digital

861

Engineering Drawings

Digital Equipment Corporation

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

SEQUENCE		SEQUENCE	
DRAWING DIRECTORY	B-DD-861-0		
POWER CONTROL, 861	E-UA-861-0-0		
PILOT CONTROL	D-CS-5410206-0-1		
CIRCUIT SCHEMATIC 861	D-CS-861-A-1		
CIRCUIT SCHEMATIC 861	D-CS-861-B-1		
CIRCUIT SCHEMATIC 861	D-CS-861-C-1		
PACKAGING INSTRUCTION	A-PI-3700083-0-0		
CIRCUIT SCHEMATIC 861	D-CS-861-F-1		

UNIT VARIATIONS

VAR	TITLE	PRINT SET
861	POWER CONTROL, 861	

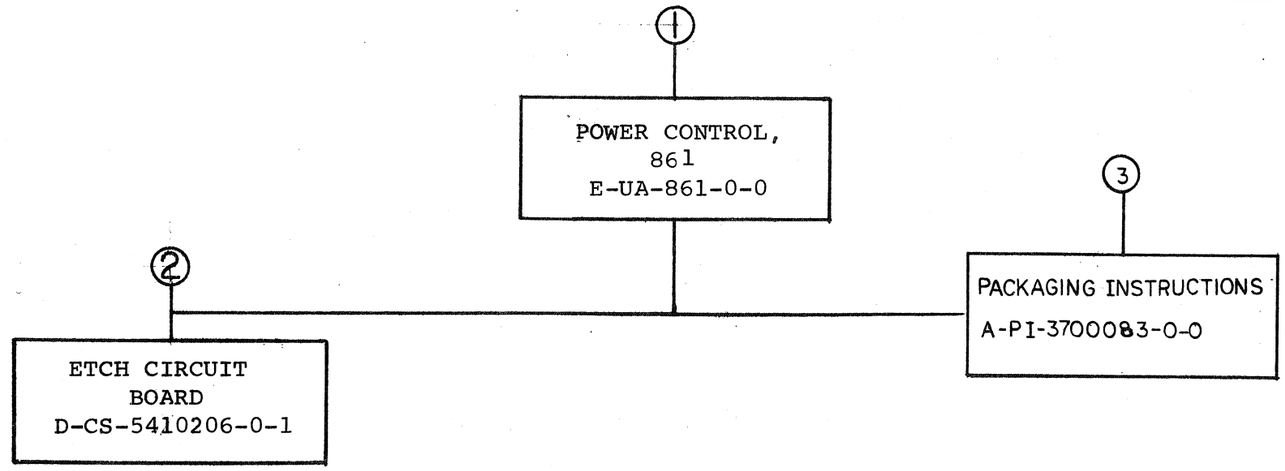
REVISIONS		
DATE	CHG. NO.	REV
2/73	861-3	A
3/74	861-4	B
12-74	861-6	C
4-75	861-7	D

USED ON OPTION/MODEL		DRN.	DATE	TITLE
		SCHMIDT	9/13/72	861 POWER CONTROL
		CHK'D. B. ALLEN	DATE 9/13/72	
		PROJ ENG. JIM KALAGHER	DATE 9/13/72	
		PROD. Fazio Paul	DATE 9/25/72	SIZE B / CODE DD / NUMBER 861-0 / REV D
		FIELD SERV.	DATE	DIST

SHEET 1 OF 2

DEC 16-63-1-1962-1-R-R-72

DRB 106



TITLE		SIZE	CODE	NUMBER	REV
POWER CONTROL	SHEET 2 OF 3	B	DD	861-0	D

ELECTRICAL

CUSTOMER PRINT SET	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
x		1	D-CS-861-A-1	A	1	CIRCUIT SCHEMATIC, 861 P.C.	
x			D-CS-861-B-1	A	1	CIRCUIT SCHEMATIC, 861 P.C.	
x			D-CS-861-C-1	A	1	CIRCUIT SCHEMATIC, 861 P.C.	
			A-SP-861-0-1		2	TEST AND INSPECTION PRO.	
x			D-SP-861-F-1	*	1	CIRCUIT SCHEMATIC, 861 P.C.	
x		2	D-CS-5410206-0-1	#	2	PILOT CONTROL	
			PC-5010205-0-1		1	ETCH CIRCUIT BOARD	
			K-CO-5410206-0-4		1	X-Y COORDINATE HOLE LOCA.	
			D-AH-5410206-0-5		1	ASSY DRILLING HOLE LAYOUT	
			B-MH-5410206-0-6		1	MODULE ECO HISTORY	

MECHANICAL

CUSTOMER PRINT SET T-198	MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
x		1	E-UA-861-0-0	C	2	POWER CONTROL, 861	
			E-IA-7410567-0-0	C	1	CHASSIS, 861 PC	
			D-IA-7410568-0-0		2	COVER, 861 P.C.	
			A-PS-3611216-0-0			NAME PLATE 861-A	
			C-SS-3611216-0-1		1	NAME PLATE 861-A ARTWORK	
			A-PS-3611217-0-0			NAME PLATE 861-B	
			C-SS-3611217-0-1		1	NAME PLATE 861-B ARTWORK	
			A-PS-3611218-0-0			NAME PLATE 861-C	
			C-SS-3611218-0-1		1	NAME PLATE 861-C ARTWORK	
			A-PS-3612382-0-0			NAME PLATE 861-F	
			C-SS-3612382-0-1		1	NAME PLATE 861-F ARTWORK	
		3	A-PI-3700083-0-0		2	PACKAGING INSTRUCTIONS	
			A PS 9905229 0 0		2	FULL OVER LAP CARTON	
			A PS 9905228 0 0		2	EXPANDER POLYSTYRENE FOAM INSERT	

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		SIZE	CODE	NUMBER	REV
POWER CONTROL, 861	SHEET 3 OF 3	B	DD	861-0	D

DRB 108

LEGEND			
DWG. NO.	VARIATION VAC OUT	PHASES	AMP OUT
861-A	120	3	32
861-B	240	1	16
861-C	120	1	24

NOTES:
1. FOR WIRE TABLES, SEE SHEET #2.
2. LOCKWASHER (ITEM #58) MUST BE PLACED UNDER SOLDERLESS CONN (ITEM #92).
3. LOCKWASHER (ITEM #19) MUST BE PLACED BETWEEN FILTER (ITEM #8) AND TERM CLAMP (ITEM #49).

