

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REL. TO PROD. PER E.O. 5613	1-12-9	<i>en</i>
B	Incorporated E.O. 3419	12-17-79	<i>en</i>

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DO NOT SCALE DRAWING	CONTRACT NO.		 Plessey Peripheral Systems		
SCREW THREADS PER HANDBOOK M-28	DRAWN	N. Glass <i>W</i> H-9			
COUNTERBORE AND SPOTFACE FILLET RADII TO BE .010 MAXIMUM	CHECK	N. Glass <i>W</i>			
REMOVE ALL BURRS AND BREAK SHARP EDGES EQUIVALENT TO .010R	DESIGN				
ROUGHNESS OF MACHINED SURFACES 125 PER USAS B46.1	PROJ. ENGR.	B. Perry <i>W</i>			
STANDARD HOLE TOLERANCE PER AND 103B7					
TOLERANCES ON XX ± .03 XXX ± .010 ANGLES ± 0° 30'			DRAWING TITLE: MAINTENANCE DRAWING PACKAGE		
INTERPRET DIMENSIONS AND TOLERANCES PER USAS Y14.5			PM-DL11W		
DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND FINISH	OTHER		SIZE	CODE IDENT NO.	DWG NO.
UNLESS OTHERWISE SPECIFIED	APPROVALS		B	52648	MD 701320
			SCALE:		SHEET 1 OF 16

**Products
Covered by this
Drawing Package**

PM-DL11W/C

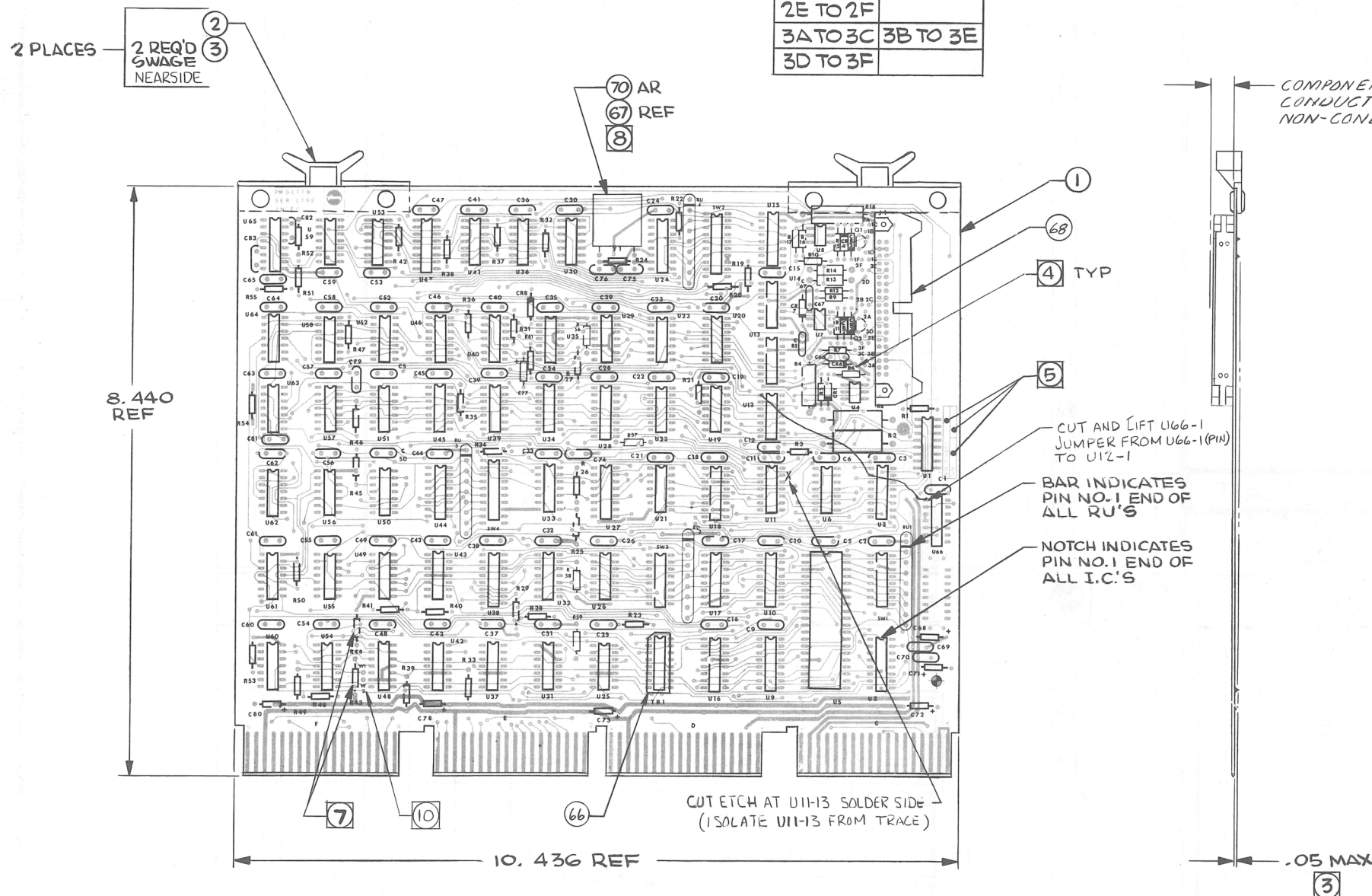


Plessey Peripheral Systems

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JUMPER CHART	
1A TO 1B	1C TO 1D
1E TO 1F	
2A TO 2B	2C TO 2D
2E TO 2F	
3A TO 3C	3B TO 3E
3D TO 3F	

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
/	-	REL TO PROD PER ERO 501038	1-31-77	gnd
/	A	REVISED PER EO 1394	4-26-77	Lat
/	B	REVISED AND REDRAWN PER EO 1423	4-26-77	Lat 10
/	C	INCRP E.O. 1481	68 6-29-77	Lat 913
/	D	INCRP E.O. 1503	48 7-17-77	Lat 10
/	E	INCRP E.O. 1534	18 9-21-77	Lat 10
/	F	INCRP E.O. 1732	LL 11-15-77	10 10
/	G	INCRP E.O. 1517	LL 4-11-78	Lat 10
/	H	INCRP E.O. 2224	LL 5-5-78	Lat 10
/	H	RECORD CHG. E.O. 2373	5-6-78	Lat 10



