

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
ASSEMBLY & EQUIPMENT FOR ONE RESISTOR PANEL, (SEE NOTE 54). DA EFF:02/05/86 FE:J5D005AA-1,L2		DA	1	1 1 1	SD5D044-01 SD5D044-01 SD5D044-01	1 2 3					
ASSEMBLY AND EQUIPMENT FOR ONE RESISTOR PANEL. (SEE NOTES 54 AND 56). REPL:J5D005AA-1 L1 DA EFF:08/28/98 FE:J5D005AA-1,L2A	54 56	DA	2	1 1 4 4	SD5D044-01 SD5D044-01 ED5D064-30 ED5D065-30	(2) (3) 8 4		W N			
APPARATUS REQUIRED IN ADDITION TO LISTS 500 OR 500A FOR ONE RESISTOR PANEL. REPL:J5D005AA-1,L2	54 56 500		2A	1 1 4 4	SD5D044-01 SD5D044-01 ED5D064-30 ED5D065-30	(2) (3) 8 4		W N			
APPARATUS AND WIRING REQUIRED IN ADDITION TO LIST 2() OR 500A TO ADD GROUND REFERENCE CIRCUIT FOR PBX OFFICES.	500		3	1	SD5D044-01	5		K			
APPARATUS REQUIRED IN ADDITION TO LIST 2() OR 500A TO ADD CURRENT LIMITING RESISTORS FOR RSM. REPL:NONE	54 500		4	1 1	SD5D044-01 ED5D064-30	(3) 4		S			
ASSEMBLY AND EQUIPMENT FOR ONE RESISTOR PANEL. REPL:NONE DA EFF:02/28/00 RA:J5D005AA-1,L500A	54	DA	500		SD5D044-01					1	
ASSEMBLY AND EQUIPMENT FOR ONE RESISTOR PANEL. REPL:J5D005AA-1,L500	54		500A		SD5D044-01					1	
RESNET17 APPARATUS FOR GROUND REFERENCE CIRCUIT FOR PBX OFFICES, (982KC CONNECTOR). DA EFF:12/12/97 FE/RA:NONE	151 152	DA	501	1	SD5D044-01	5		K			
RESNET4 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (5110 OHMS) FOR RSM. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	502	1 1	SD5D044-01 ED5D064-30	(3) 4		S			
RESNET6 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (1110 OHMS)FOR BOARD TO BOARD TESTING. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	503	1 1	SD5D044-01 ED5D064-30	(3) 6		Q			
RESNET7 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (10 OHMS) TO PROVIDE BATTERY AND GROUND FOR THE RSM ALARM STATUS PANEL. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	504	1 1	SD5D044-01 ED5D064-30	(3) 7		P			
RESNET8 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (CALCULATED RESISTANCE). DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	505	1 1	SD5D044-01 ED5D064-30	(3) 8		N			
RESNET9 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (3160 OHMS)FOR BOARD TO BOARD TESTING. DA EFF:10/07/94 FE:J5D005AA-1,L507	152	DA	506	1 1	SD5D044-01 ED5D064-30	(3) 9		L			
RESNET10 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (4320 OHMS)FOR BOARD TO BOARD TESTING. REPL:J5D005AA-1 L506 DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	507	1 1	SD5D044-01 ED5D064-30	(3) 10		J			