861-F	861-C	861-B	861-A			
1	-	-	-	NAME PLATE 861-F	ASP3612382-04	68
1	-	-	-	POWER CORD	1700046-9	67
1		-	-	CIRCUIT BREAKER	1211196-01	66
1	1	1	1	CONN SOLDERLESS	9007920	65
-	-	1	-	SURGE LIMITER	1311996-02	64
1	1	-	1	SURGE LIMITER	1311996-01	63
2	2	2	2	INT TOOTH LOCK WASH #4	9006632	62
2	2	2	2	STAND-OFF INSUL #4-40	9008420	61
A/R	A/R	A/R	A/R	WIRE #12 AWG IPVC GRN	9173B0-55	60
1	1	1	1	NUT KEPS #10-32	9006505	59
1	1	1	1	INT TOOTH #10 LOCK WASH	9006635	58
4	4	-	-	CLAMP TERMINAL	1211223-01	57
1	1	1	1	LOCKNUT	9009309	56
18	18	-	-	CONN, SOLDERLESS, (GRN)	9008283	55
A/R	A/R	-	-	WIRE #18 AWG IPVC (WHT)	9107390-99	54
1	-	1	-	STRAIN RELIEF (BLU)	1211198-00	53
-	1	-	-	MALE PLUG 125 V 30 A	1811103	52
-	-	1	-	MALE PLUG, 250V 20A	1811132	51
-	1	-	-	POWER CORD 15 FT. 12/3	1700025	50
-	-	4	5	CLAMP TERMINAL	1211223-00	49
1	1	-	-	FILTER 2 POLE 3 WIRE	1211199	48
A/R	A/R	A/R	A/R	GROMMET, CATERPILLAR	9007035	47
-	-	1	-	CONTACTOR, 230 V	1211197-1	46
-	-	6	-	RECEPTACLE, 15 A 250 VAC	1211204	45
-	1	-	-	CIRCUIT BARRIER 20-20-30	1811196	44
-	-	A/R	-	POWER CORD 15 FT. 14/3	1700027	43
1	1	1	1	CONN, SOLDERLESS	9007926-01	42
2	2	2	2	NUT, KEP #4-40	9006557	41
4	4	4	4	SCREW, PHL PAN HD #6-40 x 1/4 LG.	9008301-1	40
-	1	-	-	NAME PLATE, 861-C	ASP3611218-04	39
4	4	4	4	CONN, ARLESS DUAL 3000 HOLE	9007925	38
26	26	36	42	CONN, SOLDERLESS (BLU)	9007919	37
7	7	6	7	CONN, SOLDERLESS (RED)	9007917	36
A/R	A/R	A/R	A/R	WIRE, #18 AWG I.P.V.C. (GRN)	9107360-33	35
A/R	A/R	A/R	A/R	WIRE #18 AWG I.P.V.C. (BRN)	9107360-11	34
A/R	A/R	A/R	A/R	WIRE, #18 AWG I.P.V.C. (BLK)	9107360-00	33
A/R	A/R	A/R	A/R	WIRE, #18 AWG I.P.C. (WHT)	9107360-99	32
A/R	A/R	-	A/R	WIRE, #18 AWG I.P.V.C. (RED)	9107360-22	31
A/R	A/R	A/R	A/R	WIRE, #14 AWG I.P.V.C. (GRN)	9107370-55	30
A/R	A/R	A/R	A/R	WIRE, #14 AWG I.P.V.C. (BLK)	9107370-00	29
-	-	A/R	A/R	WIRE, #14 AWG I.P.V.C. (WHT)	9107370-99	28
A/R	A/R	-	A/R	WIRE, #14 AWG I.P.V.C. (RED)	9107370-22	27
4	4	4	4	NUT, KEP #8-32	9006563	26
4	4	4	4	SCREW, PHL PAN HD #8-32 x 3/8 LG.	9006037-1	25
14	14	14	14	NUT, KEP #6-32	9006560	24
18	18	18	18	SCREW, PHL PAN HD #6-32 x 3/8 LG.	9006021-1	23
2	2	2	2	LOCKWASHER, #6 EXT TOOTH	9007649	22
4	4	0	0	LOCKWASHER #8 INT. TOOTH	9006634	21
-	-	1	-	NAME PLATE, 861-B	ASP-3611217-04	20
8	8	12	13	LOCKWASHER, #6 INT TOOTH	9006633	19
-	-	-	1	NAME PLATE, 861 A	ASP-3611216-04	18
2	2	2	2	PIN, MALE	1209378-01	17
1	1	1	1	HOUSING, 2 PIN MALE	1210822-2	16
3	3	3	3	PIN, FEMALE	1209379-01	15
1	1	1	1	HOUSING, 4 PIN FEMALE	1210821-9	14
1	1	1	1	PC BOARD ASSY	013-5410206-01	13
-	-	-	1	MALE PLUG, 125/250V 20A	1211095	12
-	-	-	A/R	POWER CORD 15FT. 12/4	1700026	11
1	1	1	1	THERMOSTAT	1211158	10
1	1	-	1	STRAIN RELIEF (GRN)	1211198-01	9
-	-	1	1	FILTER 3 POLE 9 WIRE	1211157	8
1	1	1	1	CAPACITOR	1000039	7
1	1	-	1	CONTACTOR 115 V	1211197-0	6
2	2	2	2	LAMP POWER 115 V	1205303	5
6	6	-	6	RECEPTACLE 15A, 115 VAC	1205351	4
-	-	1	1	CIRCUIT BREAKER, 20A 3 POLE	1211182	3
1	1	1	1	COVER, 861 P.C.	D-MD-7410506-0	2
1	1	1	1	CHASSIS, 861 P.C.	E-ER-7410567-04	1
QTY	QTY.	QTY.	QTY.	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

DETAIL 'A'
SCALE: NONE

SECTION C-C
861-A
SCALE: NONE

SECTION C-C
861-B
SCALE: NONE

SECTION C-C
861-C
SCALE: NONE

DETAIL 'E'
SCALE: NONE

DETAIL 'D'
RECEPTACALS FOR
861-B

VIEW B-B

FIRST USED ON OPT / MOD
861 P.C.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES
DECIMALS: XXX ± .005, .XX ± .02, X ± .1
ANGLES: ± 30'
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓
MATERIAL: SEE PARTS LIST
FINISH

DRN. R. Schmidt DATE 9-20-72
CHK'D J. Lyle DATE 10-4-72
ENG. R. Burton DATE 10-6-72
PROJ. R. Burton DATE 10-6-72
NEXT HIGHER ASSY. 8-DD-861-0
SCALE 1/1
SHEET 1 OF 2

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE: POWER CONTROL, 861

SIZE E | CODE UA | NUMBER 861-0-0 | REV. D | DIST.