- 7 ITEMS 37,38, AND 40 SHALL BE MOUNTED FLUSH TO THE BOARD.
 - 8 BOND ITEM 67 TO ITEM 1 USING ITEM 70.
 - 7 NOT USED ON -100 ASSEMBLY.
 - 6 ITEMS 51, 60, 61 AND 67 MUST BE INSTALLED AND CLEANED WITH ALCOHOL ONLY AFTER ALL OTHER COMPONENTS HAVE BEEN INSTALLED AND CLEANED WITH FREON.
 - 5 MARK ASSEMBLY VERSION NUMBER, LATEST REVISION LETTER AND SERIAL NUMBER WITH .12 INCH HIGH CHARACTERS USING BLACK INK, PER MIL-M-13231, GROUP III, LOCATE APPROXIMATELY AS SHOWN.
 - 4 COMPONENT DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE COMPONENT.
 - 3 COMPONENT LEAD TRIM AND SOLDER BUILD-UP TO BE AS NOTED.
 - 2 FOR SCHEMATIC DIAGRAM SEE DRAWING SD701065.
 1. ASSEMBLE AND INSPECT PER WORKMANSHIP STANDARDS MANUAL.
- NOTES: UNLESS OTHERWISE SPECIFIED.
- 10 FOR -101 VERSION CUT TRACE (SOLDER SIDE) BETWEEN W1 & W2.

[illegible]

PARTS LIST		Plessey Microsystems				CODE IDENT NO.	PARTS LIST NO.	SH	REV
						52648	PL701065-100	5	D
QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	F I N O. D	S Y N	C/I USAGE	UNIT COST
1 EA	SN7411N	I.C.-TRIPLE 3-INPUT POS-AND GATES	TEXAS INSTR.	01295		27	A		
1 EA	DS1488	I.C.-QUAD LINE DRIVER-RS232	NAT L SEMI-CONDUCTOR	27014		28	A		
1 EA	DS1489	I.C.-QUAD LINE DRIVER-RS232	NAT L SEMI-CONDUCTOR	27014		29	A		
1 EA	SN74157	I.C.-QUAD 2 LINE TO 1 LINE DATA SELECTORS /MULTIPLEXERS	TEXAS INSTR.	01295		30	A		
1 EA	SN74123	I.C.-DUAL RETRIG MONO MULTI W/CLEAR	TEXAS INSTR.	01295		31	A		
2 EA	4702P	I.C.-PROGRAMMABLE BIT RATE GENERATOR	FAIRCHILD	07263		32	A		
3 EA	4N26	I.C.-OPTO ISOLATOR	FAIRCHILD	07263		33	A		
1 EA	COM 2017	I.C.-UART	SMC			34	A		
2 EA	RC07GF 563J	RESISTOR, 56K, $\pm 5\%$, 1/4W	MIL-R-11			35	A		
1 EA	RC07GF 243J	RESISTOR, 24K, $\pm 5\%$, 1/4W	MIL-R-11			36	A		
1 EA	RC42GF 151J	RESISTOR, 150, $\pm 5\%$, 2W	MIL-R-11			37	A		
2 EA	RC42GF 391J	RESISTOR, 390, $\pm 5\%$, 2W	MIL-R-11			38	A		
2 EA	RC20GF 102J	RESISTOR, 1K, $\pm 5\%$, 1/2W	MIL-R-11			39	A		

PARTS LIST		Plessey Microsystems				CODE IDENT NO.	PARTS LIST NO.	SH	REV
						52648	PL701065-100	6	D
QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	F I N O. D	S Y N	C/I USAGE	UNIT COST
1 EA	RC32GF 511J	RESISTOR, 510, $\pm 5\%$, 1W	MIL-R-11			40	A		
2 EA	RC07GF 470J	RESISTOR, 47, $\pm 5\%$, 1/4W	MIL-R-11			41	A		
2 EA	RC07GF 301J	RESISTOR, 300, $\pm 5\%$, 1/4W	MIL-R-11			42	A		
1 EA	RC07GF 683J	RESISTOR, 68K, $\pm 5\%$, 1/4W	MIL-R-11			43	A		
2 EA	RC07GF101J	RESISTOR, 100, $\pm 5\%$, 1/4W	MIL-R-11			44	A		
7 EA	RC07GF181J	RESISTOR, 180, $\pm 5\%$, 1/4W	MIL-R-11			45	A		
2 EA	RC07GF391J	RESISTOR, 390, $\pm 5\%$, 1/4W	MIL-R-11			46	A		
26 EA	RC07GF102J	RESISTOR, 1K, $\pm 5\%$, 1/4W	MIL-R-11			47	A		
1 EA	RC07GF331J	RESISTOR, 330, $\pm 5\%$, 1/4W	MIL-R-11			48	A		
1 EA	RC07GF 106J	RESISTOR, 10M, $\pm 5\%$, 1/4W	MIL-R-11			49	A		
2 EA	RC07GF 103J	RESISTOR, 10K, $\pm 5\%$, 1/4W	MIL-R-11			50	A		
4 EA	100013 L003	RESISTOR MODULE				51	C		
2 EA	1N4742	DIODE, ZENER, 12V	MOTOROLA	04713		52	A		

PARTS LIST		Plessey Microsystems				CODE IDENT NO.	PARTS LIST NO.	SH	REV
						52648	PL701065-100	7	A
QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	F I N O. D	S Y N	C/I USAGE	UNIT COST
3 EA	1N4001	LOW-CURRENT RECTIFIER	MOTOROLA	04713		53	A		
2 EA	1N5297	DIODE	MOTOROLA	04713		54	A		
63 EA	C089B 160E103Z	CAPACITOR, .01 μ F, $\pm 20\%$, 16V	SPRAGUE	05571		55	A		
3 EA	CD15FD 471J03	CAPACITOR, 470pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		56	A		
3 EA	CSR/3E 225KL	CAPACITOR, 2.2 μ F, $\pm 20\%$, 20V	SPRAGUE	05571		57	A		
2 EA	CD15FD 560J03	CAPACITOR, 56pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		58	A		
4 EA	150D475 X0010AZ	CAPACITOR, 4.7 μ F, $\pm 20\%$, 10V	SPRAGUE	05571		59	A		
2 EA	CTS 206-8	SWITCH-8-POSITION BIT	CTS	75378		60	A		
2 EA	CTS 206-10	SWITCH-10 POSITION BIT	CTS	75378		61	A		
2 EA	MPSA93	TRANSISTOR	MOTOROLA	04713		62	A		
2 EA	CD15FD 151J03	CAPACITOR, 150pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		63	A		
1 EA	RC07GF 151J	RESISTOR, 150, $\pm 5\%$, 1/4W	MIL-R-11			64	A		
1 EA	138000 -001	DIODE, HIGH CONDUCTANCE				65	C		

