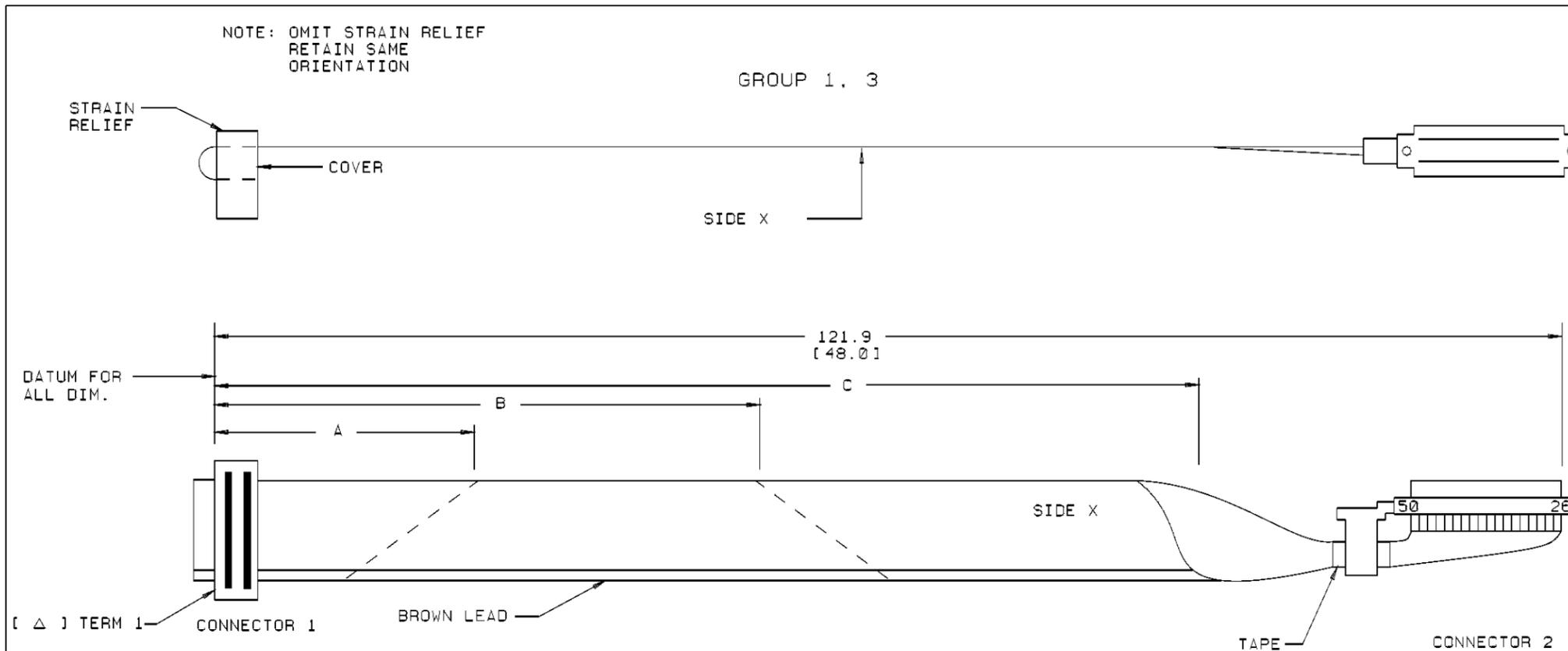


FIG. 1
TYPICAL SIDE X VIEW OF CABLE & DETAIL

C DIM IS AN APPROX DIM

CONN 1		CONN 2					
1	BR	R	2	25	NC	NC	50
3	O	Y	4	NC	NC		
	G	BL		NC	NC		
	V	S		NC	NC		
	W	BK		NC	NC		
	BR	R		NC	NC		
	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
	W	BK		BR	R		
	BR	R		W	BK		
	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
	W	BK		BR	R		
	BR	R		W	BK		
	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
49	W	BK	50	1	BR	R	26

KEY

3425 (3M) 97-22500-90

LEAD ASSIGNMENTS
FIG. A

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
1	1	3811/50 (3M)	1	3425 (3M)	UP	137.9 [54.3]	2	97-22500-90	A, AA
3	3	3811/50 (3M)	1	3425 (3M)	UP	137.9 [54.3]	2	97-22500-90	A, AB

STAMPING INFORMATION					
GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
1	169-102	J1	1	299A	J1
3	169-140	J1	3	299A	J1