DEC FORM NO. BRE 500

WIRE TABLE 861-A, 861-F

ITEM NO	DESCRIPTION COLOR	DESCRIPTION AWG	FROM CONN	FROM POINT	FROM WITH	TO CONN	TO POINT	TO WITH	REMARKS SEE DETAIL "A"
29	BLK	19	P1-B2		37	K1-A3		37	12.0
33	BLK	18	F1-B1		36	K1-A5		36	12.0
28	WHT	19	P1-S1		37	P2-S1		37	9.0
28	WHT	19	P1-S2		37	K1-A2		37	12.0
32	WHT	18	P2-S2		36	P7-2		15	10.0
31	RED	18	P2-B2		36	P7-3		15	10.0
27	RED	19	P2-B1		37	K1-A1		37	12.0
28	WHT	19	P3-S1		37	P4-S2		37	6.0
28	WHT	19	P3-S2		37	C1-A3		37	6.0
27	RED	14	P3-B1		37	C1-A1		37	6.0
27	RED	19	P3-B2		37	P4-B1		37	9.0
28	WHT	14	P4-S1		37	P5-S2		37	4.0
28	WHT	14	P5-S1		37	P6-S2		37	6.0
29	BLK	19	P5-B1		37	C1-A2		37	6.0
29	BLK	19	P5-B2		37	P6-B1		37	9.0
29	BLK	19	K1-B3		37	C1-B2		37	9.0
28	WHT	14	K1-B2		37	C1-B3	C	37	9.0
27	RED	14	K1-B1		37	C1-B1		37	9.0
5	BLK	14	I1-A		—	CB1-B1	LINE +	38	—
5	BLK	14	I1-B		—	CB1-A1	LINE +	38	—
5	BLK	19	I2-A		—	CB1-B1	LINE +	38	—
5	BLK	14	I2-B		—	CB1-C1	LINE +	38	—
29	BLK	19	F1-C	OUTPUT	37	CB1-A1	LINE +	37	6.0
28	WHT	19	F1-B	OUTPUT	37	CB1-B1	LINE +	37	6.0
27	RED	19	F1-A	OUTPUT	37	CB1-C1	LINE +	37	6.0
27	RED	19	K1-A1		37	CB1-C2	LOAD —	37	6.0
28	WHT	19	K1-A2		37	CB1-B2	LOAD —	37	6.0
29	BLK	19	K1-A3		37	CB1-A2	LOAD —	37	6.0
60	GRN	12	F1-G	OUTPUT	49	GND		65	6.0
34	BRN	18	K1-A4		36	P7-1		15	10.0
35	ORN	18	P8-1		17	T1		36	10.0
35	ORN	18	P8-2		17	T1		36	10.0
11	BLK	12	P9-Y		—	F1-C	INPUT	49	
11	RED	12	P9-X		—	F1-A	INPUT	49	
11	WHT	12	P9-S		—	F1-B	INPUT	49	
11	GRN	12	P9-G		—	F1-G	INPUT	49	
63	—	—	SL		—	TS-1	—	—	
63	—	—	SL		—	TS-2	—	—	
34	BRN	18	TS-2		—	K1-4	—	36	3.0
34	BRN	18	TS-1		—	K1-5	—	36	6.0

WIRE TABLE 861-B

ITEM NO	DESCRIPTION COLOR	DESCRIPTION AWG	FROM CONN	FROM POINT	FROM WITH	TO CONN	TO POINT	TO WITH	REMARKS SEE DETAIL "A"
29	BLK	14	P1-B2		37	K1-A3		37	12.0
29	BLK	14	P1-B1		37	P2-B2		37	[illegible]
28	WHT	14	P1-S1		37	P2-S1		37	4.0
28	WHT	14	P1-S2		37	K1-A2		37	12.0
32	WHT	18	P2-S2		36	P7-2		15	10.0
28	WHT	14	P3-S1		37	P4-S2		37	6.0
28	WHT	14	P3-S2		37	C1-A3		37	6.0
29	BLK	14	P3-B2		37	P4-B1		37	9.0
28	WHT	14	P4-S1		37	P5-S2		37	4.0
28	WHT	14	P5-S1		37	P6-S2		37	6.0
29	BLK	14	P5-B1		37	C1-A2		37	6.0
29	BLK	14	P5-B2		37	P6-B1		37	9.0
29	BLK	14	K1-B3		37	C1-B2		37	4.0
28	WHT	14	K1-B2		37	C1-B3	C	37	9.0
5	BLK	14	I1-A		—	CB1-B1	LINE +	38	—
5	BLK	14	I1-B		—	CB1-A1	LINE +	38	—
5	BLK	14	I2-A		—	CB1-B1	LINE +	38	—
5	BLK	14	I2-B		—	CB1-C1	LINE +	38	—
29	BLK	14	F1-C	OUTPUT	37	CB1-A1	LINE +	37	6.0
28	WHT	14	F1-B	OUTPUT	37	CB1-C1	LINE +	37	6.0
28	WHT	14	K1-A2		37	CB1-C2	LOAD —	37	6.0
29	BLK	14	K1-A3		37	CB1-A2	LOAD —	37	6.0
60	GRN	12	F1-G	OUTPUT	49	GND		65	6.0
34	BRN	18	K1-A4		36	P7-1		15	10.0
35	ORN	18	P8-1		11	T1		36	10.0
35	ORN	18	P8-2		17	T1		36	10.0
33	BLK	18	P2-B1		36	P7-4		15	10.0
33	BLK	18	K1-A5		36				10.0
43	GRN	14	P9-G		—	F1-G	INPUT	49	—
43	BLK	14	P9-Y		—	F1-C	INPUT	49	—
43	WHT	14	P9-X		—	F1-B	INPUT	49	—
29	BLK	19	P4-B2		37	P6-B2		37	6.0
64	—	—	SL		—	TS-1	—	—	
64	—	-	SL		—	TS-2	—	—	
34	BRN	18	TS-2		—	K1-4	—	36	3.0
34	BRN	18	TS-1		—	K1-5	—	36	6.0

WIRE TABLE [illegible]-C

ITEM NO	DESCRIPTION COLOR	DESCRIPTION AWG	FROM CONN	FROM POINT	FROM WITH	TO CONN	TO POINT	TO WITH	REMARKS SEE DETAIL "A"
29	BLK	14	P1-[illegible]		37	K1-A3		37	12.0
[illegible]	BLK	[illegible]	P1-[illegible]		[illegible]	K1-A5		36	12.0
54	WHT	10	P[illegible]		55	P2-S1		55	9.0
54	WHT	10	P[illegible]2		55	K1-A2		55	12.0
32	WHT	18	P[illegible]2		36	P7-2		15	10.0
31	RED	18	P2-B2		36	P7-3		15	10.0
27	RED	19	P2-B1		37	K1-A1		37	12.0
54	WHT	10	P3-S1		55	P4-S2		55	6.0
54	WHT	10	P3-S2		55	C1-A3		55	6.0
27	RED	14	P3-B1		37	C1-A1		37	6.0
27	RED	14	P3-B2		37	P4-B1		37	9.0
54	WHT	10	P4-S1		55	P5-S2		55	9.0
54	WHT	10	P5-S1		55	P6-S2		55	6.0
29	BLK	19	P5-B1		37	C1-A2		37	6.0
29	BLK	19	P5-B2		31	P6-B1		37	4.0
29	BLK	19	K1-B3		37	C1-B2		37	4.0
59	WHT	10	K1-B2		55	C1-B3	C	55	4.0
27	RED	14	K1-B1		37	C1-B1		37	4.0
5	BLK	14	I1-A		—	CB1-A1	LINE —	38	—
5	BLK	14	I1-B		—	CB1-B1	LINE +	38	—
5	BLK	14	I2-A		—	CB1-A1	LINE +	38	—
5	BLK	14	I2-B		—	CB1-C1	LINE +	38	—
29	BLK	19	F1-B	OUTPUT	37	CB1-B1	LINE +	37	6.0
59	WHT	10	F1-A	OUTPUT	55	CB1-A1	LINE +	55	6.0
27	RED	19	F1-B	OUTPUT	37	CB1-C1	LINE +	37	6.0
27	RED	14	K1-A1		37	CB1-C2	LOAD —	37	6.0
54	WHT	10	K1-A2		55	CB1-A2	LOAD —	55	6.0
29	BLK	14	K1-A3		37	CB1-B2	LOAD —	37	6.0
60	GRN	12	F1-G	OUTPUT	57	GND		65	6.0
35	ORN	18	P8-1		17	T1		36	10.0
35	ORN	19	P8-2		17	T1		36	11.0
39	BRN	18	K1-A4		36	P7-1		15	10.0
50	GRN	12	P9G		—	F1-G	INPUT	49	
50	BLK	12	P9-B		—	F1-B	INPUT	49	
50	WHT	12	P9-S		—	F1-A	INPUT	49	
63	—	-	SL		—	TS-1	—	—	
63	—	-	SL		—	TS-2	—		
34	BRN	18	TS-2		-	K1-4	—	36	3.0
34	BRN	18	TS-1		-	K1-5	—	36	6.0