PARTS LIST		Plessey Microsystems				CODE IDENT NO.	PARTS LIST NO.	SH	REV
						52648	PL701065-100	8	B
QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	F I N O. D	S Y N	C/I USAGE	UNIT COST
1 EA	700066 -195	STRAPPING PLUG				66	B		
1 EA	MP-024	2.4576 MC CRYSTAL	CTS	75378		67	A		
1 EA	3432 -1002	CONNECTOR	3M	26066		68	A		
12 IN	5951	WIRE/30AWG SOLID KYNAR INSUL.COLOR OPTIONAL	ALPHA WIRE	23172		69	G		
REF	738	RTV	DOW CORNING	71984		70	G		
1 EA	CD15FC 681J03	CAPACITOR, 680pF, $\pm 5\%$, 300V	CORNELL DUBILIER	93790		71	A		
1 EA	US-2-16 -110-G-B	DIP SOCKET, 16 PIN	SCANBE			72	A		

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SIZE **B** SCALE
CODE IDENT NO. 52648
DWG NO. PL 701065-100
REV D
SHEET 2 OF 2

PARTS LIST		Plessey Microsystems		CODE IDENT NO. 52648	PARTS LIST NO. PL701065-101	SH 5	REV LTR A					
QTY REQD P/M	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	F I N O. D	S Y H	C/I USAGE				
								C/I CODE	TRY OR HAND	P A R	UNIT COST	
1	EA	SN7411N	I.C.-TRIPLE 3-INPUT POS-AND GATES	TEXAS INSTR.	01295		27	A				
1	EA	DS1488	I.C.-QUAD LINE DRIVER-RS232	NAT'L SEMI-CONDUCTOR	27014		28	A				
1	EA	DS1489	I.C.-QUAD LINE DRIVER-RS232	NAT'L SEMI-CONDUCTOR	27014		29	A				
1	EA	SN74157	I.C.-QUAD 2 LINE TO 1 LINE DATA SELECTORS /MULTIPLEXERS	TEXAS INSTR.	01295		30	A				
1	EA	SN74123	I.C.-DUAL RETRIG MONO MULTI W/CLEAR	TEXAS INSTR.	01295		31	A				
2	EA	4702P	I.C.-PROGRAMMABLE BIT RATE GENERATOR	FAIRCHILD	07263		32	A				
3	EA	4N26	I.C.-OPTO ISOLATOR	FAIRCHILD	07263		33	A				
1	EA	COM 2017	I.C.-U ART	SMC			34	A				
2	EA	RC07GF 563J	RESISTOR, 56K, ±5%, 1/4W	MIL-R-11			35	A				
1	EA	RC07GF 243J	24K, ±5%, 1/4W	MIL-R-11			36	A				
9	EA	RC42GF 151J	150, ±5%, 2W	MIL-R-11			37	A				
9	EA	RC42GF 391J	390, ±5%, 2W	MIL-R-11			38	A				
2	EA	RC20GF 102J	RESISTOR, 1K, ±5%, 1/2W	MIL-R-11			39	A				

PARTS LIST			Plessey Microsystems		CODE IDENT NO.	PARTS LIST NO.	SH	REV				
					52648	PL701065-101	6	A				
QTY REQD	NOTE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	FINO	SYN	C/I USAGE			
									C/I CODE	INT ON HAND	P A R	UNIT COST
1	9	RC32GF 511J	RESISTOR, 510, $\pm 5\%$, 1W	MIL-R-11			40	A				
2		RC07GF 470J	RESISTOR, 47, $\pm 5\%$, 1/4W	MIL-R-11			41	A				
2		RC07GF 301J	RESISTOR, 300, $\pm 5\%$, 1/4W	MIL-R-11			42	A				
1		RC07GF 683J	RESISTOR, 68K, $\pm 5\%$, 1/4W	MIL-R-11			43	A				
2		RC07GF101J	RESISTOR, 100 Ω , $\pm 5\%$, 1/4W	MIL-R-11			44	A				
7		RC07GF181J	RESISTOR, 180 Ω , $\pm 5\%$, 1/4W	MIL-R-11			45	A				
2		RC07GF391J	RESISTOR, 390 Ω , $\pm 5\%$, 1/4W	MIL-R-11			46	A				
26		RC07GF102J	RESISTOR, 1K, $\pm 5\%$, 1/4W	MIL-R-11			47	A				
1		RC07GF331J	RESISTOR, 330 $\pm 5\%$, 1/4W	MIL-R-11			48	A				
1		RC07GF 106J	RESISTOR, 10M, $\pm 5\%$, 1/4W	MIL-R-11			49	A				
2		RC07GF 103J	RESISTOR, 10K, $\pm 5\%$, 1/4W	MIL-R-11			50	A				
4	6	100013-003	RESISTOR MODULE				51	C				
2		1N4742	DIODE, ZENER, 12V	MOTOROLA	04713		52	A				

PARTS LIST		Plessey Microsystems		CODE IDENT NO. 52648	PARTS LIST NO. PL701065-101	SH 7	REV LTR A					
QTY REQD	NOTE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	FINO	SYM	C/I USAGE			
									C/I CODE	INV ON HAND	PAR	UNIT COST
3	EA	1N4001	LOW-CURRENT RECTIFIER	MOTOROLA	84713		53	A				
2	EA	1N5297	DIODE	MOTOROLA	84713		54	A				
63	EA	C069B 160E103Z	CAPACITOR, .01 μ f, $\pm 30\%$, 16V	SPRAGUE	05571		55	A				
3	EA	CD15FD 471J03	CAPACITOR, 470 pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		56	A				
3	EA	CSR13E 225KL	CAPACITOR, 2.2 μ f, $\pm 20\%$, 20V	SPRAGUE	05571		57	A				
2	EA	CD15FD 560J03	CAPACITOR, 56 pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		58	A				
4	EA	150D475 X0010AZ	CAPACITOR, 4.7 μ f, $\pm 20\%$, 10V	SPRAGUE	05571		59	A				
6	EA	CTS 206-8	SWITCH-8-POSITION BIT	CTS	75378		60	A				
6	EA	CTS 206-10	SWITCH-10 POSITION BIT	CTS	75378		61	A				
2	EA	MPSA93	TRANSISTOR	MOTOROLA	04713		62	A				
2	EA	CD15FD 151J03	CAPACITOR, 150 pF, $\pm 5\%$, 500V	CORNELL DUBILIER	93790		63	A				
1	EA	RC07GF 151J	RESISTOR, 150, $\pm 5\%$, 1/4W	MIL-R-11			64	A				
1	EA	138000 -001	DIODE, HIGH CONDUCTANCE				65	C				