TABLE-A CONTINUED

J5D005AA-1

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH PRACTICES- 800-820-000.
52. UNASSIGNED.
53. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
54. A RESISTOR NETWORK OR COMBINATION OF RESISTOR NETWORKS CROSS CONNECTED AT THE MDF SHALL LIMIT THE CURRENT FLOW THROUGH ITS ASSOCIATED SD POINT CLOSURE TO A MAXIMUM OF 50MA. THERE IS A 50 OHM RESISTOR ON THE SIGNAL DISTRIBUTE PACK WHICH IS IN SERIES WITH THE SD POINT CONTACT AND MUST BE TAKEN INTO CONSIDERATION WHEN SELECTING THE RESISTOR NETWORK. FOR TYPICAL CROSS CONNECTIONS BETWEEN RESISTOR PANEL, MSU SD POINT, EXTERNAL LOAD & MDF SEE SD-5D044-01 NOTES 304, 305,306, 307, 308, 309.
55. UNASSIGNED.
56. MINIMAL EQUIPAGE BASED ON A 12,000 LINE OFFICE WITH FOUR SWITCHING MODULES (SM'S), THIRTY LINE UNITS (LU'S) AND TWO MODULAR METALLIC SERVICE UNITS (MMSU'S). LARGER OFFICES MUST ORDER ADDITIONAL NETWORKS SEPARATELY, PER LISTS A,B OR C.
57. \$FOR ORDERING INDIVIDUAL RESISTOR NETWORK ASSEMBLIES, REFER TO: ED-5D064-30; ED-5D065-30; AND ED-5D197-30.\$
58. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATE HORIZONTALLY LINED OUT INFORMATION.
151. \$THIS LIST IS NOT GENERALLY AVAILABLE, BUT IS INTENDED TO SUPPORT FACTORY OFFLOADS FROM NETWORK SYSTEMS INTERNATIONAL (NSI) \$
152. IN TABLE A DESCRIPTIONS, INFORMATION WITHIN ** ** INDICATES THE FUNCTIONAL OBJECT ASSIGNED TO THAT ITEM.
499. FOR ORDERING INDIVIDUAL RESISTOR NETWORK ASSEMBLIES, REFER TO: ED-5D064-30; ED-5D065-30; AND ED-5D197-30.
500. THIS LIST MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
RESISTOR PANEL

DWG SIZE C2 ISSUE 20

LUCENT TECHNOLOGIES INC J5D005AA-1

SHEET A2 OF 6

TABLE A-FEATURES (CONTINUED)												
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	
RESNET11 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (3650 OHMS) FOR PAIR GAIN TEST CONT- ROLLER (PGTC). DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	508	1 1	SD5D044-01 ED5D064-30	(3) 11		H				
RESNET16 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (982HK CONNECTOR). REPL:J5D005AA-1 L515,516,517 DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	509	1 1	SD5D044-01 ED5D065-30	(2) 4		W				
RESNET15 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (982HL CONNECTOR). DA EFF:10/07/94 FE/RA:NONE	152	DA	510	1 1	SD5D044-01 ED5D197-30	(4) 1		M				
RESNET1 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (796 OHMS) FOR RSM. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	511	1 1	SD5D044-01 ED5D064-30	(3) 1		V				
RESNET2 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (402 OHMS) FOR RSM. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	512	1 1	SD5D044-01 ED5D064-30	(3) 2		U				
RESNET3 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (100 OHMS) FOR RSM. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	513	1 1	SD5D044-01 ED5D064-30	(3) 3		T				
RESNET5 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (649 OHMS) FOR RSM. DA EFF:12/12/97 FE/RA:NONE	54 151 152	DA	514	1 1	SD5D044-01 ED5D064-30	(3) 5		R				
RESNET12 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (796 OHMS). DA EFF:10/24/94 RA:J5D005AA-1,L509	152	DA	515	1 1	SD5D044-01 ED5D065-30	(2) 1		Z				
RESNET13 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (402 OHMS). DA EFF:10/24/94 RA:J5D005AA-1,L509	152	DA	516	1 1	SD5D044-01 ED5D065-30	(2) 2		Y				
RESNET14 APPARATUS FOR AUXILIARY CURRENT LIMITING RESISTOR NETWORK (100 OHMS). DA EFF:10/24/94 RA:J5D005AA-1,L509	152	DA	517	1 1	SD5D044-01 ED5D065-30	(2) 3		X				
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 OR 2 FOR ONE DIODE RESISTOR NETWORK TO PROVIDE A TERMINATION FOR PROTOCOL CIRCUIT TEST, (ONE PER METALLIC ACCESS PACK ON MTB 15). (SEE NOTE 54).		DA	A	1 1	SD5D044-01 ED5D197-30	(4) 1		M				
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 OR 2() OR 500A FOR TWO AUXILIARY CURRENT LIMITING RESISTOR NETWORKS TO PROVIDE BOARD TO BOARD TESTING, (ONE LIST B PER CIRCUIT).	54 500		B	1 1	SD5D044-01 ED5D064-30	(3) 6		Q,L				
TABLE-A CONTINUED												

