

TITLE	SIZE CODE	NUMBER	REV
LPS11 EXPANDER UNIT	B DD	LPS11-E	B
SHEET 2 OF 3			

CUSTOMER PRINT SET		ELECTRICAL					CUSTOMER PRINT SET		MECHANICAL						
LPS11-E	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	LPS11-E	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
X		1	D-UA-LPS11-E-0	*	1	LPS11 EXPANDER UNIT				1	D-UA-LPS11-E-0	*	1	LPS11 EXPANDER UNIT	
X			D-CS-M957-0-1	*	1	CONN. MODULE					C-MD-5308897-0-0		1	LEFT END PANEL	
X			D-CS-M784-0-1	**	2	UNIBUS RECEIVER					C-MD-5308898-0-0		1	RIGHT END PANEL	
X			C-CS-5409209-0-1	*	1	I/O CABLE ADAPTER					D-MAD-1945-19-1		1	1945 HOLD DOWN BAR	
X			D-MU-LPS11-E-1	*	1	MODULE UTILIZATION		X			D-IA-7009790-0-0	*	1	LOGIC CABLE, LPS11-E	
X			D-BD-LPS11-E-2	*	1	LPS11-E BLOCK DIAGRAM		X			D-IA-7009788-0-0	*	1	POWER HARNESS #1 LPS11-E	
X			D-BD-LPS11-E-3	*	1	LPS11AM-E, LPSDA BLOCK DIAGRAM		X			D-IA-7009789-0-0	*	1	POWER HARNESS #2 LPS11-E	
X			A-SP-LPS11-E-4	X	4	ENGINEERING SPECIFICATION									
X			A-SP-LPS11-E-5	X	14	FIELD INSTALLATION/ACCEPTANCE									
	X		A-SP-LPS11-E-6	X	19	CHECKOUT/ACCEPTANCE PROC.									
X			A-SP-LPSAM-E-1	*	6	ENGINEERING SPECIFICATIONS									
X			A-SP-LPSDA-0-1	*	5	ENGINEERING SPECIFICATIONS				3	D-AD-5302483-0-0		1	1943 CASTING ASSY	
											A-PL-5302483-0-0		1	1943 CASTING ASSY	
											E-MD-1202885-0-0		1	1943 FRAME CASTING	
X		2	D-AD-7009770-0-0	A	1	WIRED ASSY LPS EXPANDER UNIT									
			E-SC-1205348-0-0		4	288 PIN BLOCK TYPE H803									
			B-DC-5308753-0-0		1	21 POINT DECAL				7	A-PL-H850-0-0		1	MODULE EXTENDER (H850)	
C			K-WL-LPS11-E-WL	*	1	WIRE LIST					D-SC-1209818-0-0		1	MODULE EXTENDER H850	
			A-WT-7009770-0	*	1	AWT REVISION STATUS									
X		4	A-PL-LPSAG-0-0	**	1	LPSAG									
X			D-CS-A242-0-1	*	2	4 CHAN. PREAMP.									
		5	A-PL-LPSAG-VG-0		1	LPSAG-VG									
			D-CS-A241-0-1		2	MULTI-GAIN 4 CHAN PREAMP.									
X		6	A-PL-LPSAM-E-0	*	1	8 CHANNEL MULTIPLEXER EXP.									
X			D-CE-A407-0-1	**	2	8 CHAN. MULTIPLEXER									
X			D-CS-G728-0-1	**	1	JUMPER CARD									
X			D-CS-M957-0-1	*	1	CONN. MODULE									
X		8	A-PL-LPSDA-0-0	*	1	EXTERNAL D-A CONVERTER									
X			D-CS-A625-0-1	*	3	DUAL D-A CONVERTER MODULE									

CUSTOMER PRINT SET CODES  
 X = PRINT OF DOCUMENT INCLUDED IN PRINT SET  
 C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT  
 S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

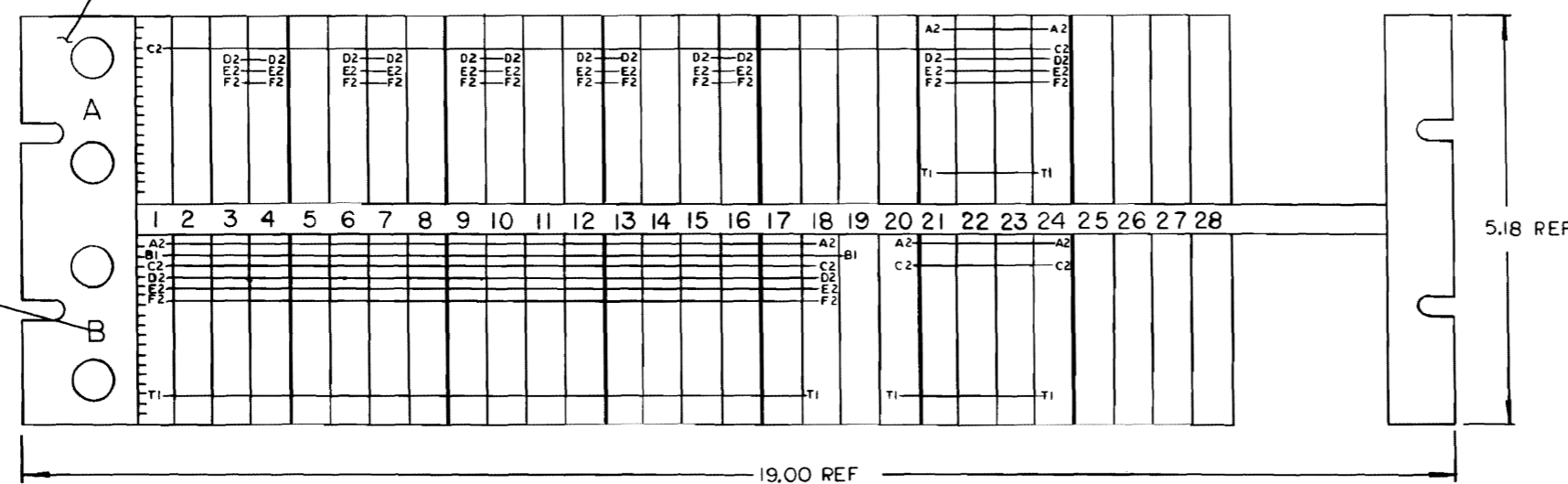
TITLE: LPS11 EXPANDER UNIT  
 SHEET 3 OF 3  
 SIZE CODE: B DD  
 NUMBER: LPS11-E  
 REV: B