PARTS LIST			Plessey Microsystems			CODE IDENT NO. 52648	PARTS LIST NO. PL701065-101	SH 8	REV LTR A			
QTY REQD	NOTE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ZONE	FIN D	SY H	C/I USAGE			
									C/I CODE	TRY ON HAND	P A R	UNIT COST
1	EA	700066-195	STRAPPING PLUG					66B				
1	EA	MP-024	2.4576 MC CRYSTAL	CTS	75378			67A				
1	EA	3432-1002	CONNECTOR	3M	26066			68A				
12	IN	5951	WIRE/30AWG SOLID KYNAR INSUL.COLOR OPTIONAL	ALPHA WIRE	23172			69G				
	REF	738	RTV	DOW CORNING	71984			70G				
1	EA	CD15 FC 681J03	CAPACITOR, 680pf, ±5%, 300 V	CORNELL DUBILIER	93790			71A				
1	EA	US-2-16-110-G-B	DIP SOCKET, 16 PIN	SCANBE				72A				
					</							

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SIZE **B** CODE IDENT NO. 52648 DWG NO. PL 701065-101

SCALE

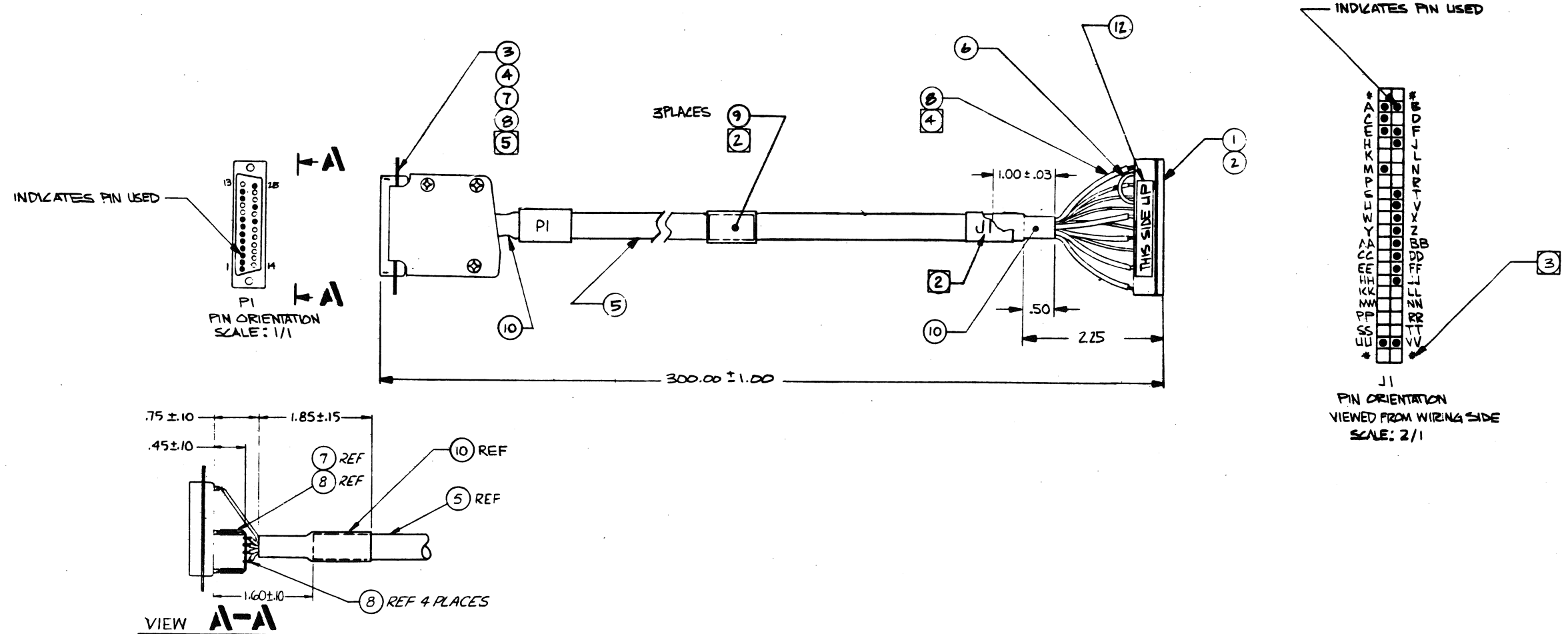
REV

A

SHEET 2 OF 2

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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		REL TO PROD PER ERO 501449	8-11-77	
B		INCORP EO 1599	11-15-77	
C		INCORP EO 2074	5-15-78	
D		INCORP EO 2322	5-27-78	
E		INCORP EO 2911	3-6-79	
F		INCORP EO 3044	5-10-79	



7. WIRE PER WIRE LIST ITEM 13.
- 6 ALL REMAINING SPARE WIRES ON P1 AND J1 END OF CABLE ARE TO BE CUT OFF AT END OF CABLE JACKET.
- 5 ALL SHIELD WIRES TERMINATED ON P1 END OF CABLE MUST EACH BE ENCLOSED WITH ITEM 8 (TEFLON TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ATTACH TO ITEM 7 (BUS WIRE).
- 4 SHIELD WIRES ON J1 END OF CABLE MUST EACH BE ENCLOSED WITH ITEM 8 (TEFLON TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER J1 CONNECTOR.
- 3 * INDICATES CAVITIES NOT USED, OR NOT DESIGNATED BY LETTERS.
- 2 MARK ASSEMBLY NUMBER, LATEST REVISION LETTER AND REFERENCE DESIGNATION, WITH .12 HIGH CHARACTERS USING BLACK INK PER MIL-M-13231, GROUP III. LOCATE APPROXIMATELY AS SHOWN.
- 1 ASSEMBLE AND INSPECT PER WORKMANSHIP STANDARDS MANUAL.
- NOTES: UNLESS OTHERWISE SPECIFIED.