TABLE A-FEATURES (CONTINUED)												
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	
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 OR 2() OR 500A FOR ONE AUXILIARY CURRENT LIMITING RESISTOR NETWORK TO FURNISH BATTERY AND GROUND FOR THE RSM ALARM STATUS PANEL.	54 500		C	1 8	SD5D044-01 ED5D064-30	(3) 7		P				
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 1. DA EFF:08/28/98 FE/RA:NONE		DA	D									
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST B.			E	1 1	SD5D044-01 ED5D064-30	(3) 10		OMIT L J				
APPARATUS REQUIRED IN ADDITION TO LIST 2() OR 500A TO ADD CURRENT LIMITING RESISTORS FOR PAIR GAIN TEST CONTROLLER. (PGTC)	500		F	1 1 1	SD5D044-01 ED5D064-30 ED5D064-30	(3) 6 11		H,Q				
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN NS CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE DA EFF:02/28/00 FE/RA:NONE	500	DA	F1									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN NS CABINET E/W A MODULAR FUSE/FILTER UNIT. REPL:NONE DA EFF:02/28/00 FE/RA:NONE	500	DA	F2									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN GLOBAL CABINET E/W A MODULAR FUSE/FILTER UNIT. REPL:NONE DA EFF:02/28/00 FE/RA:NONE	500	DA	F3									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN NS CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE	500		F4									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN NS CABINET E/W A MODULAR FUSE/FILTER UNIT. REPL:NONE	500		F5									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT RESISTOR PNL UNIT IN AN GLOBAL CABINET E/W A MODULAR FUSE/FILTER UNIT. REPL:NONE	500		F6									
END OF TABLE-A												

J5D005AA-1

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BT13

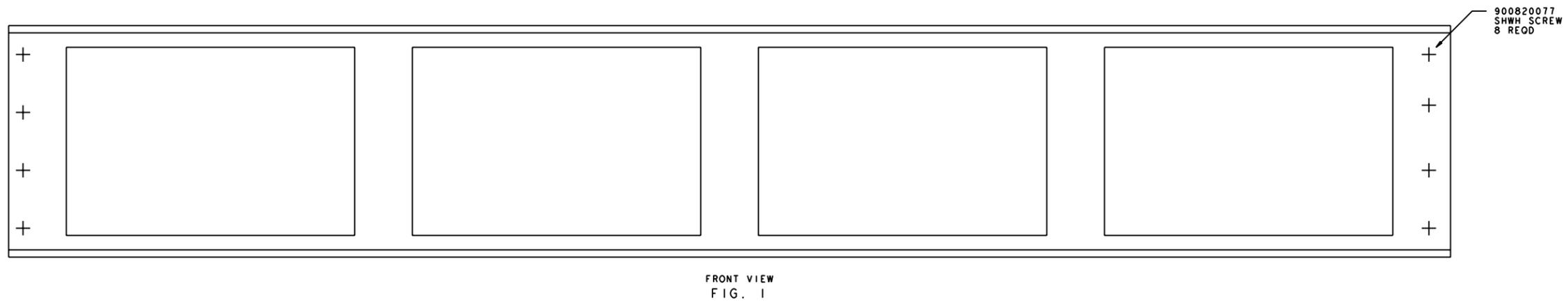
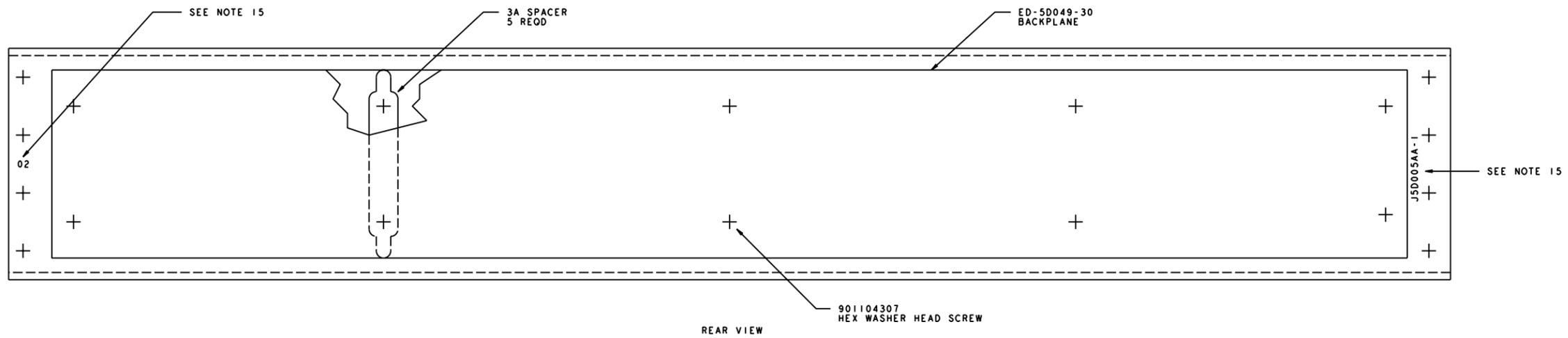
5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
RESISTOR PANEL