SEE PROPRIETARY NOTICE ON SHEET ONE

FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B5

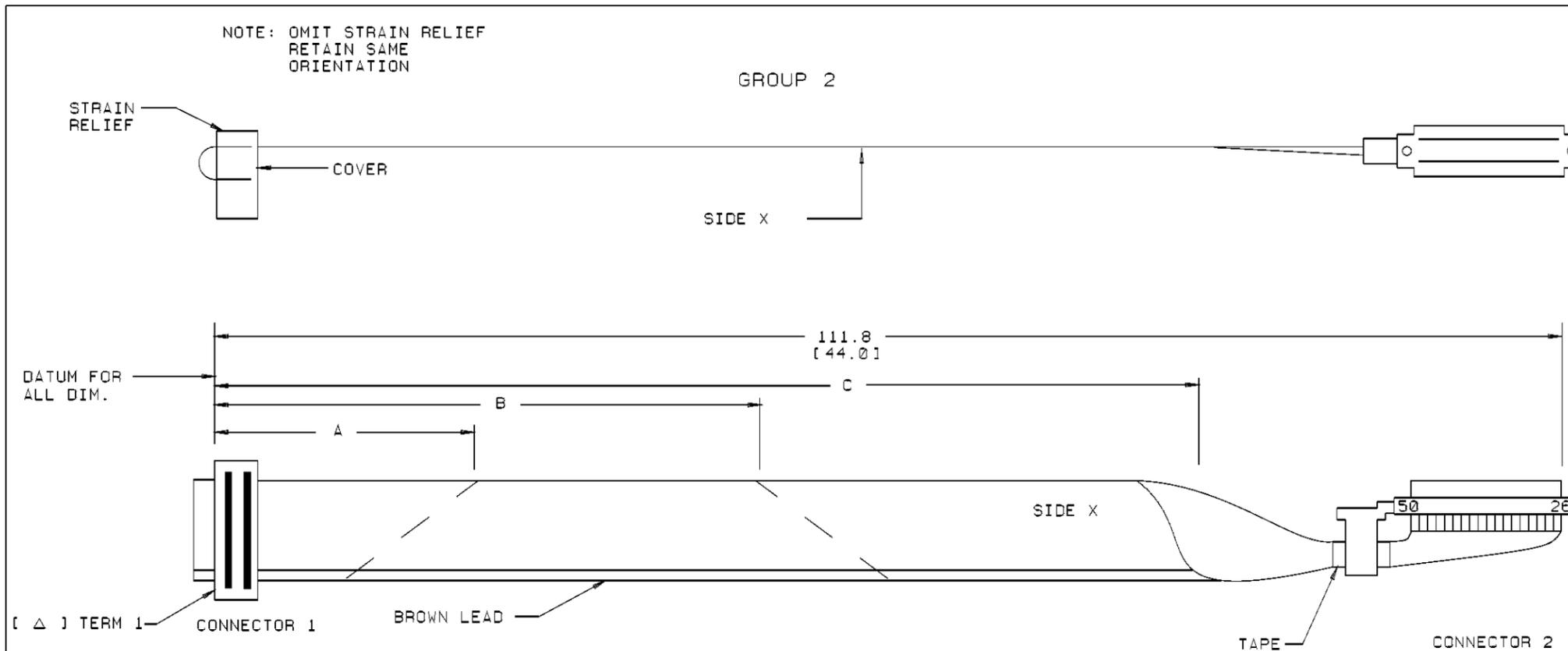


FIG. 2
TYPICAL SIDE X VIEW OF CABLE & DETAIL

C DIM IS AN APPROX DIM

CONN 1		CONN 2					
1	BR	R	2	25	NC	NC	50
3	O	Y	4	V	S		
	G	BL		G	BL		
	V	S		O	Y		
	W	BK		BR	R		
	BR	R		W	BK		
	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
	W	BK		BR	R		
	BR	R		W	BK		
KEY	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
	W	BK		BR	R		
	BR	R		W	BK		
	O	Y		V	S		
	G	BL		G	BL		
	V	S		O	Y		
49	W	BK	50	1	BR	R	26

LEAD ASSIGNMENTS
FIG. B

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
2	2	3811/50 (3M)	1	3425 (3M)	UP	127.8 [50.3]	2	97-22500-90	B.4A

STAMPING INFORMATION					
GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
2	169-102	J2	2	299A	J2

SEE PROPRIETARY NOTICE ON SHEET ONE

FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B6

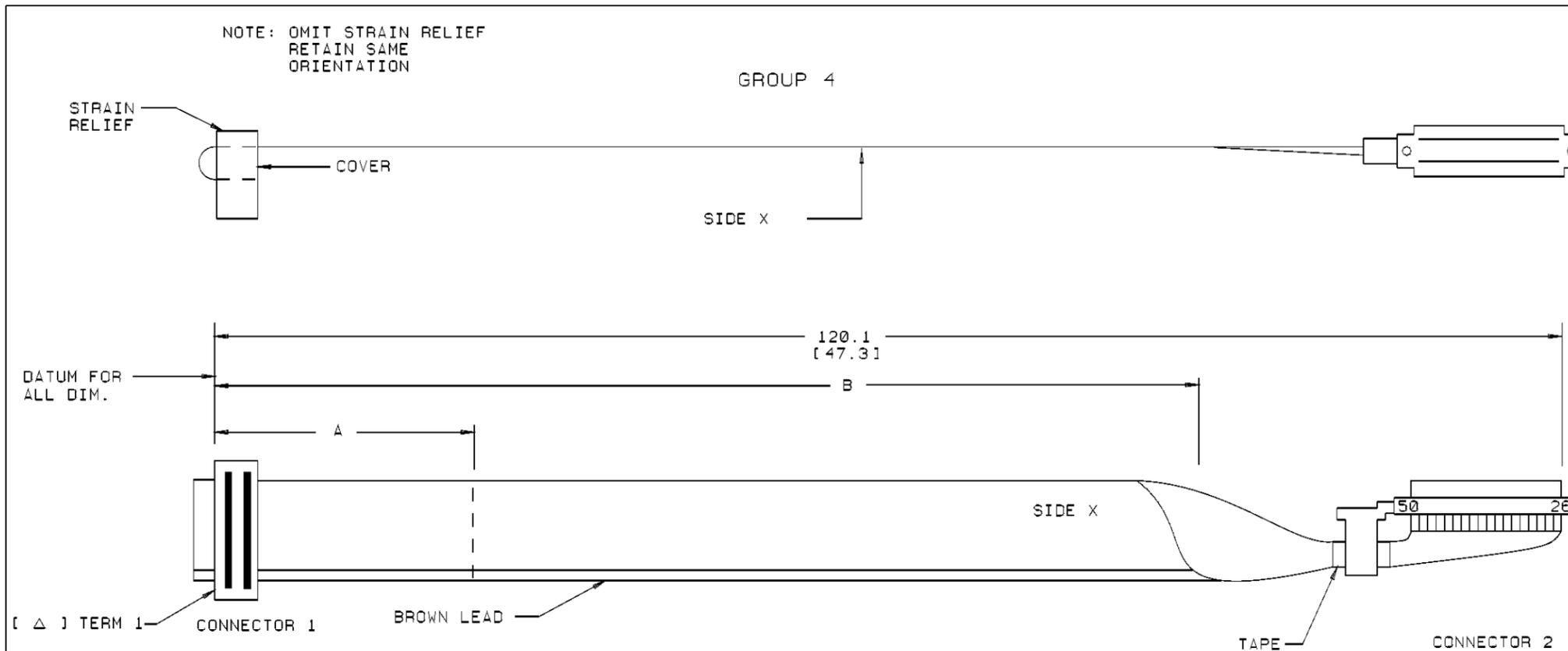


FIG. 3
TYPICAL SIDE X VIEW OF CABLE & DETAIL

B DIM IS AN APPROX DIM

CONN 1		CONN 2					
1	BR	R	2	25	NC	NC	50
3	O	Y	4		V	S	
	G	BL			G	BL	
	V	S			O	Y	
	W	BK			BR	R	
	BR	R			W	BK	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
	W	BK			BR	R	
	BR	R			W	BK	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
	W	BK			BR	R	
	BR	R			W	BK	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
49	W	BK	50	1	BR	R	26

LEAD ASSIGNMENTS
FIG. C

DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
4	4	3811/50 (3M)	1	3425 (3M)	UP	136.1 [53.6]	2	97-22500-90	C, AB

GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
4	169-140	J2	4	299A	J2

SEE PROPRIETARY NOTICE ON SHEET ONE

FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B7

NOTE: AT FOLD B
 FOLD DETAIL 1
 OVER DETAIL 2

GATHER TAPES AT THIS
 FOLD TO BRING CABLES
 IN LINE AND TAPE
 AS INDICATED

ARRANGE CABLES
 AS SHOWN

CA 2
 CA 1

REFERENCE ONLY
 DETAILS SHOWN
 AT THIS POINT
 ARE SIDE X

DET. 2
 DET. 1

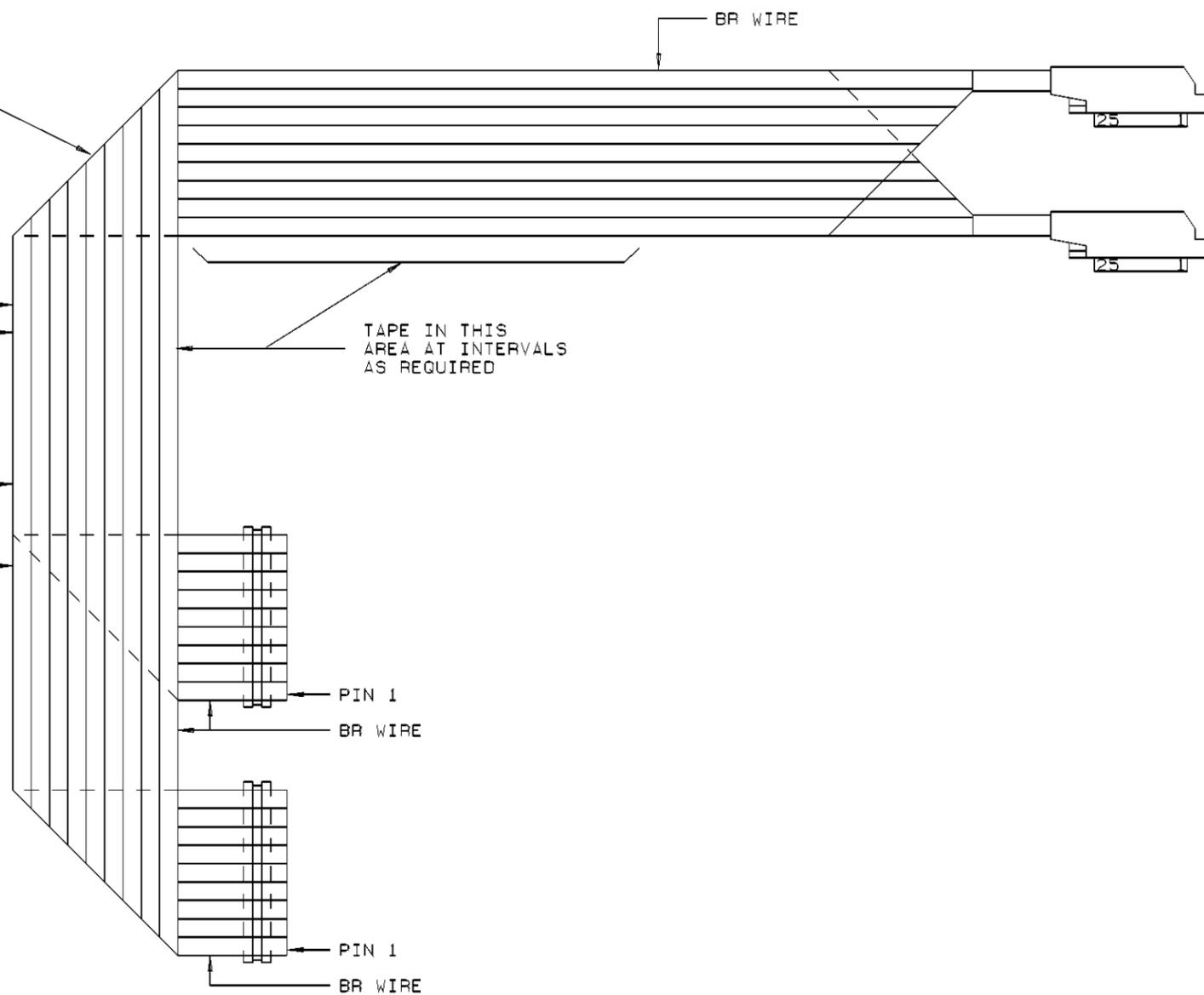


FIG. AA
 GROUP ASSEMBLY

GROUP 1.2
 CABLE ASSEMBLY

ED50678-25

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B8

GATHER TAPES AT THIS FOLD TO BRING CABLES IN LINE AND TAPE AS INDICATED

REFERENCE ONLY DETAILS SHOWN AT THIS POINT ARE SIDE X

DET. 4
DET. 3

BR WIRE
CA 3
TOP EDGE

ARRANGE CABLES AS SHOWN
BK WIRE
CA 4 TOP EDGE

CA 3 BOTTOM
CA 4 TOP

TAPE IN THIS AREA AT INTERVALS AS REQUIRED

PIN 1
BR WIRE

NOTE: AT FOLD B DETAIL 3
FOLD DETAIL 4
OVER DETAIL 3

FIG. AB
GROUP ASSEMBLY