PRODUCTION RELEASE

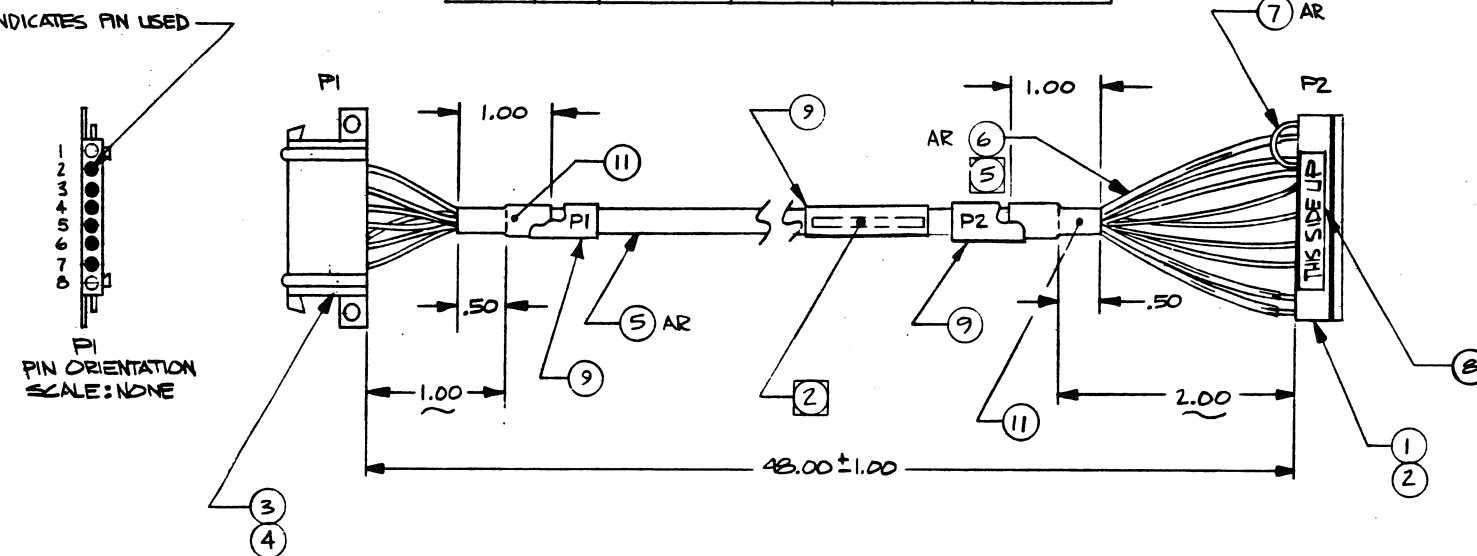
PART/ASSY NO. & QTY PER ASSY		CONTRACT NO.	
PART/ASSY REV LTR		DRAWN KDVACS 5-23-77	
PART/ASSY NO. & QTY PER ASSY		CHECKED 2-18-77	
PART/ASSY NO. & QTY PER ASSY		ENGR	
PART/ASSY NO. & QTY PER ASSY		PROJ. ENGR 2-12-77	
PART/ASSY NO. & QTY PER ASSY		PROD. DESIGN	
PART/ASSY NO. & QTY PER ASSY		OTHER	
PART/ASSY NO. & QTY PER ASSY		APPROVALS	
PART/ASSY NO. & QTY PER ASSY		DWG TITLE	
PART/ASSY NO. & QTY PER ASSY		CABLE ASSEMBLY, RS-232 INTERFACE, PM-DLIW	
PART/ASSY NO. & QTY PER ASSY		SIZE CODE IDENT NO. DWG NO.	
PART/ASSY NO. & QTY PER ASSY		D 52648 70116	
PART/ASSY NO. & QTY PER ASSY		SCALE: 1/1 SHEET 1 OF 1	
PART/ASSY NO. & QTY PER ASSY		DISTR NO. 123470 1C	

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WIRE CHART					
ITEM NO.	DESCRIPTION		PAIR NO.	FROM	TO
	AWG	COLOR		CONNECTION	CONNECTION
5	22	BLACK	1	P1-2	P2-KK
5	22	RED		P1-3	P2-S
5,6	22	SHIELD		(3)	P2-A (3)
5	22	BLACK	2	P1-4	P2-EE
5	22	WHITE		P1-5	P2-AA
5,6	22	SHIELD		(3)	P2-UU (3)
5	22	BLACK	3	P1-6	P2-PP
5	22	GREEN		P1-7	P2-K
5,6	22	SHIELD		(3)	P2-VV (3)
7	22	BLACK	-	P2-E	P2-H

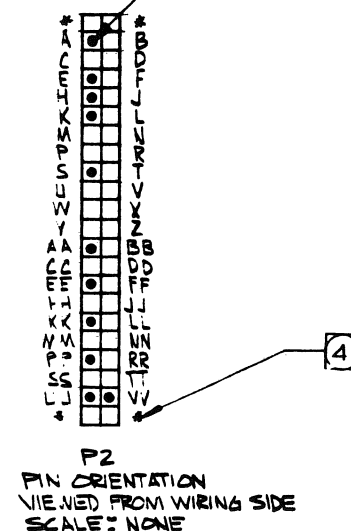
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
/	A	EEL TO PROD PER EO 2685	11-8-78	<i>[Signature]</i>
/	B	INCORP EO 3044	5-10-79	<i>[Signature]</i>
/	C	INCORP EO 3159	7-17-79	<i>[Signature]</i>