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO.
861 PC		PARTS LIST		

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES
TOLERANCES
DECIMALS: .XXX ± .005, .XX ± .02, .X ± .1
ANGLES: ± 0° 30'
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓
MATERIAL
FINISH
DRN. [illegible] DATE [illegible]
CHK'D. [illegible] DATE 10-6-72
ENG. [illegible] DATE 10-6-72
PROJ. ENG. [illegible] DATE [illegible]
PROD. [illegible] DATE [illegible]
NEXT HIGHER ASSY.
SCALE
SHEET 2 OF 2
REVISIONS — CHANGE NO. — REV. — CHK

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

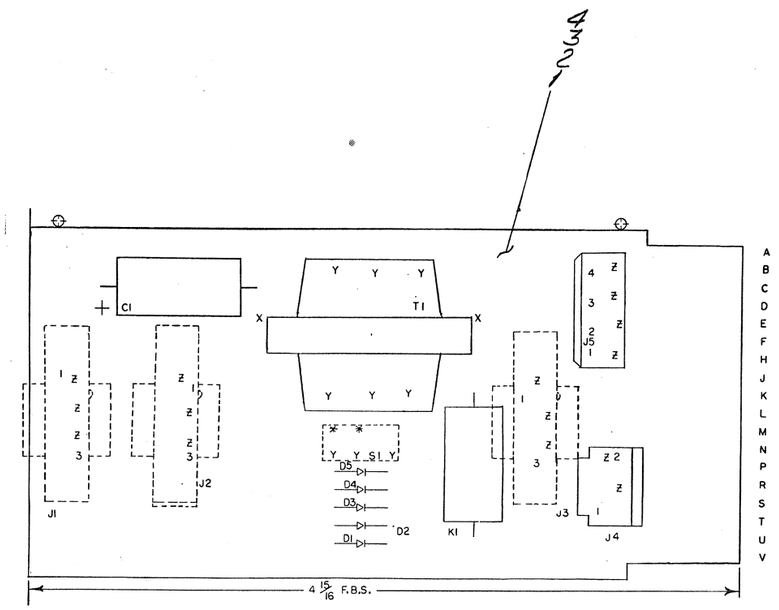
TITLE: POWER CONTROL, 861

SIZE	CODE	NUMBER	REV.
E	UA	861-0-0	0

DIST.

B UA 861-0-0

NOTES:



		PACKAGING INSTRUCTION	A-PI-3700143-0-0	15
1	S1	SWITCH, 3-POS.	12-11180	14
1	K1	RELAY, REED	12-11179	13
1	T1	PC TRANSFORMER	16-11178	12
4	FOR USE ON J5	PIN, PC MALE MATE-N-LOCK	1210823	11
1	J9	SOCKET, 2 PIN MATE-N-LOCK	1210821-02	10
11	FOR USE ON J1-J4	PIN, PC FEMALE MATE-N-LOCK	1209956	9
1	J5	PLUG, 9 PIN MATE-N-LOCK	1209351-04	8
3	J1, J2, J3	SOCKET, 3 PIN MATE-N-LOCK	1209350-03	7
5	D1 - D5	DIODE, IN 4004	1105796	6
1	C1	CAP, 50UF, 50V 6% AL EL	1000080	5
REF		MODULE E.C.O HISTORY	B-MH-5410206-0-6	4
REF		ASSY DRILLING HOLE LAYOUT	D-AH-5410206-0-5	3
REF		X-Y COORDINATE HOLE LOCA.	K-CO-5410206-0-4	2
1		ETC CKT BOARD	5010205	1
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST

ETCH BOARD REV B

FIRST USED ON OPTION MODEL
861 P.C.

IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		

IC PIN LOCATIONS

REV	CHANGE NO.	CHK
B	5410206-0C001	R. Stone 9/27/74
		E. LOYA 9/27/74
		A. Iacuzzo 10/4/74

DEC NO.	EIA NO.	DEC NO.	EIA NO.

SEMICONDUCTOR CONVERSION CHART

DRN. J. Schmidt DATE 5-25-72
CHK'D. J. Ralph DATE 7-17-72
ENG. R. Stone DATE 9-19-72
PROJ. ENG. [illegible] DATE 7-17-72
PROD. DATE
NEXT HIGHER ASSY
SCALE
SHEET 1 OF 2

