

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (PWR) (A BUS) (SIDE 0/LEVEL 36)			114A								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (PWR) (B BUS) (SIDE 1/LEVEL 45)			114B								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (ALM) (A BUS) (SIDE 0/LEVEL 36)			114C								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (ALM) (B BUS) (SIDE 1/LEVEL 45)			114D								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (PWR) (A BUS) (SIDE 0/LEVEL 45)			116A								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (PWR) (B BUS) (SIDE 1/LEVEL 53)			116B								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (ALM) (A BUS) (SIDE 0/LEVEL 45)			116C								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (ALM) (B BUS) (SIDE 1/LEVEL 53)			116D								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (PWR) (A & B BUS) (CMPU SIDE 0 & 1/LEVEL 62) (CDX/COMPACT DIGITAL EXCHANGE) U.S. APPLICATIONS ONLY.			120A								
WIRING AND APPARATUS REQUIRED FOR CABLE ASSEMBLIES. (ALM) (A & B BUS) (CMPU SIDE 0 & 1/LEVEL 62) (CDX/COMPACT DIGITAL EXCHANGE) U.S. APPLICATIONS ONLY.			120C								

END OF TABLE-A

ENGINEERING NOTES		
51. GROUP INDEX		
GROUP	SHEET	DESCRIPTION
114A-114D	C1	CABLE FORM
116A-116D	C2-C4	RUNNING LISTS
120A, 120C	C5, C6	CONNECTING INFORMATION
	C7	STAMPING INFORMATION
52. CABLE LENGTHS SPECIFIED IN THE STOCKLIST "ROUNDED TO THE NEXT HIGHEST FOOT" ARE FOR BILL OF MATERIAL ONLY, AND NOT TO BE USED FOR CABLE LENGTH PREPARATION.		

ISSUE NOTES				
ORIG ISS: 01/15/93		CHANGE CLASS:		
DRAFT: HZP	ENGR: FK	SUPV: PK	CERTIFIED: 01/15/93	ISSUE: 1
GROUPS 120A & 120C ADDED FOR CMPU POWER & ALARM. IN CABLE FORM ARM 62 STITCHES 016 & 104 AND ARM 67 ADDED.				
ORIG ISS: 01/15/93		CHANGE CLASS: B		
DRAFT: PKK	ENGR: FK	SUPV:	CERTIFIED: 06/15/93	ISSUE: 2
TABLE A GROUP 120A & 120C DESCRIPTION CHGD.				
ORIG ISS: 01/15/93		CHANGE CLASS: M		
DRAFT: FK	ENGR: FK	SUPV:	CERTIFIED: 07/16/93	ISSUE: 3
SL ITEMS 1010, 1015, 1030, 1035, 1310 AND 1330 TERMINALS CHANGED TO PHOS/BRONZE.				
ORIG ISS: 01/15/93		CHANGE CLASS: MF		
DRAFT: WJD	ENGR: WJD	SUPV:	CERTIFIED: 08/02/93	ISSUE: 4
METRICS, ENG NOTES 51 & 52, MFG NOTE 12 AND TABLE D ADDED. STOCKLIST ITEMS 1000, 1005, 1070, 1080, 1090, 1300, 1420, 1430, 1440 & 1450 AND MFG NOTES 2 THRU 7 & 10 CHGD.				
ORIG ISS: 01/15/93		CHANGE CLASS: ME		
DRAFT: FK	ENGR: FK	SUPV:	CERTIFIED: 12/29/94	ISSUE: 5
CHANGED GRAPHICS AND FOCUS FOR LOCKING CLIP CONNECTOR SYSTEM. SL NUMBERS 1050, 1060, 1400 & 1410.				
ORIG ISS: 01/15/93		CHANGE CLASS: MP		
DRAFT: WJD	ENGR: WJD	SUPV:	CERTIFIED: 02/01/95	ISSUE: 6

SHEET INDEX									
SHT NBR	A1 THRU A1				ISSUE 6				
ISSUE									
SHT NBR	D1 THRU D2				ISSUE 6				
ISSUE									
SHT NBR	C1	C2	C3	C4	C5	C6	C7		
ISSUE	5	1	1	2	6	6	5		
SHT NBR									
ISSUE									
SHT NBR									
ISSUE									
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ISSUE									
SHT NBR									
ISSUE									

TABLE D-LIST OF ASSOCIATED REFERENCES	
NUMBER	TITLE
=ED4C251-10	PASTECH WIRING & CABLING
=ED4C249-10	STAMPING NUMBERING & LETTERING
=DENOTES NOT REQD BY INSTALLER	