INDICATES PIN USED



P1
PIN ORIENTATION
SCALE: NONE

INDICATES PIN USED



P2
PIN ORIENTATION
VIEWED FROM WIRING SIDE
SCALE: NONE

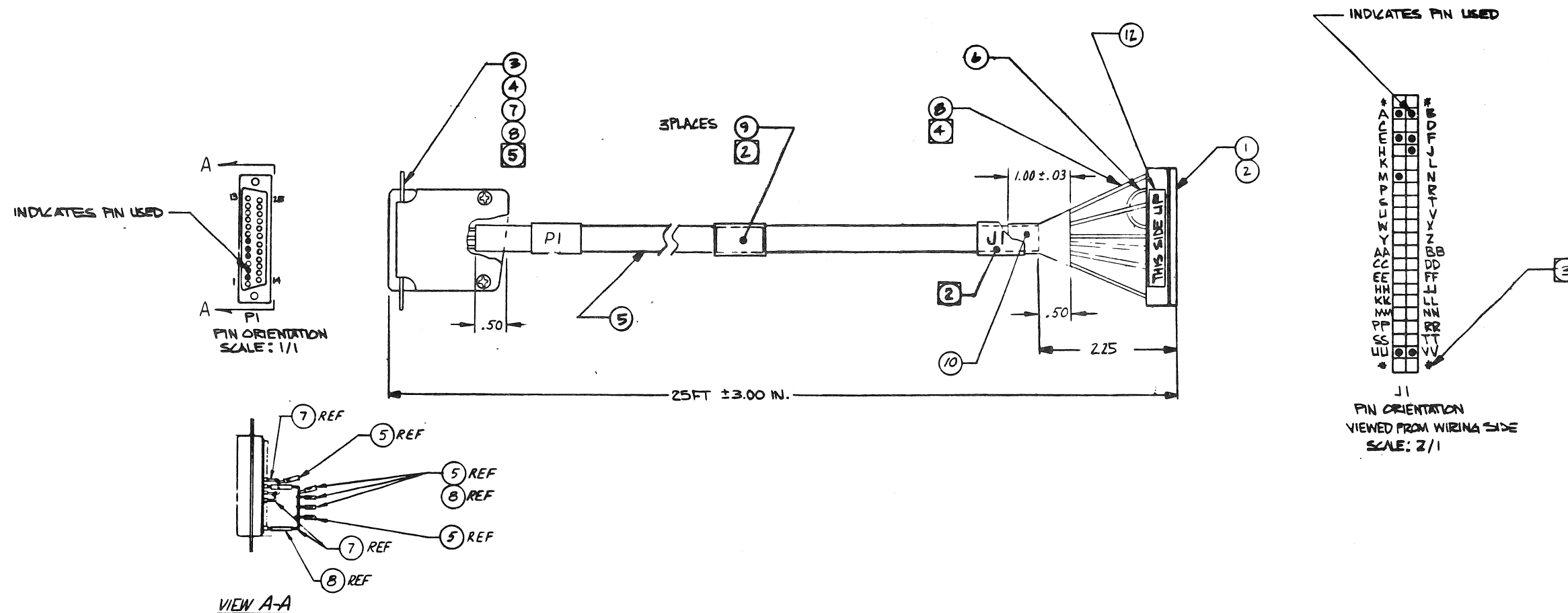
PRODUCTION RELEASE

- (5) DRAIN WIRES ON P2 END OF CABLE TO BE EACH ENCLOSED WITH ITEM 6 (TEFLON TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER P2 CONNECTOR.
- (4) * INDICATES CAVITIES NOT USED, OR NOT DESIGNATED BY LETTERS
- (3) DRAIN WIRES TO BE CUT BACK TO OUTER INSULATION ON P1 END OF CABLE ONLY. SHIELDS TO BE CUT BACK TO OUTER INSULATION ON BOTH ENDS OF CABLES.
- (2) MARK ASSEMBLY NUMBER, ASSEMBLY VERSION NUMBER, AND LATEST REVISION LETTER, WITH .12 HIGH CHARACTERS USING BLACK INK PER MIL-M-13231, GROUP III. LOCATE APPROXIMATELY AS SHOWN.
1. ASSEMBLE AND INSPECT PER WORKMANSHIP STANDARDS MANUAL.
- NOTES: UNLESS OTHERWISE SPECIFIED.

PART/ASSY NO. & QTY PER ASSY		CONTRACT NO.		DWG TITLE	
PART/ASSY REV LTR		DRAWN <i>KDVALS</i> <i>10FESTI</i>		CABLE ASSEMBLY, PM-DL11W TO CURRENT LOOP	
CHECK <i>T. Halsey</i> <i>2-18-77</i>		ENGR		SIZE CODE IDENT NO. DWG NO.	
PROJ. ENGR <i>P. J. For</i> <i>2-18-77</i>		PROD. DESIGN <i>B. J. L.</i> <i>3-10-77</i>		D 52648 701117	
OTHER <i>10-2-79</i> <i>11-2-79</i>		APPROVALS		SCALE: 1 DISTR NO. 12347012	
APPLICATION		DO NOT SCALE DRAWING		SHEET 1 OF 1	
PART NO. NEXT ASSY USED ON		SCREW THREADS PER HANDBOOK H-88		Plessey Microsystems	
APPLICATION		COUNTERBORE AND SPOTFACE FILLET RADI TO BE .015 MAXIMUM		DWG NO. 701117	
APPLICATION		REMOVE ALL BURRS AND BREAK SHARP EDGES EQUIVALENT TO .015		DISTR NO. 12347012	
APPLICATION		ROUGHNESS OF MACHINED SURFACES 125/ PER USAS 54.1		DISTR NO. 12347012	
APPLICATION		STANDARD HOLE TOLERANCE PER AMS 1002		DISTR NO. 12347012	
APPLICATION		TOLERANCES ON: .XX ± .01 .XX ± .02 .XX ± .03		DISTR NO. 12347012	
APPLICATION		ANGLES ± .01 90°		DISTR NO. 12347012	
APPLICATION		INTERPRET DIMENSIONS AND TOLERANCES PER USAS 113.3		DISTR NO. 12347012	
APPLICATION		DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND FINISH		DISTR NO. 12347012	
APPLICATION		UNLESS OTHERWISE SPECIFIED		DISTR NO. 12347012	

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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
A		REL TO PROD PER EO 2414		
B		INCORP EO 2862	1-30-79	
C		INCORP EO 3044	5-10-79	



7. WIRE PER WIRE LIST ITEM 13.
- 6 ALL REMAINING SPARE WIRES ON P1 AND J1 END OF CABLE ARE TO BE CUT OFF AT END OF CABLE JACKET.
- 5 ALL SHIELD WIRES TERMINATED ON P1 END OF CABLE MUST EACH BE ENCLOSED WITH ITEM 8 (TEFLON TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ATTACH TO ITEM 7 (BUSS WIRE).
- 4 SHIELD WIRES ON J1 END OF CABLE MUST EACH BE ENCLOSED WITH ITEM 8 (TEFLON TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER J1 CONNECTOR.
- 3 # INDICATES CAVITIES NOT USED, OR NOT DESIGNATED BY LETTERS.
- 2 MARK ASSEMBLY NUMBER, LATEST REVISION LETTER NO REFERENCE DESIGNATION, WITH .12 HIGH CHARACTERS USING BLACK INK PER MIL-M-13231, GROUP III. LOCATE APPROXIMATELY AS SHOWN.

1. ASSEMBLE AND INSPECT PER WORKMANSHIP STANDARDS MANUAL.

NOTES: UNLESS OTHERWISE SPECIFIED

PRODUCTION RELEASE

PART/ASSY NO. & QTY PER ASSY		DO NOT SCALE DRAWING		CONTRACT NO.	
PART/ASSY REV LTR		SCREW THREADS PER HANDBOOK HSB		DRAWN	
PART NO.		QUANTITIES AND SPOTFACE FILLET RADI TO BE .005 MAXIMUM		CHECK	
NEXT ASSY		REMOVE ALL BURRS AND BREAK SHARP EDGES EQUIVALENT TO .005		ENGR	
USED ON		ROUNDED OFF OF MACHINED SURFACES .005 PER USAS 846.1		PROJ. ENGR	
APPLICATION		STANDARD HOLE TOLERANCE PER ASME B92.1		PROD. DESIGN	
		TOLERANCES ON .005 & .005 .005 & .005 ANGLES ± 2° OF 90°		OTHER APPROVALS	
		INTERPRET DIMENSIONS AND TOLERANCES PER USAS Y14.3			
		DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND FINISH UNLESS OTHERWISE SPECIFIED			
				DWG TITLE	
				CABLE ASSEMBLY, TERMINAL INTERFACE	
				SIZE CODE IDENT NO. DWG NO.	
				D 5264B 701239	
				SCALE: 1/1	
				SHEET 1 OF 1	
				DISTR NO. 63101C	