GROUP 3, 4
CABLE ASSEMBLY

ED50678-25

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B9

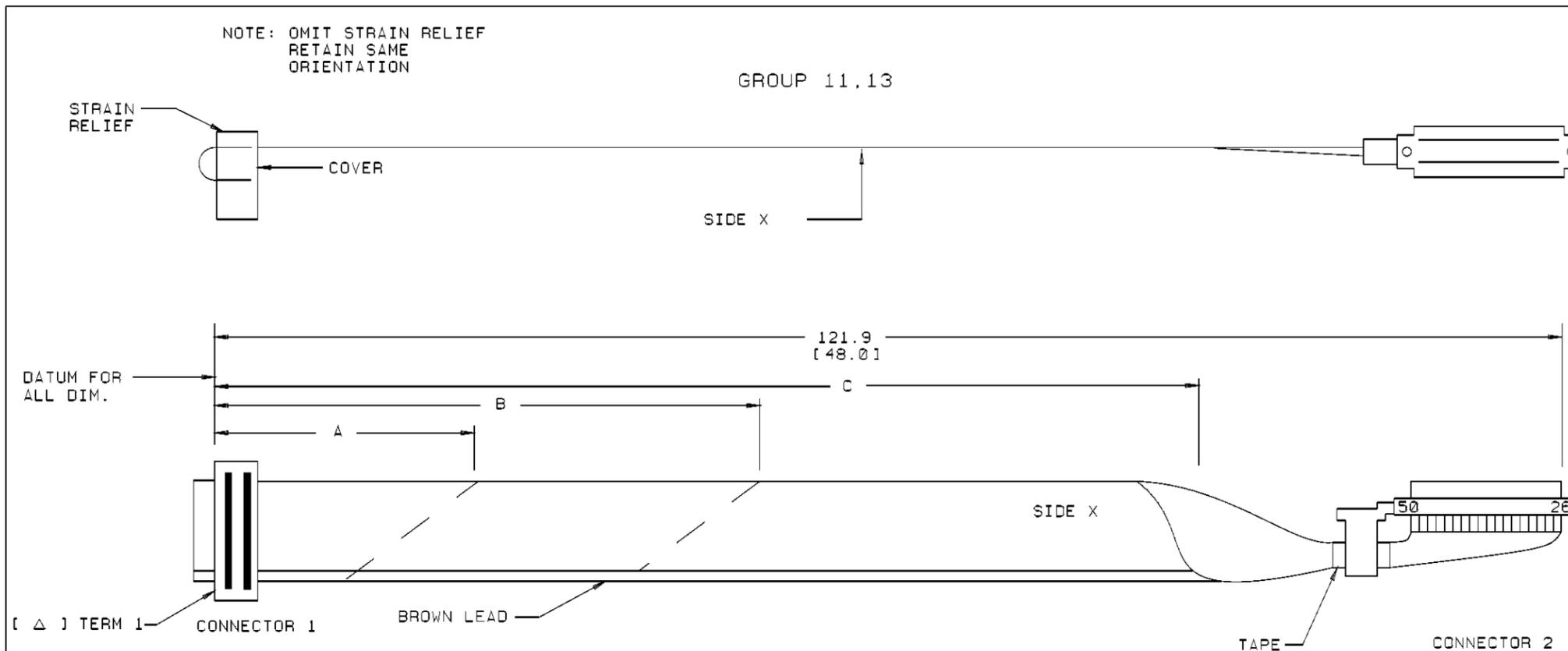


FIG. 11
TYPICAL SIDE X VIEW OF CABLE & DETAIL

C DIM IS AN APPROX DIM

CONN 1		CONN 2					
1	BR	R	2	25	NC	NC	50
3	O	Y	4		NC	NC	
	G	BL			NC	NC	
	V	S			NC	NC	
	W	BK			NC	NC	
	BR	R			NC	NC	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
	W	BK			BR	R	
	BR	R			W	BK	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
	W	BK			BR	R	
	BR	R			W	BK	
	O	Y			V	S	
	G	BL			G	BL	
	V	S			O	Y	
49	W	BK	50	1	BR	R	26

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LEAD ASSIGNMENTS
FIG. AC

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
11	11	3811/50 (3M)	1	3425 (3M)	UP	137.9 [54.3]	2	97-22500-90	AC, AF
13	13	3811/50 (3M)	1	3425 (3M)	UP	137.9 [54.3]	2	97-22500-90	AC, AG

STAMPING INFORMATION					
GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
11	299A	J1	11	176-102	J1
13	299A	J1	13	176-140	J1