ED5D751-15

AT&T - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS	
KT13	
CM2C POWER AND ALARM CABLE ASSEMBLIES	
DWG SIZE C2	ISSUE 6
AT&T	ED5D751-15
SHEET A1 OF 10	

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM IN NAIL	OUT NAIL
1			CMO POS 36 PWR			
2			GROUP 114A			
3			16GA STRANDED PAIRS			
4			KS13385L1			
5			ADD *R,R-BK*			
6						
7		36 107			68 023A	DROP
8						
9			12GA STRANDED PAIRS			
10			KS13385L1			
11			ADD *R,R-BK*			
12						
13		36 14			68 014A	DROP
14						
15			CM1 POS 45 PWR			
16			GROUP 114B			
17			16GA STRANDED PAIRS			
18			KS13385L1			
19			ADD *R,R-BK*			
20						
21		45 107			68 059A	DROP
22						
23			12GA STRANDED PAIRS			
24			KS13385L1			
25			ADD *R,R-BK*			
26						
27		45 14			68 050A	DROP
28						
29						
30						
31						
32						

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM IN NAIL	OUT NAIL
1			CMO POS 45 PWR			
2			GROUP 116A			
3			16GA STRANDED PAIRS			
4			KS13385L1			
5			ADD *R,R-BK*			
6						
7		45 107			68 023A	DROP
8						
9			12GA STRANDED PAIRS			
10			KS13385L1			
11			ADD *R,R-BK*			
12						
13		45 14			68 014A	DROP
14						
15			CM1 POS 53 PWR			
16			GROUP 116B			
17			16GA STRANDED PAIRS			
18			KS13385L1			
19			ADD *R,R-BK*			
20						
21		53 107			68 059A	DROP
22						
23			12GA STRANDED PAIRS			
24			KS13385L1			
25			ADD *R,R-BK*			
26						
27		53 14			68 050A	DROP
28						
29						
30						
31						
32						

ED50751-15

SEE PROPRIETARY NOTICE ON SHEET ONE		
CM2C POWER AND ALARM CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	1
AT&T	ED50751-15	SHEET C2

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
1			CM0 POS 36 ALARMS				
2			GROUP 114C				
3			22GA STRANDED				
4			KS 22247L4				
5			ADD				
6			BL,O,G				
7							
8		68 032		BL,G	45	008	DROP
9				0	45	143	DROP
10							
11							
12							
13							
14							
15							
16			CM0/CM1 POS 45 ALARMS				
17			GROUP 114D & 116C				
18			22GA STRANDED				
19			KS 22247L4				
20			ADD				
21			BL,O,G				
22							
23		68 032		BL,G	53	008	DROP
24				0	53	143	DROP
25							
26							
27							
28							
29							
30							
31							
32							

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
1			CM1 POS 53 ALARMS				
2			GROUP 116D				
3			22GA STRANDED				
4			KS 22247L4				
5			ADD				
6			BL,O,G				
7							
8		68 032		BL,G	62	008	DROP
9				0	62	143	DROP
10							
11							
12							
13							
14							
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17							
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32							

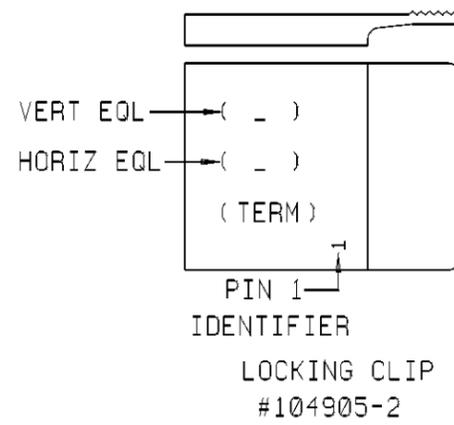
SEE PROPRIETARY NOTICE ON SHEET ONE		
CM2C POWER AND ALARM CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	1
AT&T	ED5D751-15	SHEET C3

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM IN NAIL	OUT NAIL
1			CMPU POS 62 PWR			
2			GROUP 120A			
3			16GA STRANDED PAIRS			
4			KS13385L1			
5			ADD			
6			*R,R-BK*			
7						
8		62 016			68 023C	059C
9						
10					62 104	DROP
11						
12						
13						
14						
15						
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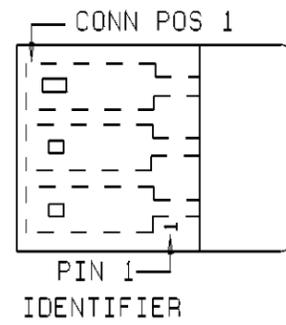
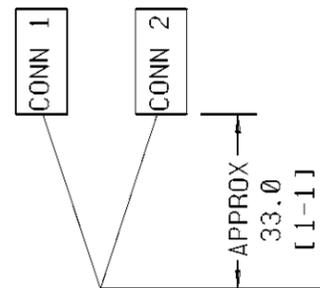
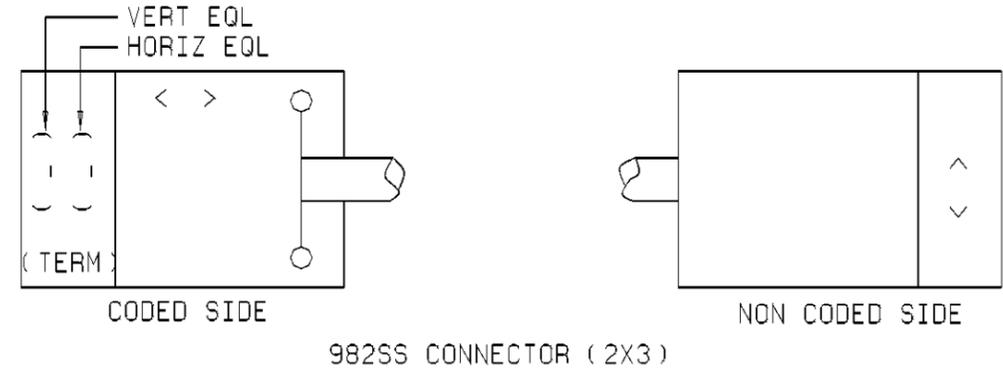
LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM IN NAIL	OUT NAIL
1			CMPU POS 62 ALM			
2			GROUP 120C			
3			22GA STRANDED			
4			KS22247L4			
5			ADD			
6			BL.O			
7						
8		67 008			68 041	DROP
9						
10			ADD			
11			G.BR			
12						
13		67 096			68 041	DROP
14						
15						
16						
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18						
19						
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32						

SEE PROPRIETARY NOTICE ON SHEET ONE		
CM2C POWER AND ALARM CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	2
AT&T	ED5D751-15	SHEET C4

STAMPING INFORMATION

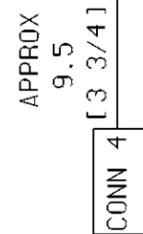
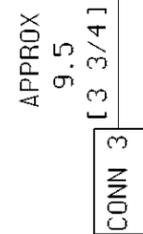


STAMPING INFORMATION



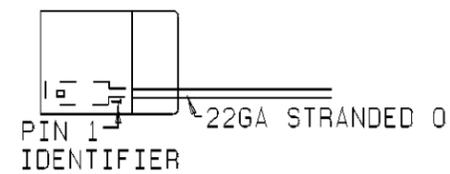
CONN POS 3			
982SS CONN			
TERMINALS			
R O W	A	B	C
A	O		
B			