[illegible]

NOTES:

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	A	52648	WL701239
	SCALE	NONE	REV A
			SHEET 2

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	B	52648	WL 701239
	SCALE	REV	SHEET
		B	1 of 1

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REVISIONS			
ZONE	LTR	DESCRIPTION	DATE
		REL TO PROD PER E20501038	1-28-77
A		INCORP EO 1394	5-16-77
B		INCORP EO 2224	5-5-78
C		INCORP EO 2854	1-30-79

REF DES NOT USED

C4, C708	CAPACITOR
C8, C13, C14, C27	
R23, R30, R60	
	RESISTOR

REF DES	GATES USED PER TOTAL	PART NUMBER
U11	2/3	7411
U20	2/6	74H04
U34	2/4	136000
U43	3/4	136021
U58	1/2	74H74

LAST REF DESIGNATION USED

CAPACITOR	C85
DIODE	CR8
TRANSISTOR	Q2
RESISTOR	R61
RES MODULE	RU4
SWITCH MODULE	SW4
INTEGRATED CIRCUIT	U66
CRYSTAL	Y1

SIDE 2		SIDE 1	
BD06L	V		
BD02L	U	+15V	
BD03L	T	φV	
BD00L	S		
BD01L	R		
BD05L	P		
BD04L	N		
BD07L	M		
BD08L	L		
BD09L	K		
BD10L	J		
BD12L	H	DB11L	
BD13L	F		
BD14L	E		
BD15L	D	LTC	
φV	C		
+5V	B	BNPG OUT L	
	A	BNPG IN L	
SIDE 2		SIDE 1	
BGINH	V		
BGOUTH	U		
BBG4OUTH	T	φV	
BBG4INH	S		
BBG5OUTH	R		
BBG5INH	P		
BBG6OUTH	N		
BBG6INH	M		
BBG7OUTH	L	BINITL	
BBG7INH	K		
BGINH	J		
BBR4L	H		
BBR5L	F		
BBR6L	E		
BBR7L	D		
φV	C		
-15V	B		
+5V	A		

SIDE 2		SIDE 1	
BA03L	V	BA05L	
BA04L	U	BA06L	
	T	φV	
	S		
	R	BA09L	
BA07L	P	BA10L	
BA08L	N		
	M		
	L	BA11L	
BA13L	K	BA14L	
	J	BSSYNL	
BA00L	H	BA01L	
BC01L	F	BA02L	
BA16L	E	BM SYNL	
BA15L	D	BA17L	
φV	C	BA12L	
+5V	B		
	A		
SIDE 2		SIDE 1	
	V		
B SACK L	U	φV	
	S		
	R		
	P		
	N		
	M	B INTR L	
	L		
	K		
	J	B NPRL	
	H		
	F		
	E		
	D	BB SYL	
φV	C		
+5V	B	BGINH	
	A		

NOT USED ON -100 ASSY

SIGNALS LISTED ARE FOR THIS ASSY ONLY.

DESIGNATIONS SHOWN IN PARENTHESES (2/A1) INDICATES WHERE SIGNAL ORIGINATES OR TERMINATES.

ZONE DESIGNATION
SHEET NUMBER

SIGNALS SHOWN IN RECTANGLE

AA1 ARE I/O CONNECTIONS.

BOARD SIDE
PIN DESIGNATION
CONNECTOR DESIGNATION

FOR ASSEMBLY DWG SEE SK701065-100.

ALL CAPACITORS ARE .01μF, ±20%, 16V.

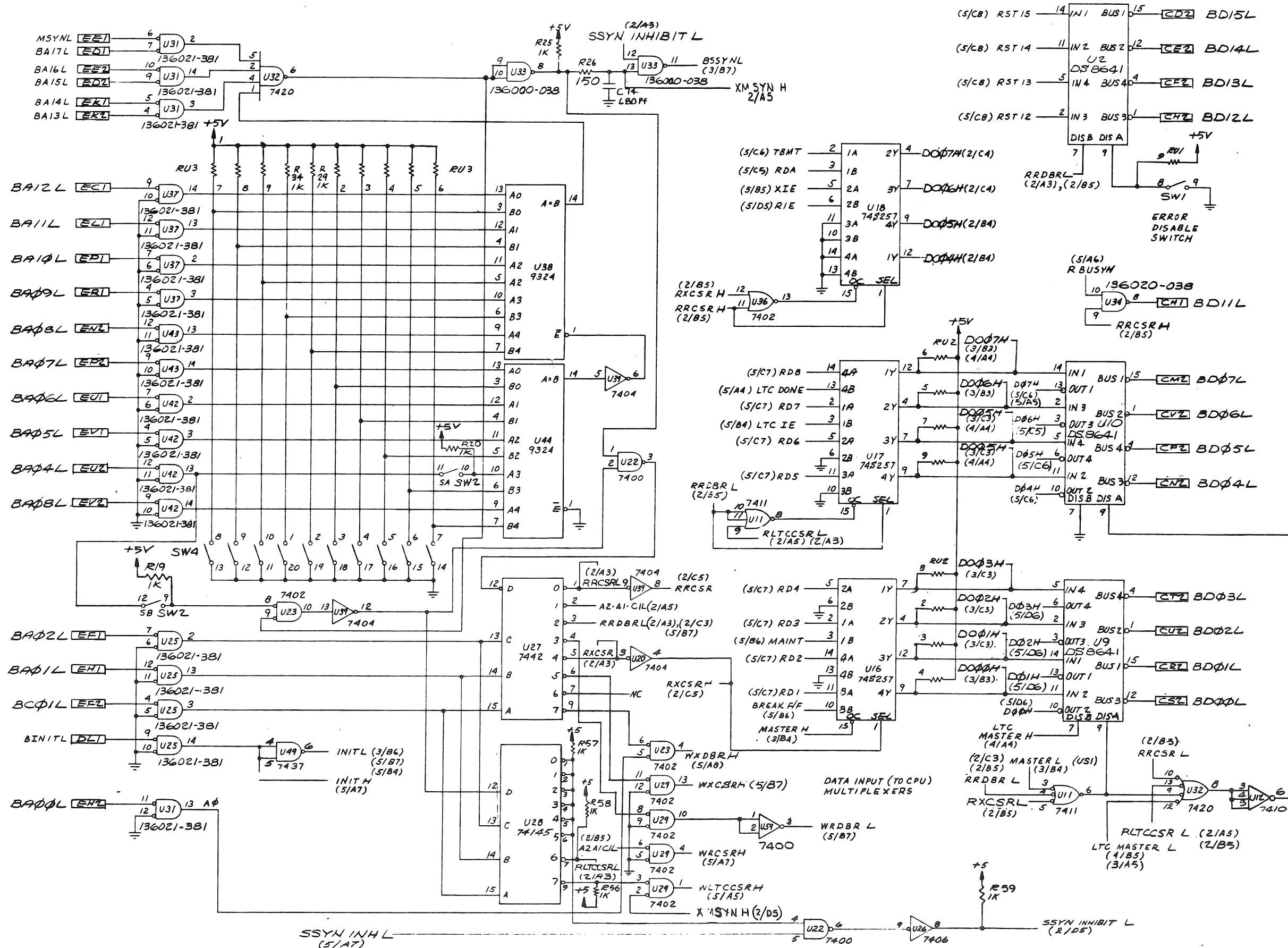
ALL RESISTORS IN OHMS, 1/4W, ±5%.