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WIRE LIST						
ITEM NO.	AWG	COLOR	SIGNAL	FROM PIN CONNECTION	TO PIN CONNECTION	REMARKS
12	24	WHT	ANA GND	A24 F2	A26 P2	WRAP
				A26 P2	B18 F2	
				B18 F2	A18 F2	
				A18 F2	A16 F2	
				A15 F2	A13 F2	
				A12 F2	A10 F2	
				A09 F2	A07 F2	
				A06 F2	A04 F2	
11		WHT	ANA GND	A03 F2	A01 F2	
11		ORN	+15 V	A26 D1	A24 D2	
				A26 J1	B18 D2	
				A26 F1	A18 D2	
				A18 D2	A16 D2	
				A15 D2	A13 D2	
				A12 D2	A10 D2	
				A09 D2	A07 D2	
				A06 D2	A04 D2	
11		ORN	+15 V	A03 D2	A01 D2	
10		BLU	-15 V	A26 T2	A24 E2	
				A26 V2	B18 E2	
				A26 U2	A18 E2	
				A18 E2	A16 E2	
				A15 E2	A13 E2	
				A12 E2	A10 E2	
10	24	BLU	-15 V	A09 E2	A07 E2	WRAP

WIRE LIST						
ITEM NO.	AWG	COLOR	SIGNAL	FROM PIN CONNECTION	TO PIN CONNECTION	REMARKS
10	24	BLU	-15 V	A06 E2	A04 E2	WRAP
10		BLU	-15 V	A03 E2	A01 E2	
8		RED	+5 V	A26 H2	A24 A2	
8		RED	+5 V	A26 J2	B24 A2	
8		RED	+5 V	A26 K2	B18 A2	
9		BLK	GND	A24 T1	A24 C2	
		BLK	GND	A24 C2	A26 C2	
		BLK	GND	B24 T1	B24 C2	
		BLK	GND	B24 C2	A26 U1	
		BLK	GND	B18 T1	B18 C2	
		BLK	GND	B18 C2	A26 T1	
9	24	BLK	SIG GND	B19 B1	A26 N2	WRAP

NOTES:  
 1. BUSSING ON PINS B1 & B2 ARE DOUBLE LAYERED FOR LOWER RESISTANCE.



REF	AWT	REVISION	STATUS	A-WT-7009770-0	REV
REF	WIRE LIST			K-WL-LPS11-E-WL	13
A/R	WIRE, #24 AWG SOLID (WHT)			9107688-99	12
A/R	WIRE, #24 AWG SOLID (ORN)			9107688-33	11
A/R	WIRE, #24 AWG SOLID (BLU)			9107688-66	10
A/R	WIRE, #24 AWG SOLID (BLK)			9107688-00	9
A/R	WIRE, #24 AWG SOLID (RED)			9107688-22	8
A/R	21 POINT DECAL			B-DC-5308753-00	7
14	SCR PNL HD, FIL #8-32 x 5/8 LG			9006210-06	6
7	288 PIN BLOCK TYPE H803			E-SC1205348-0-0	5
A/R	BUSS STRIP			9008428	4
A/R	WIRE, #30 AWG SOLID (BLU)			9105740-66	3
A/R	WIRE, #30 AWG SOLID (YEL)			9105740-44	2
1	1943 CASTING ASSY.			B-AD-5302483-0-0	1

FIRST USED ON OPTION/MODEL LPS11-E		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
PARTS LIST									
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES				DRN E.C. Orland DATE 2/11/74		DATE 2/11/74			
TOLERANCES				CHK'D. DATE 3-11-74		DATE 3-11-74			
DECIMALS		ANGLES		ENG. DATE 3-11-74		TITLE WIRED ASS'Y LPS EXPANDER UNIT			
.XXX = .005		±0° 30'		PROJ. ENG. DATE 3-11-74		SIZE CODE DAD 7009770-0-0			
.XX = .02				PROD. DATE 3-11-74		NUMBER 7009770-0-0			
.X = .1				REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY V		REV. A			
MATERIAL SEE PARTS LIST		NEXT HIGHER ASSY. B-DD-LPS11-E		SCALE 1:1		SHEET OF 6		DIST.	

REV	DATE	BY	CHK'D.
1		A	
2		A	
3		A	
4		A	
5		A	
6		A	
7		A	
8		A	