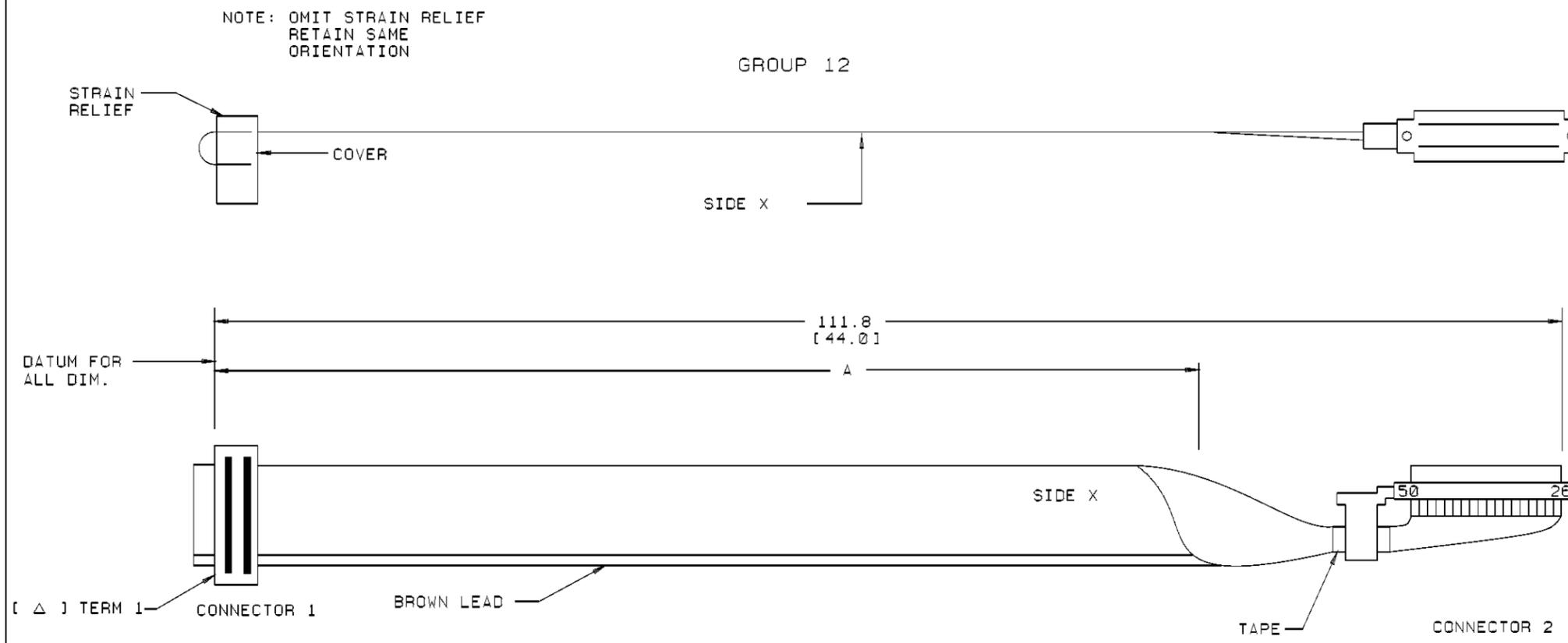


FIG. 12
TYPICAL SIDE X VIEW OF CABLE & DETAIL

A DIM IS AN APPROX DIM

CONN 1		CONN 2	
1	BR R	2	25 NC NC 50
3	O Y	4	V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
49	W BK	50	1 BR R 26

KEY

3425 (3M) 97-22500-90

LEAD ASSIGNMENTS
FIG. AD

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
12	12	3811/50 (3M)	1	3425 (3M)	UP	127.8 [50.3]	2	97-22500-90	AD, AF

STAMPING INFORMATION					
GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
12	299A	J2	12	176-102	J2