NOTES: UNLESS OTHERWISE SPECIFIED

FOR -101 VERSION, NO CONNECTION BETWEEN W1 & W2.

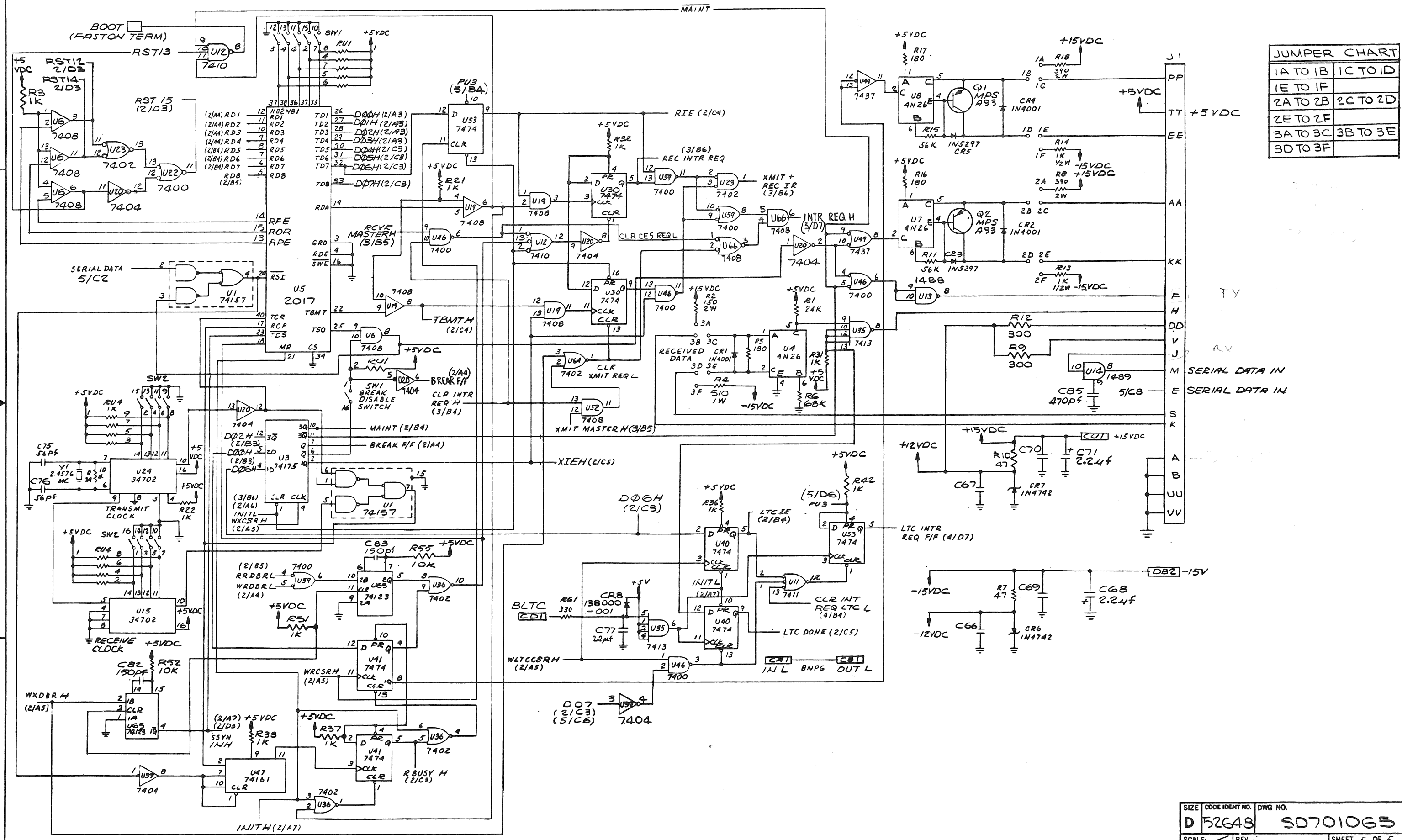
PRODUCTION RELEASE

PART/ASSY NO. & QTY PER ASSY		NOTE PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION / MATERIAL		SPEC/SOURCE		CODE IDENT NO.		FIND NO.	
PART/ASSY REV LTR		DO NOT SCALE DRAWING		CONTRACT NO.		Plessey Microsystems		DWG TITLE		SD701065	
		SCREW THREADS PER HANDBOOK N-28		DRAWN: R. C. J.		1-28-77		CHECK: R. C. J.		1-28-77	
		COUNTERBORE AND SPOTFACE FILLET RADI TO BE .010 MAXIMUM		ENGR		1-31-77		PROJ. ENGR		1-31-77	
		REMOVE ALL BURRS AND BREAK SHARP EDGES EQUIVALENT TO .010		PROD. DESIGN		1-31-77		OTHER		2-7-79	
		ROUGHNESS OF MACHINED SURFACES 125 PER USA3 B46.1		APPROVALS				SCALE: NONE		SHEET 1 OF 5	
		STANDARD HOLE TOLERANCE PER AND 1000		DWG NO.		D 52648		CODE IDENT NO.		19a9c0J	
		TOLERANCES ON .010 ± .00 .001 ± .000 ANGLES ± 0° 30'		PART NO.		701065-100 PM-DL11W		NEXT ASSY		USED ON	
		INTERPRET DIMENSIONS AND TOLERANCES PER USA3 Y13		APPLICATION							
		DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND FINISH									
		UNLESS OTHERWISE SPECIFIED									



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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
SEE SHEET 1				



JUMPER CHART			
1A TO 1B	1C TO 1D		
1E TO 1F	1G TO 1H		
2A TO 2B	2C TO 2D		
2E TO 2F	2G TO 2H		
3A TO 3C	3B TO 3E		
3D TO 3F			

SIZE	CODE IDENT NO.	DWG NO.
D	52648	SD701065
SCALE	REV C	SHEET 5 OF 5