CONN POS 4			
982SS CONN			
TERMINALS			
R O W	A	B	C
A			
B	BL	G	



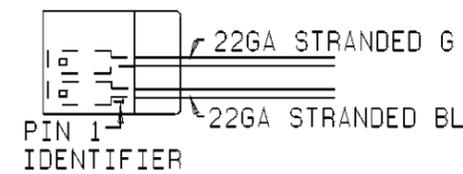
CONN POS 1

LOCKING CLIP



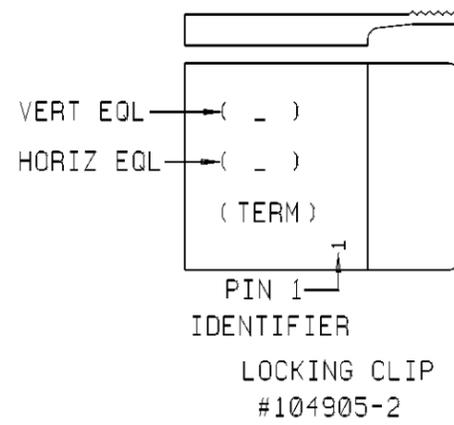
CONN POS 2

LOCKING CLIP

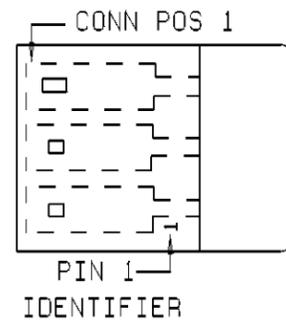
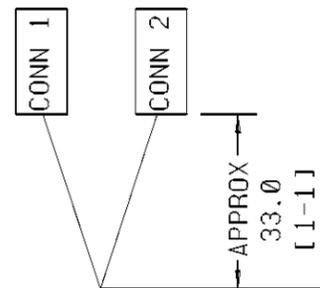
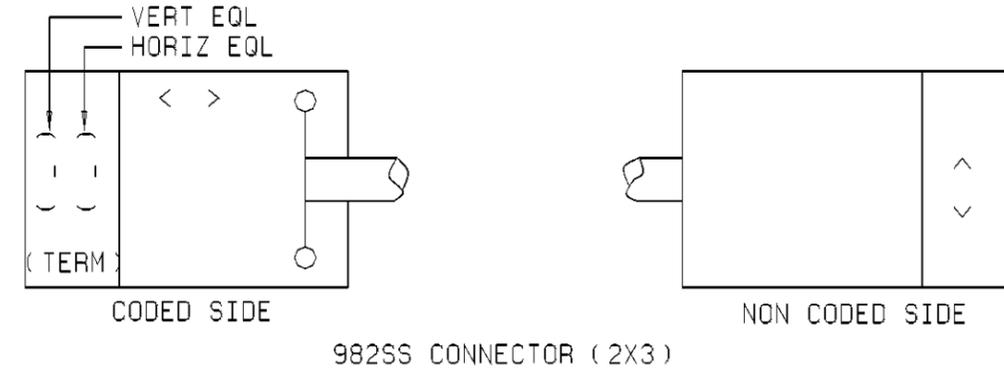


SEE PROPRIETARY NOTICE ON SHEET ONE		
CM2C POWER AND ALARM CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	6
AT&T	ED5D751-15	SHEET C5

STAMPING INFORMATION

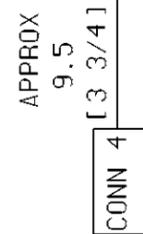
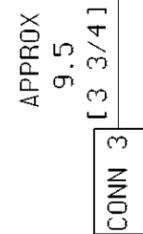


STAMPING INFORMATION



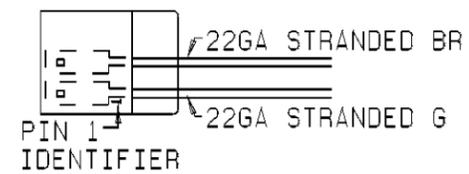
CONN POS 3			
982SS CONN			
TERMINALS			
R O W	A	B	C
A			
B	G	BR	

CONN POS 4			
982SS CONN			
TERMINALS			
R O W	A	B	C
A			
B	BL	O	



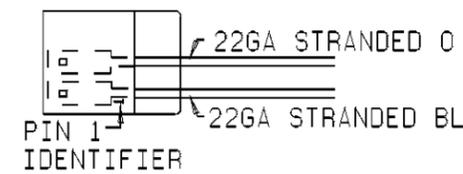
CONN POS 1

LOCKING CLIP



CONN POS 2

LOCKING CLIP



SEE PROPRIETARY NOTICE ON SHEET ONE

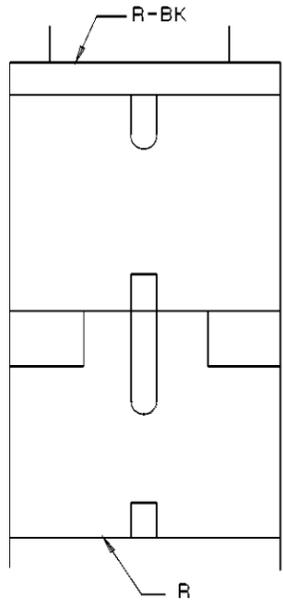
CM2C
POWER AND ALARM
CABLE ASSEMBLIES

DWG SIZE	ISSUE
C2	6

AT&T	ED5D751-15	SHEET
		C6

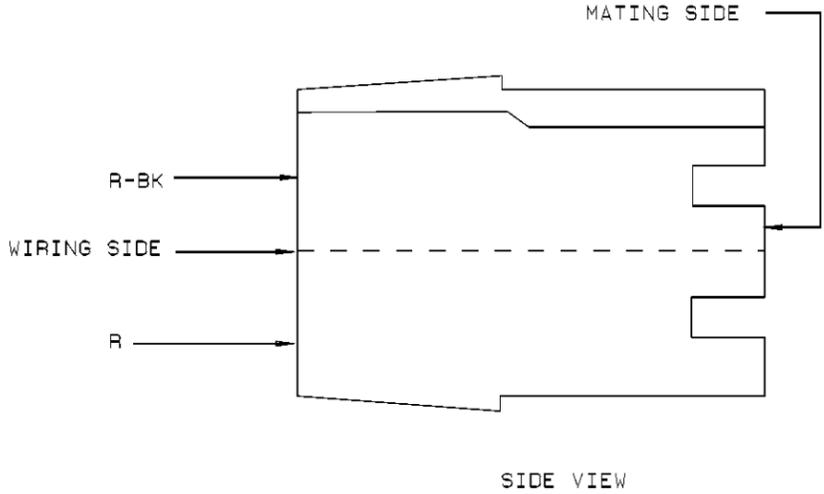
STAMPING INFORMATION

STAMPING TABLE								
GROUP	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
114C	1	68-030	106		3	36-143	054	
	2	68-030	103		4	36-008	145	
114D	1	68-034	106		3	45-143	054	
	2	68-034	103		4	45-008	145	
116C	1	68-030	106		3	45-143	054	
	2	68-030	103		4	45-008	145	
116D	1	68-034	106		3	53-143	054	
	2	68-034	103		4	53-008	145	
120C	1	68-039	106		3	62-096	145	
	2	68-039	103		4	62-008	145	



REAR VIEW
WIRING SIDE

GROUPS 114A, 114B, 116A, 116B, 120A
AMP POSITIVE-LOCK HOUSING
100100-1



SK. A
SEE NOTE 10

SEE PROPRIETARY NOTICE ON SHEET ONE		
CM2C POWER AND ALARM CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	5
AT&T	ED50751-15	SHEET C7

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1000	114A, 114B, 116A, 116B	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 8 FEET 0 INCH				
1005	114A, 114B, 116A, 116B	1	997114327	KS13385L1	WIRE 12GA STRANDED R/R-BK A DIMENSION = 8 FEET 0 INCH				
1010	114A, 114B, 116A, 116B	2	406918912		RECEPTACLE #41774 AMP INC.				
1015	114A, 114B, 116A, 116B	2	406919118		RECEPTACLE, FAST-ON #62428-3 AMP INC.				
1020	114A, 114B, 116A, 116B	4	900422494		TUBING, HEAT SHRINKABLE #RTS76 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP.				
1030	114A, 114B, 116A, 116B	2	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.				
1035	114A, 114B, 116A, 116B	2	406949610		RECEPTACLE, FAST-ON #790319-5 AMP INC.				
1040	114A, 114B, 116A, 116B	2	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.				
1050	114C, 114D, 116C, 116D	6	401814686		CONTACT #87124-1 AMP INC.				11
1060	114C, 114D, 116C, 116D	2	407031731		CLIP, LOCKING #104905-2 AMP INC.				
1070	114C, 114D, 116C, 116D	1	403429095	KS22247L4	WIRE 22GA STRANDED G A DIMENSION = 8 FEET 0 INCH				
1080	114C, 114D, 116C, 116D	1	403429079	KS22247L4	WIRE 22GA STRANDED BL A DIMENSION = 8 FEET 0 INCH				
1090	114C, 114D, 116C, 116D	1	403429087	KS22247L4	WIRE 22GA STRANDED O A DIMENSION = 8 FEET 0 INCH				
1100	114C, 114D, 116C, 116D	2	106197775	982SS	CONNECTOR, ELECTRICAL, ADAPTER 6 CONTACTS, FEMALE, RECTANGULAR				
1300	120A	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 7 FEET 0 INCH				
1310	120A	4	406918912		RECEPTACLE #41774 AMP INC.				
1320	120A	4	900422494		TUBING, HEAT SHRINKABLE #RTS76 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP.				
1330	120A	4	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.				
1340	120A	2	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.				