SEE PROPRIETARY NOTICE ON SHEET ONE

FLEX TAPE
CABLE ASSEMBLIES

DWG SIZE C2 ISSUE 4

LUCENT TECHNOLOGIES INC. ED50678-25 SHEET B11

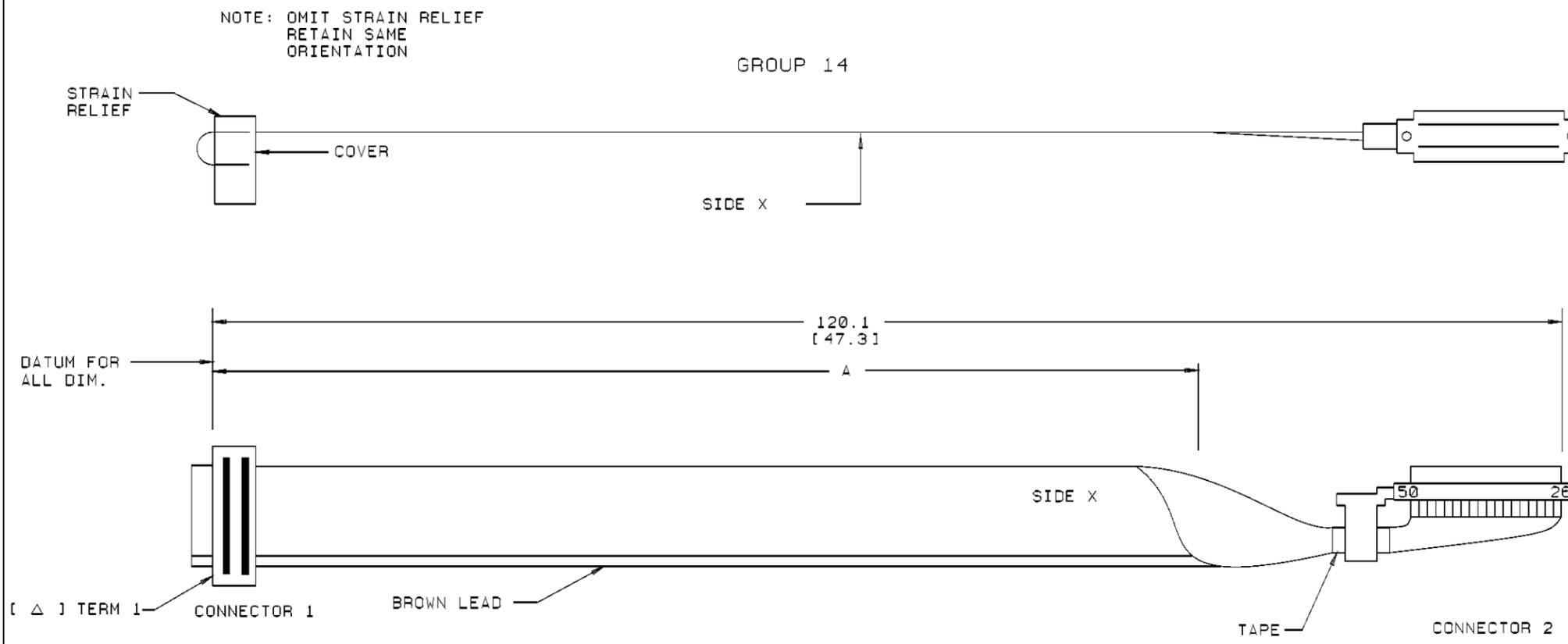


FIG.13
TYPICAL SIDE X VIEW OF CABLE & DETAIL

A DIM IS AN APPROX DIM

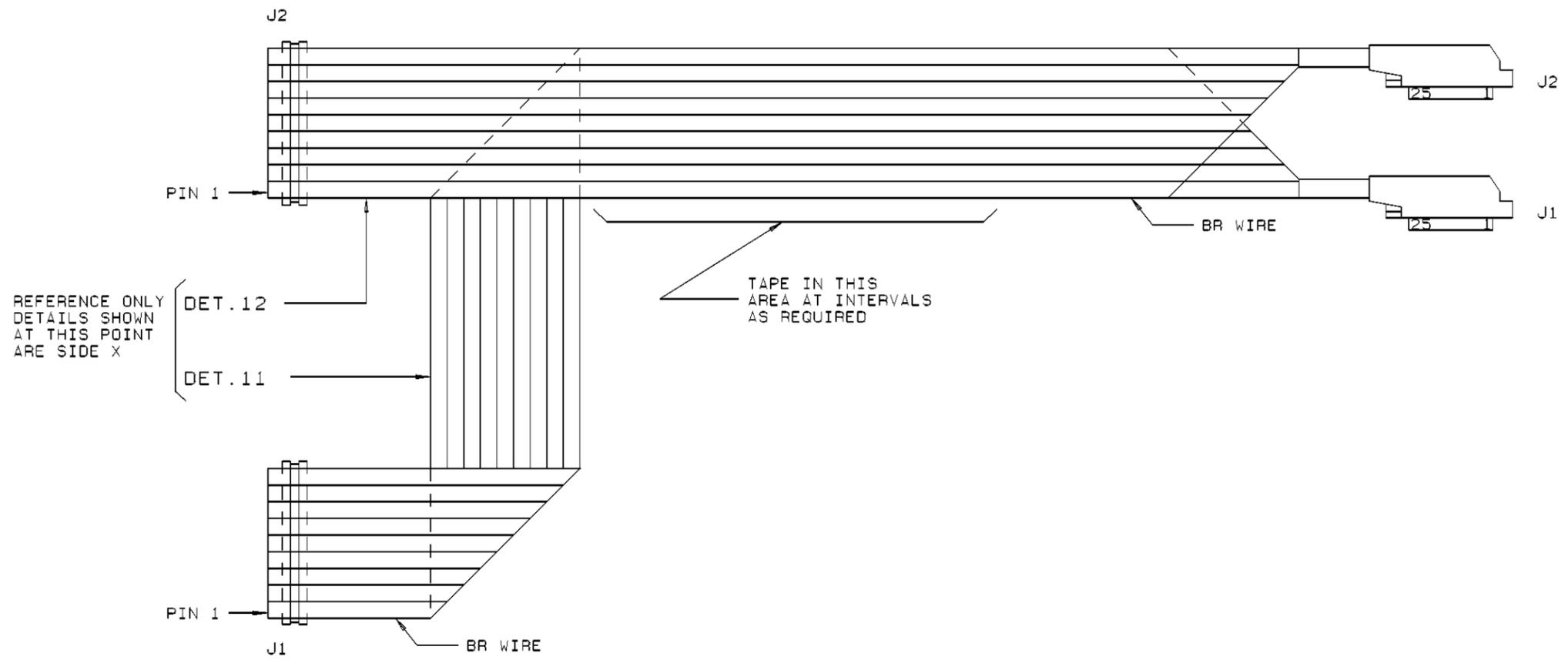
CONN 1		CONN 2	
1	BR R	2	25 NC NC 50
3	O Y	4	V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
KEY	O Y		V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
	W BK		BR R
	BR R		W BK
	O Y		V S
	G BL		G BL
	V S		O Y
49	W BK	50	1 BR R 26

3425 (3M) 97-22500-90

LEAD ASSIGNMENTS
FIG. AE

DETAIL CONNECTING INFORMATION									
DET NO.	CABLE GROUP	CABLE TYPE	CONN NO.	CONN TYPE	SIDE X	TAPE LENGTH	CONN NO.	CONN TYPE	SEE FIG
14	14	3811/50 (3M)	1	3425 (3M)	UP	136.1 [53.6]	2	97-22500-90	AE, AG

STAMPING INFORMATION					
GROUP	CONN 1		DET	CONN 2	
	EQL	TERM		EQL	TERM
14	299A	J2	14	176-140	J2



REFERENCE ONLY
 DETAILS SHOWN
 AT THIS POINT
 ARE SIDE X

FIG. AF
 GROUP ASSEMBLY

GROUP 11.12
 CABLE ASSEMBLY

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED50678-25	SHEET B13

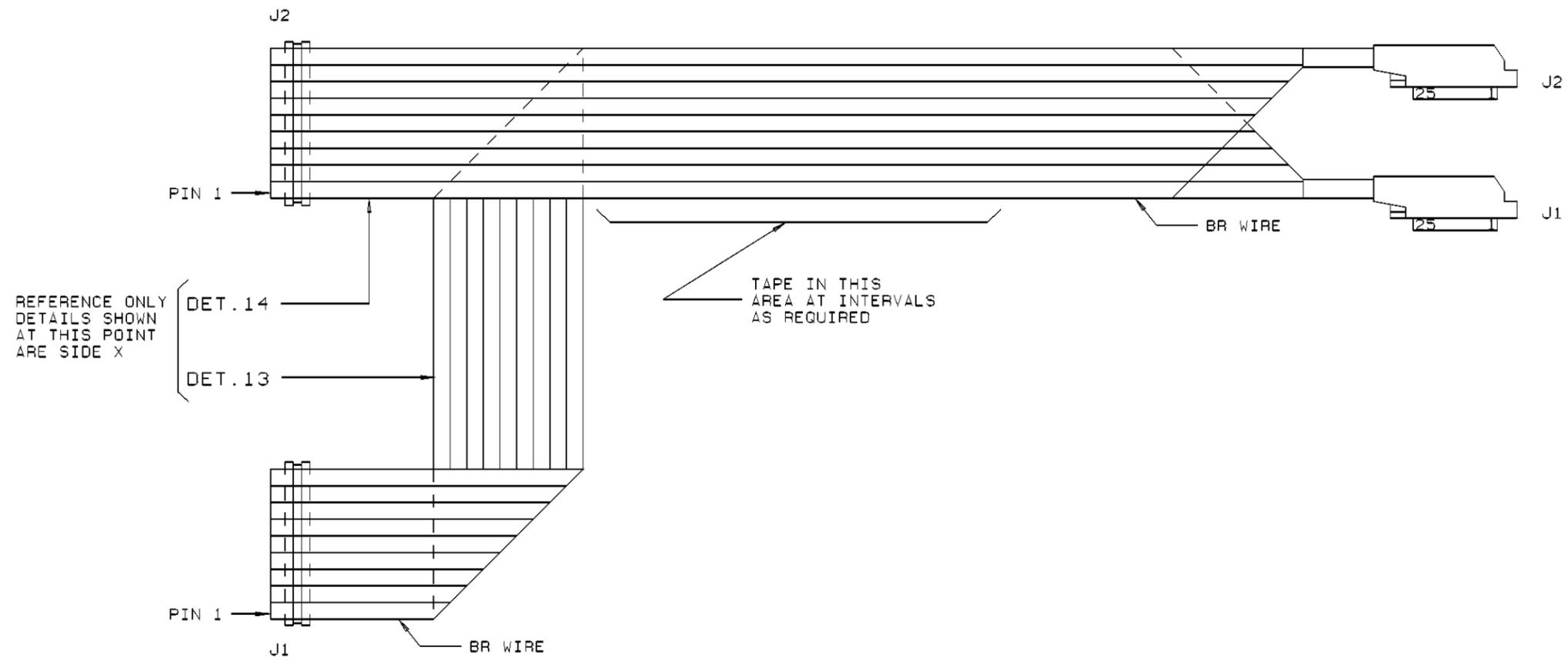


FIG. AG
GROUP ASSEMBLY

GROUP 13,14
CABLE ASSEMBLY

ED5D678-25

SEE PROPRIETARY NOTICE ON SHEET ONE		
FLEX TAPE CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	3
AT&T	ED5D678-25	SHEET B14

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
100	1,11	1	403952435		CONNECTOR #97-22500-90 50 PIN CONNECTOR TRW CINCH INC (E/W HOOD)			
110	1,11	1	405977273		CABLE #3811/50 3M A DIMENSION = 5 FEET 0 INCH (50 CONDUCTOR STRANDED)			
120	1,11	1	405991811		CONNECTOR #3425-6606 3M (E/W STRAIN RELIEF)			
130	2,12	1	403952435		CONNECTOR #97-22500-90 50 PIN CONNECTOR TRW CINCH INC (E/W HOOD)			
140	2,12	1	405977273		CABLE #3811/50 3M A DIMENSION = 5 FEET 0 INCH (50 CONDUCTOR STRANDED)			
150	2,12	1	405991811		CONNECTOR #3425-6606 3M (E/W STRAIN RELIEF)			
160	3,13	1	403952435		CONNECTOR #97-22500-90 50 PIN CONNECTOR TRW CINCH INC (E/W HOOD)			
170	3,13	1	405977273		CABLE #3811/50 3M A DIMENSION = 5 FEET 0 INCH (50 CONDUCTOR STRANDED)			
180	3,13	1	405991811		CONNECTOR #3425-6606 3M (E/W STRAIN RELIEF)			
190	4,14	1	403952435		CONNECTOR #97-22500-90 50 PIN CONNECTOR TRW CINCH INC (E/W HOOD)			
200	4,14	1	405977273		CABLE #3811/50 3M A DIMENSION = 5 FEET 0 INCH (50 CONDUCTOR STRANDED)			
210	4,14	1	405991811		CONNECTOR #3425-6606 3M (E/W STRAIN RELIEF)			
***** END OF STOCKLIST *****								

S H O P X X	I N S T X X	MANUFACTURING NOTES	
		1. NOTES NEEDED FOR CABLE FABRICATION ARE CONTAINED ON SHEETS B1 AND B2.	

SEE PROPRIETARY NOTICE ON SHEET ONE	
SESS SWITCHING EQUIPMENT SPECIFICATION FOR ALARM STATUS UNIT MODULE 2 CONNECTORIZED CABLING	
DWG SIZE C2	ISSUE 4
LUCENT TECHNOLOGIES INC	ED5D678-25
SHEET D1 OF 16	

ED5D678-25