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: PILOT CONTROL

SIZE D | CODE | NUMBER DCS5410206 0 1 | REV. B

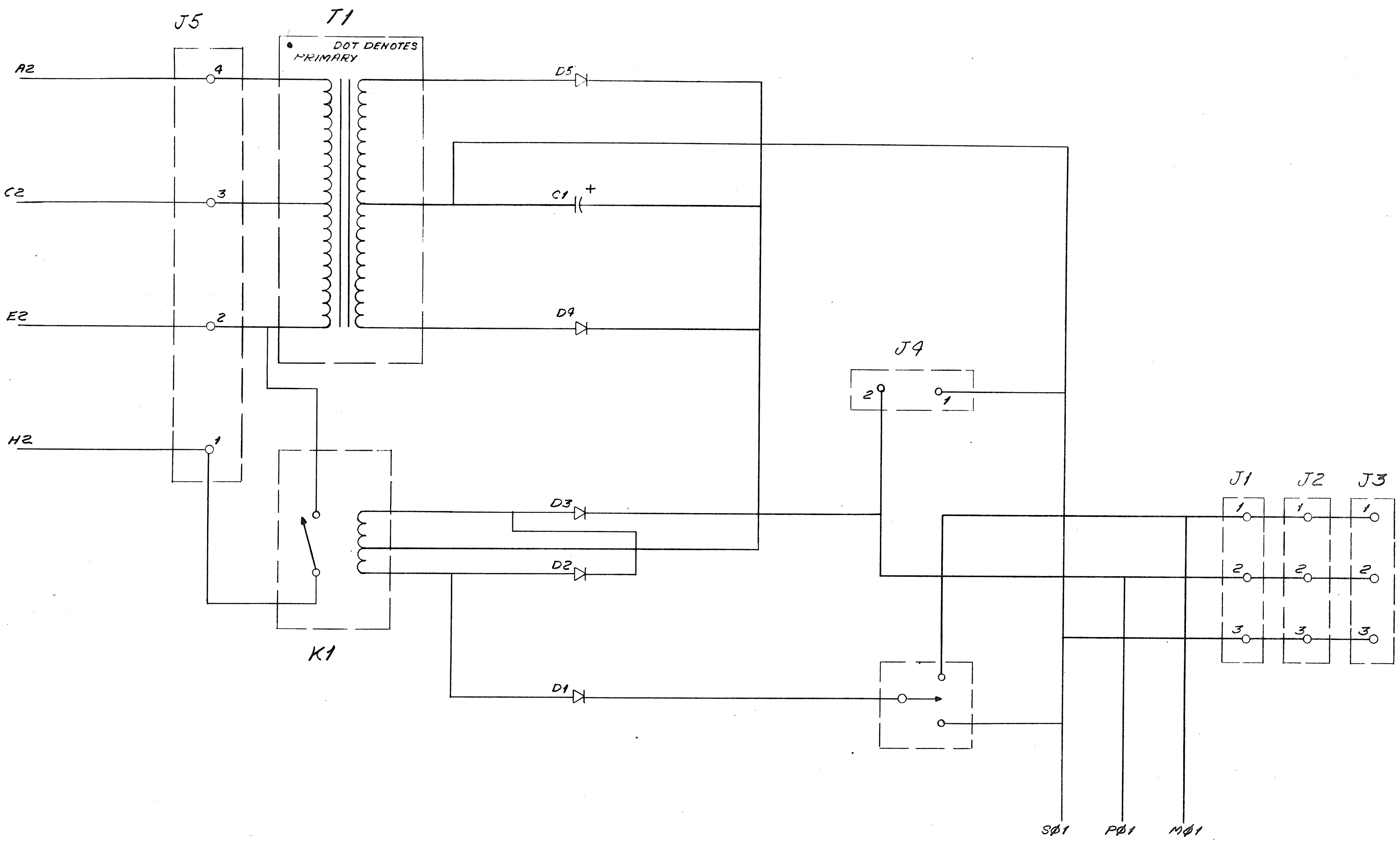
DIST.

DEC FORM NO DIPS-356

BRUNING 40-522-16699

REV B

SIZE D | CODE | NUMBER 5410206-0-1



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
861 P.C.		PARTS LIST		

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL

FINISH

		DATE
DRN.	D. Schmidt	8-25-72
CHK'D	[signature]	7-19-72
ENG.	R. Bruste	9-19-72
PROJ. ENG.	R. Bruste	9-19-72
PROD.	[signature]	9-?-72

NEXT HIGHER ASSY.

SCALE NONE

SHEET 2 OF 2

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE

PILOT CONTROL

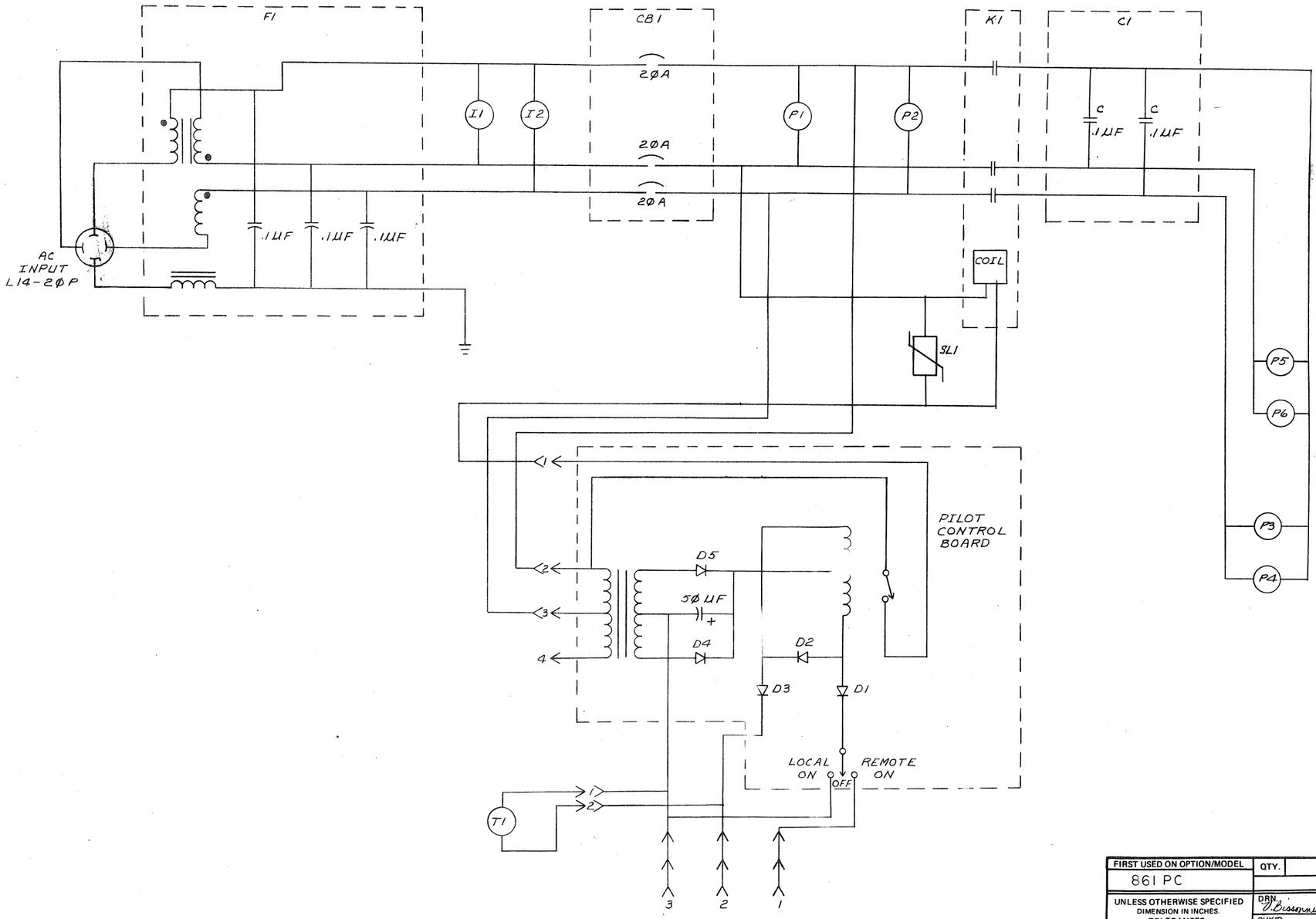
SIZE	CODE	NUMBER	REV.
D	CS	5410206-0-1	B

DIST.