STOCKLIST CONTINUED ON SHEET D2

S H O P	I N S T	X X	MANUFACTURING NOTES		
			<p>1. A. ALL EVEN CABLE GROUPS OF EACH LTP IN A SM SHOULD BE FORMED TOGETHER AS ONE CABLE WHEN POSSIBLE. B. ALL ODD CABLE GROUPS OF EACH LTP IN A SM SHOULD BE FORMED TOGETHER AS ONE CABLE WHEN POSSIBLE.</p> <p>2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METRICS (CM). EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.</p> <p>3. DIMENSIONS 12 INCHES AND OVER ARE EXPRESSED IN FEET AND INCHES. ALL OTHER DIMENSIONS ARE IN INCHES.</p> <p>4. UNLESS OTHERWISE INDICATED SKIN LENGTH TO BE 8.6 {3 3/8} IN.</p> <p>5. ALL 12 & 16 GA WIRES, (FOR BOTH EVEN AND ODD GROUPS) SHALL HAVE A 0.6 {1/4} IN. SHINER AND A LUG CRIMPED ON.</p> <p>6. LUGS ARE TO BE EQUIPPED WITH HEAT SHRINKABLE TUBING. TUBING MUST COVER ENTIRE TERMINAL LUG. LUGS IN ARM 68 SHALL NOT HAVE HEAT SHRINKABLE TUBING.</p> <p>7. THE TOLERANCE APPLICABLE TO FORMED SECTIONS OF CABLES ON CABLE FORMING BOARD IS + OR - 0.3 {1/8} INCH FOR STITCH BREAKOUTS AND + OR - 0.6 {1/4} INCH FOR ARM, MAIN ARM AND SUBARM DIM AND BREAKOUTS. AFTER A CABLE IS REMOVED FROM A CABLE FORMING BOARD, THE TOLERANCE FOR STITCH LOCATION IS + OR - 0.6 {1/4} INCH AND TOLERANCE FOR ARM AND SUBARM MEASUREMENTS AND SPACING BETWEEN EACH OTHER IS + OR - 1.3 {1/2} INCH. THE OVERALL LENGTH TOLERANCE OF A MAIN ARM IS + OR - 2.5 {1} INCH. NOTE THAT FORMED DIMENSIONS ARE MEASURED IN THE SAME MANNER AS DIMENSIONS ARE SHOWN ON THE CABLE LAYOUT DRAWING.</p> <p>8. UNLESS OTHERWISE SPECIFIED THE SHINER LENGTH IS TO BE DETERMINED BY THE INDIVIDUAL MANUFACTURING LOCATION AND IS IN ADDITION TO THE SPECIFIED DIMENSIONS.</p> <p>9. <SWC> INDICATES SOLDERLESS WRAP CONNECTION.</p> <p>10. USE SK.A FOR PROPER INSERTION OF R,R-BK WIRE EQUIPPED WITH AMP #154718-4 OR #790319-5 TERMINAL INTO AMP #100100-1 CONNECTOR (LOCK HOUSING).</p> <p>11. CRIMP A #87124-1 CONTACT WITH A 22GA WIRE STD (KS22247,L4). CUT THE WIRE FLUSH AT THE STRAIN RELIEF AND INSERT INTO ALL UNEQUIPPED POSITIONS ON AMP MOD IV HOUSINGS #104858-1.</p> <p>12. REFER TO LOCAL MANUFACTURING DOCUMENTATION FOR SPECIFICS.</p>		

SEE PROPRIETARY NOTICE ON SHEET ONE

KT13

CM2C
POWER AND ALARM
CABLE ASSEMBLIES

DWG SIZE
C2

ISSUE
6

ED5D751-15

AT&T

ED5D751-15

SHEET D1
OF 10

PRINTED IN U.S.A.

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1400	120C	6	401814686		CONTACT #87124-1 AMP INC.			11
1410	120C	2	407031731		CLIP, LOCKING #104905-2 AMP INC.			
1420	120C	1	403429079	KS22247L4	WIRE 22GA STRANDED BL A DIMENSION = 5 FEET 0 INCH			
1430	120C	1	403429087	KS22247L4	WIRE 22GA STRANDED O A DIMENSION = 5 FEET 0 INCH			
1440	120C	1	403429095	KS22247L4	WIRE 22GA STRANDED G A DIMENSION = 5 FEET 0 INCH			
1450	120C	1	403429103	KS22247L4	WIRE 22GA STRANDED BR A DIMENSION = 5 FEET 0 INCH			
1460	120C	2	106197775	982SS	CONNECTOR, ELECTRICAL, ADAPTER 6 CONTACTS, FEMALE, RECTA NGULAR			

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

SEE PROPRIETARY NOTICE ON SHEET ONE

KT13

CM2C
POWER AND ALARM
CABLE ASSEMBLIES

DWG SIZE C2 ISSUE 6

ED5D751-15

AT&T

ED5D751-15

SHEET D2 OF 10

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