DWG SIZE C2 ISSUE 20

LUCENT TECHNOLOGIES INC J5D005AA-1

SHEET A3 OF 6

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PROJ-EGEDFORM.FRM-FEB-96

J5D005AA-1

FOR PROPRIETARY NOTICE SEE SHEET A1		
RESISTOR PANEL	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 19
LUCENT TECHNOLOGIES	J5D005AA-1	SHEET NO. B1
MODEL NAME		

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
5070	507	1	ED5D064-30,G10		NETWORK, AUX CURRENT LIMITING RES.			
5080	508	1	ED5D064-30,G11		NETWORK, AUX CURRENT LIMITING RES.			
5090	509	1	ED5D065-30,G4		NETWORK, AUX CURRENT LIMITING RES.			
5100	510	1	ED5D197-30,G1		ASSEMBLY, NETWORK			
5110	F1	1	847044195		KIT, FINAL ASSEMBLY			
5115	F4	1	848460093		KIT, FINAL ASSEMBLY			
5120	F2	1	847044187		KIT, FINAL ASSEMBLY			
5125	F5	1	848460085		KIT, FINAL ASSEMBLY			
5130	F3	1	847272234		KIT, FINAL ASSEMBLY			
5135	F6	1	848460077		KIT, FINAL ASSEMBLY			
5140	511	1	ED5D064-30,G1		NETWORK, AUX CURRENT LIMITING RES.			
5150	512	1	ED5D064-30,G2		NETWORK, AUX CURRENT LIMITING RES.			
5160	513	1	ED5D064-30,G3		NETWORK, AUX CURRENT LIMITING RES.			
5170	514	1	ED5D064-30,G5		NETWORK, AUX CURRENT LIMITING RES.			
5180	515	1	ED5D065-30,G1		NETWORK, AUX CURRENT LIMITING RES.			
5190	516	1	ED5D065-30,G2		NETWORK, AUX CURRENT LIMITING RES.			
5200	517	1	ED5D065-30,G3		NETWORK, AUX CURRENT LIMITING RES.			

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

TABLE AA

APP MTG	LOCATION	APP MTG	LOCATION	APP MTG	LOCATION
127C	02-008	100	127C	02-078	100
	013	100		083	100
	018	100		088	100
	023	100		098	100
	028	100		103	100
	033	100		108	100
	038	100		113	100
	043	100		118	100
	053	100		123	100
	058	100		128	100
	063	100		133	100
	068	100		143	100
	073	100		148	100

TABLE D1

STOCKLIST FOR FASKIT 847044195 ISS: 2W02 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
4	100203348	70C	FUSE AMP
4	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE
2	840852032		BAR, FRAME MOUNTING

*** CONTINUED ***

** CONTINUED **

TABLE D1

STOCKLIST FOR FASKIT 848460093 ISS: 1W00 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
4	100203348	70C	FUSE AMP
4	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH

STOCKLIST FOR FASKIT 847044187 ISS: 2W02 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
4	406747535	WP91768L108	FUSE, 3.0 A 250 V
2	840852032		BAR, FRAME MOUNTING
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH

STOCKLIST FOR FASKIT 848460085 ISS: 1W00 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
4	406747535	WP91768L108	FUSE, 3.0 A 250 V
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH

STOCKLIST FOR FASKIT 847272234 ISS: 2W02 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
4	406747535	WP91768L108	FUSE, 3.0 A 250 V
2	840852032		BAR, FRAME MOUNTING
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH

STOCKLIST FOR FASKIT 848460077 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
4	406747535	WP91768L108	FUSE, 3.0 A 250 V
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH