

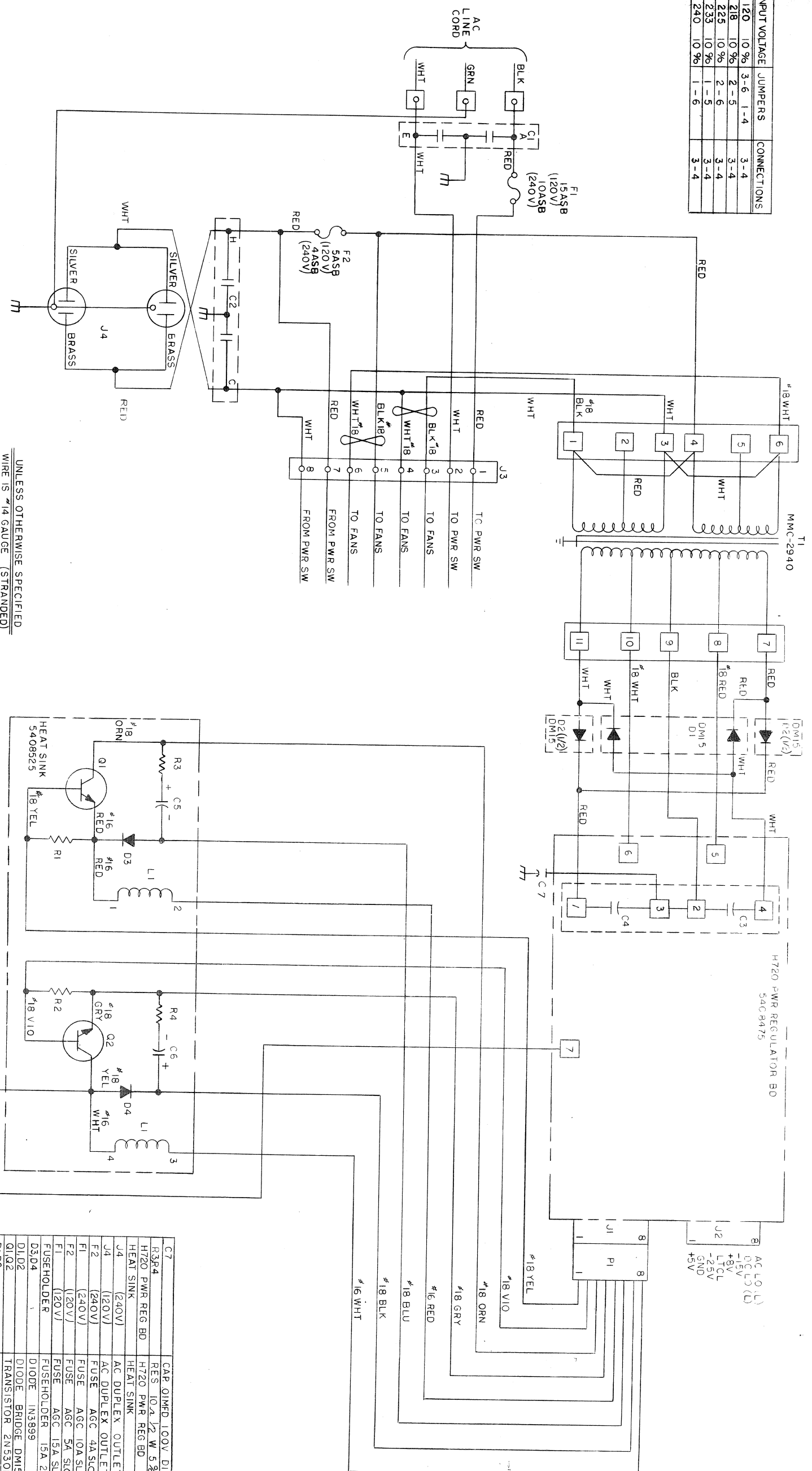
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS					QTY/VAR						
PARTS LIST											
MADE BY P. MARCOTTE		CHECKED K. RUSS		SECTION							
DATE 1/26/70		DATE 1/29/70		1							
ENG <i>C.B. Blair</i>		PROD <i>Thuc Donald</i>		ISSUED SECT.							
DATE 2/4/70		DATE 2/4/70		1							
ITEM NO.	DWG NO./PART NO. CL BASIC VAR.	DESCRIPTION			H720-A	H720-B	H720-C	H720-D	UNIT COST	UNIT QUANTITY	QUANTITY ISSUED
1	E-IA-5308519-0-0	PWR SUPPLY CHASSIS			1	1	1	1			
2	C-MD-5308518-0-0	PWR SUPPLY <del>COVER</del>			1	1	1	1			
3	C-MD-5308521-0-0	BRKT SUPPORT			2	2	2	2			
4	D-MD-5308520-0-0	CAPACITOR BRKT			1	1	1	1			
5	D-AD-5408525-0-0	HEAT SINK ASSY			1	1	1	1			
6	D-AD-5408475-0-0	PWR REGULATOR BD ASSY			1	1	1	1			
7	1609810	TRANSFORMER MMC 2940			1	1	1	1			
8	1105799	DIODE BRIDGE DM15			2	2	2	2			
9	1002153	CAPACITOR 0.1 MFD 1000V			2	2	2	2			
10	9007242	FUSEHOLDER 15 AMP 250 V			2	2	2	2			
11	9007223	FUSE AGC 15 AMP SLO-BLO			1		1				
12	9007222	FUSE AGC 5 AMP SLO-BLO			1		1				
13	9007220	FUSE AGC 4 AMP SLO-BLO				1		1			
14	9007225	FUSE AGC 10 AMP SLO-BLO				1		1			
15	1809668	ROME X 3/8 CONN			1	1	1	1			
16	1205351	AC DUPLEX OUTLET			1		1				
17	9008856	OUTLET DUPEX NEMA 6-15R				1		1			
18	9107673-15	#14/3 600V PWR CORD 15 FT LG			1	1	1	1			
19	1209340-00	AMP CONN #1-480459-0			1	1	1	1			
20	1209379-01	CONTACT AMP #60619-4			8	8	8	8			
21	1009189	CAPACITOR 22,000 MFD 50V			2	2	2	2			
22	B-DC-5308524-0-0	P/S DECALS			A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA			
TITLE		ASSY NO.		SIZE	CODE	NUMBER		REV.	ECO NO.		
H720 POWER SUPPLY		D-UA-H720-0-0		A	PL	H720-0-0		K	H720-00017		
SHEET 1 OF 4		DIST.		G							