REVISIONS | CHANGE NO. | REV | CHK

BRUNING 40-522 15840

DEC FORM NO DRD 102A



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
861 PC		PARTS LIST		

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES

DECIMALS	ANGLES
XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL —/—

FINISH /—/—

DRN. D. Bissonnette	DATE 9-11-72	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
CHK'D. J. Fitzgerald	DATE 10-6-72	
ENG. R. Bento	DATE 10-6-72	
PROJ. ENG. Robert A. Allen	DATE 10-6-72	
PROD. Paul Flynn	DATE 10-6-72	

NEXT HIGHER ASSY. B-DD-861-0

SCALE —/—

SHEET 1 OF

TITLE: CIRCUIT SCHEMATIC (861-A PC.)

SIZE	CODE	NUMBER	REV.
D	CS	861-A-1	A

DIST.

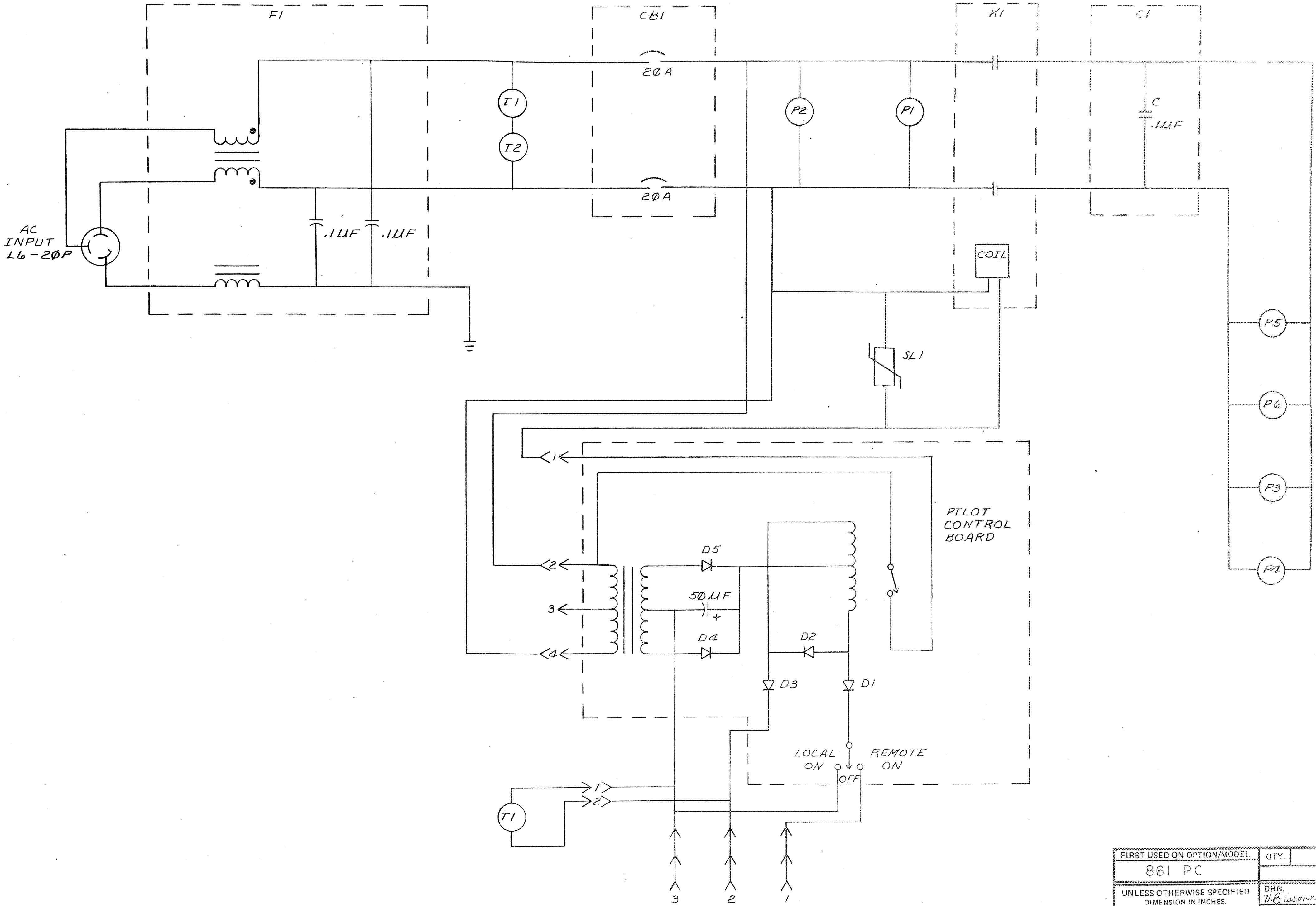
REVISIONS	REV.	CHK
CHANGE NO. 861-00006	A	LOYA

S. Chastain 12-20-72
L. Allen 12/18/72

BRUNING 40-107 15968

DEC FORM NO DRD 100-A

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
861 PC		PARTS LIST		

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES

DECIMALS	ANGLES
XXX. .005 XX ± .02 X ± .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL

FINISH

DRN. V. Bissonnette	DATE 9-11-72	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
CHK'D.	DATE 11-6-72	
ENG. R. Burt	DATE 10-6-72	TITLE CIRCUIT SCHEMATIC (861-B P.C.)
PROJ. ENG.	DATE 10/6/72	
PROD.	DATE	

NEXT HIGHER ASSY. B-DD-861-0

SCALE

SHEET OF

SIZE	CODE	NUMBER	REV.
D	CS	861-B-1	A

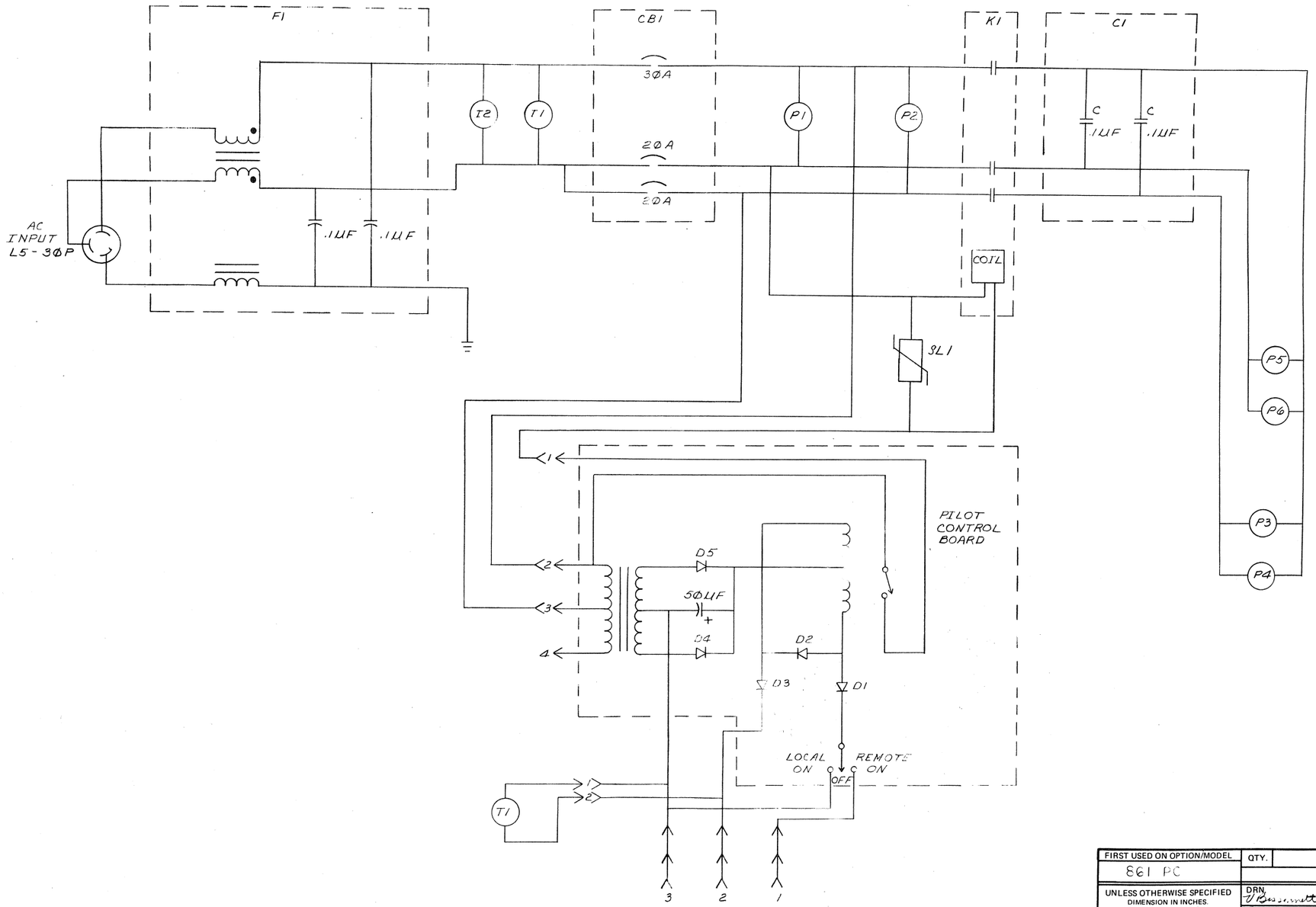
DIST.

SIZE D CODE CS NUMBER 861-B-1 REV. A

REVISIONS			
REV.	CHANGE NO.		CHK
A	861-00006	J. Charton 12-10-74 LOYA	

BRUNING 40-107 15968

DEC FORM NO DRD 100-A



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
861 PC		PARTS LIST		

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES

DECIMALS	ANGLES
.XXX = .005 .XX = .02 .X = .1	±0° 30'

REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓

MATERIAL

FINISH

DRN. J Bassenette	DATE	9-12-72
CHK'D. L Salyer	DATE	10-6-72
ENG. R Bate	DATE	10-6-72
PROJ ENG. [illegible]	DATE	10-6-72
PROD. [illegible]	DATE	12

NEXT HIGHER ASSY. B-[illegible]

SCALE

SHEET 1 OF 1

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE CIRCUIT SCHEMATIC 861-C P.C.

SIZE	CODE	NUMBER	REV.
D	CS	861-C-1	A

DIST.

REVISIONS			
CHK	CHANGE NO	REV.	
RT	861-00006	A	4 Chassis 12-10-74 LOYA

BRUNING 40-107 15988

DEC FORM NO DRD 100-A

DIGITAL EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

PACKAGING INSTRUCTION REV: A DATE: 4-73

TITLE 861 POWER CONTROL, INTERPLANT PACKAGE

MATERIAL REQUIREMENTS

Quantity	Identification No.	Purchase Spec	Description
1	7-2008 1314 0500-0	9905229	Full overlap carton
2		9905228	Expanded polystyrene foam insert
A/R			3-inch wide Glasflex tape

PACKAGING INSTRUCTIONS

Step	Procedure
1	Set up the full over lap carton (9905229) using one strip of tape across the bottom and extending up the sides approximately three inches. See Figure 1.
2	Place one expanded polystyrene foam insert (9905228) in each end of the carton with the slots in the foam facing inward.
3	Place the 861 power control in the carton with the ears of the upright sliding into the slots in the foam.
4	Coil the power cord so that it fits into the cavity in the rear of the power control.
5	Close and seal the carton with one piece of tape across the top of the carton and extending down the sides approximately three inches.

ENG	APPD	SIZE	CODE	NUMBER	REV
R. B. Comes 4/13/73	Willard Pitt	A	PI	3700033-0-0	A

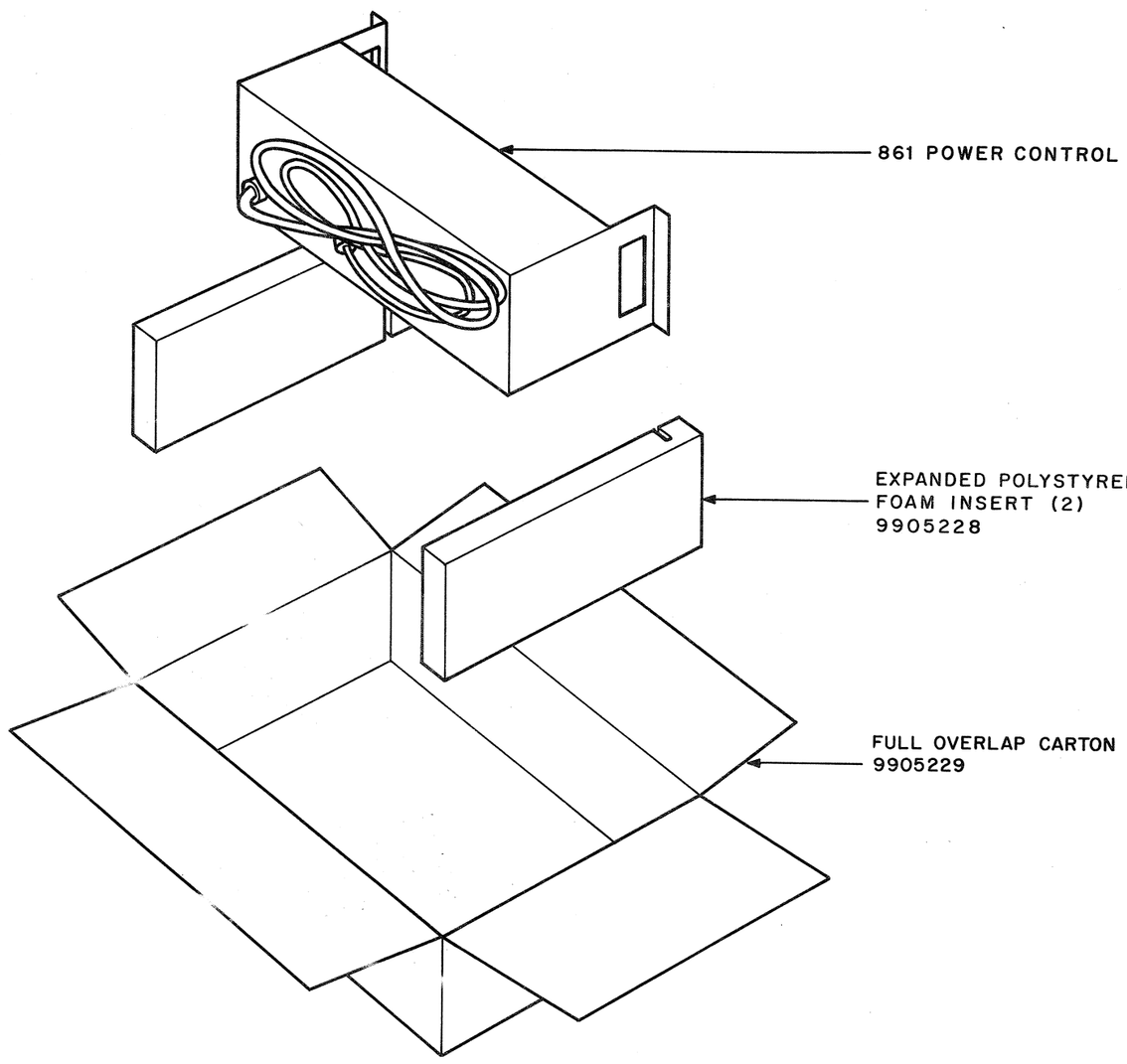
DEC 8—(551)—1031—1—R671
DRA - 129

PACKAGING INSTRUCTION

REV:	A	DATE:	4/73

TITLE 861 POWER CONTROL , INTERPLANT PACKAGE

FIGURE 1

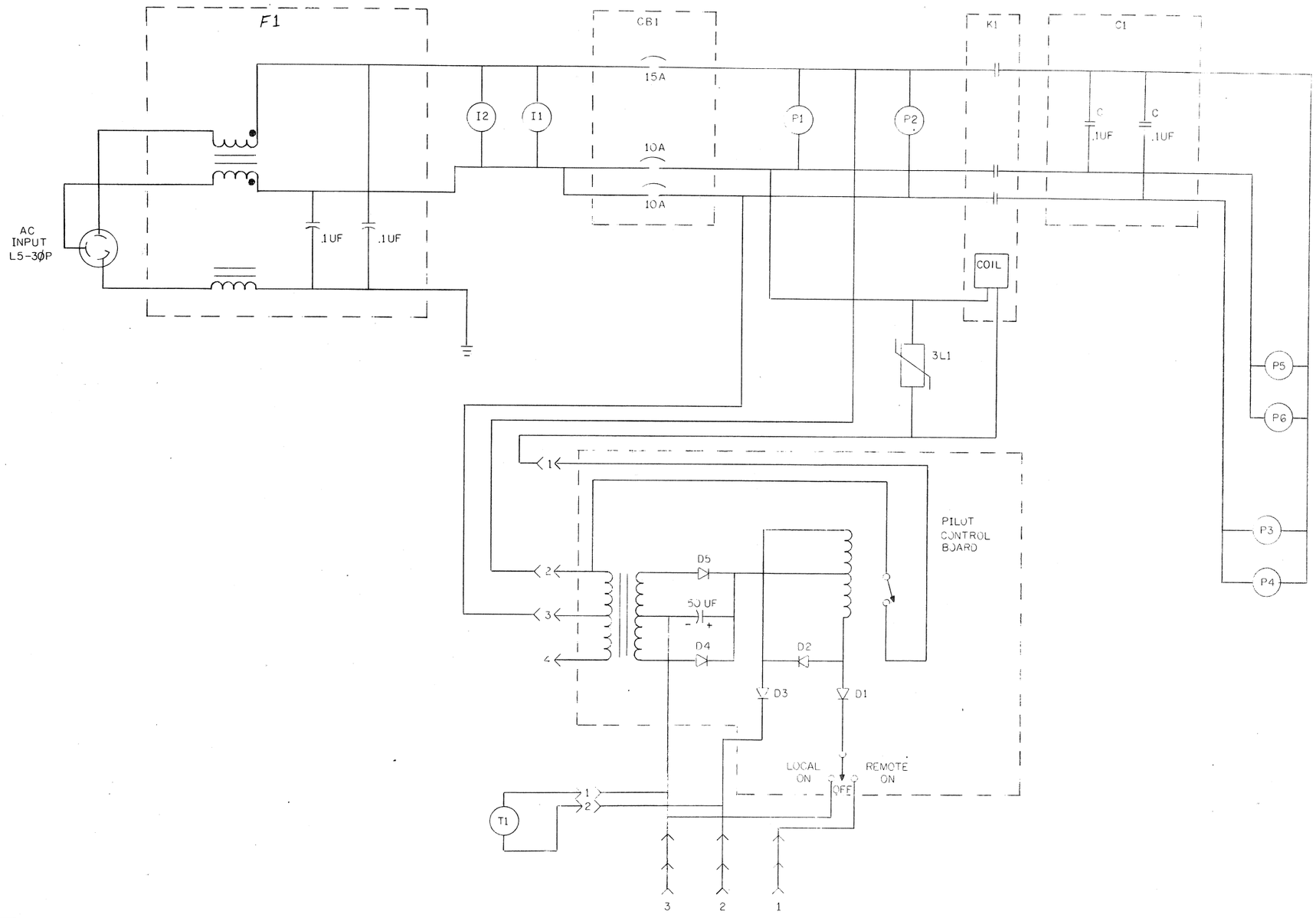


NOTE

Make changes to the "C" size original only and rephotograph.

ENG.	APPD.	SIZE	CODE	NUMBER	REV
Willard M Potter 12/11/72	[illegible] 12/11/72	A	PI	3700083-0-0	A

DRC-107



REVISIONS		
CHK	CHANGE NO.	REV.
—	861-00007 ORIGINATED	*

B.L.M. P 755

DEC FORM NO. DRD 100-C

DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		

ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES					
		OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
SURFACE QUALITY IN ✓ MICROINCHES	MEDIUM ☐	±.004	±.008	±.012	±.016	±.024	±.04
	PREFERRED ☐	±.012	±.016	±.025	±.04	±.063	±0.1

QUANTITY & VARIATION

THIRD ANGLE PROJECTION

REMOVE BURRS AND BREAK SHARP CORNERS

DO NOT SCALE DWG

MATERIAL

FINISH

DRN. [illegible] 4-22-75
CHK'D T. McL. 4-22-75
ENG. G. Larson 5-2-75
PROJ. ENG G. Larson 5-2-75
PROD [illegible] 5-2-75
NEXT HIGHER ASSY.
B DD 861 0
SCALE
SHEET 1 OF 1

FIRST USED ON 361 P.C.

digital

TITLE
CIRCUIT SCHEMATIC 361-F P.C.

SIZE	CODE	NUMBER	REV.
D	05	361-F1	*

DIST.

REV. * | NUMBER 361-F1 | SIZE D CODE 05