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS					QTY/VAR						
PARTS LIST											
MADE BY P. MARCOTTE		CHECKED K. RUSS		SECTION							
DATE 1/27/70		DATE 1/29/70		1							
ENG <i>C.B. Blair</i>		PROD <i>Thuc Donald</i>		ISSUED SECT.							
DATE 2/4/70		DATE 2/4/70		1							
ITEM NO.	DWG NO./PART NO. CL BASIC VAR.	DESCRIPTION			H720-A	H720-B	H720-C	H720-D	UNIT COST	UNIT QUANTITY	QUANTITY ISSUED
23	9008196	CLIP ON RECEP #82-47-104-15 SOUTHCO			4	4	4	4			
24	9008198	1/4 TURN FASTENER #82-11-160-16 SOUTHCO			4	4	4	4			
25	9008200	1/4 TURN FAST RET RING #82-32-101-17 SOUTHCO			4	4	4	4			
26	9009054	POP RIVET SD43BS			8	8	8	8			
27	9006072-1	SCR PHL PAN PD #10-32 X 7/16 LG			4	4	4	4			
28	9006635	LOCK WASHER, INT TOOTH #10			10	10	12	12			
29	9006028-1	SCR PHL PAN HD #6-32 X 1" LG			2	2	2	2			
30	9007649	LOCKWASHER EXT TOOTH #6			12	12	16	16			
31	9006071	SCR PHL TRUSS HD #10-32 X 3/8 LG			4	4	2	2			
32	9007596	<del>CONN, ARKLESS #3000 M446</del>			<del>3</del>	<del>3</del>					
33	9007871	SPACER, 3/8 AF X 1" LG #10-32			4	4	6	6			
34	9006021-1	SCR, PHL PAN HD #6-32 X 5/16 LG			6	6	6	6			
35	9006037-1	SCR, PHL PAN HD #8-32 X 3/8 LG			6	6	6	6			
36	9006563	NUT, KEPS #8-32			6	6	6	6			
37	9006026-1	SCR, PHL PAN HD #6-32 X 3/4 LG			4	4	8	8			
38	9007928	CONN, ARKLESS #50364			4	4	4	4			
39	9007925	CONN, ARKLESS #3000-H21A			4	4	4	4			
40	9007917	CONN, ARKLESS #50902			36	36	36	36			
41	9107370-22	WIRE #14 AWG STRD TEF INS (RED)			A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA			
42	9107370-99	WIRE #14 AWG STRD TEF INS (WHT)			A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA			
	9107370-00	WIRE #14 AWG STRD TEF INS (BLK)			A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA			
	9107370-22	WIRE #14 AWG STRD TEF INS (RED)			A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA	A/PA/RA/RA			
TITLE		ASSY NO.		SIZE	CODE	NUMBER		REV.	ECO NO.		
H720 POWER SUPPLY		D-UA-H720-0-0		A	PL	H720-0-0		K	H720-00017		
SHEET 1 OF 4		DIST.		G							



THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE SCHEMATIC IS NOT TO BE USED FOR REPAIR OR MODIFICATION. COMPANY 1583 BY DIGITAL EQUIPMENT CORPORATION

INPUT VOLTAGE	JUMPERS	CONNECTIONS
120	10 96 3-6 1-4	3-4
218	10 96 2-5	3-4
225	10 96 2-6	3-4
233	10 96 1-5	3-4
240	10 96 1-6	3-4



UNLESS OTHERWISE SPECIFIED  
WIRE IS #14 GAUGE (STRANDED)

CIRCUIT SHOWN WIRED FOR 120V.  
FOR DIFFERENT VOLTAGE REFER TO JUMPER TABLE.

REV	CHG	NO	CHK
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10

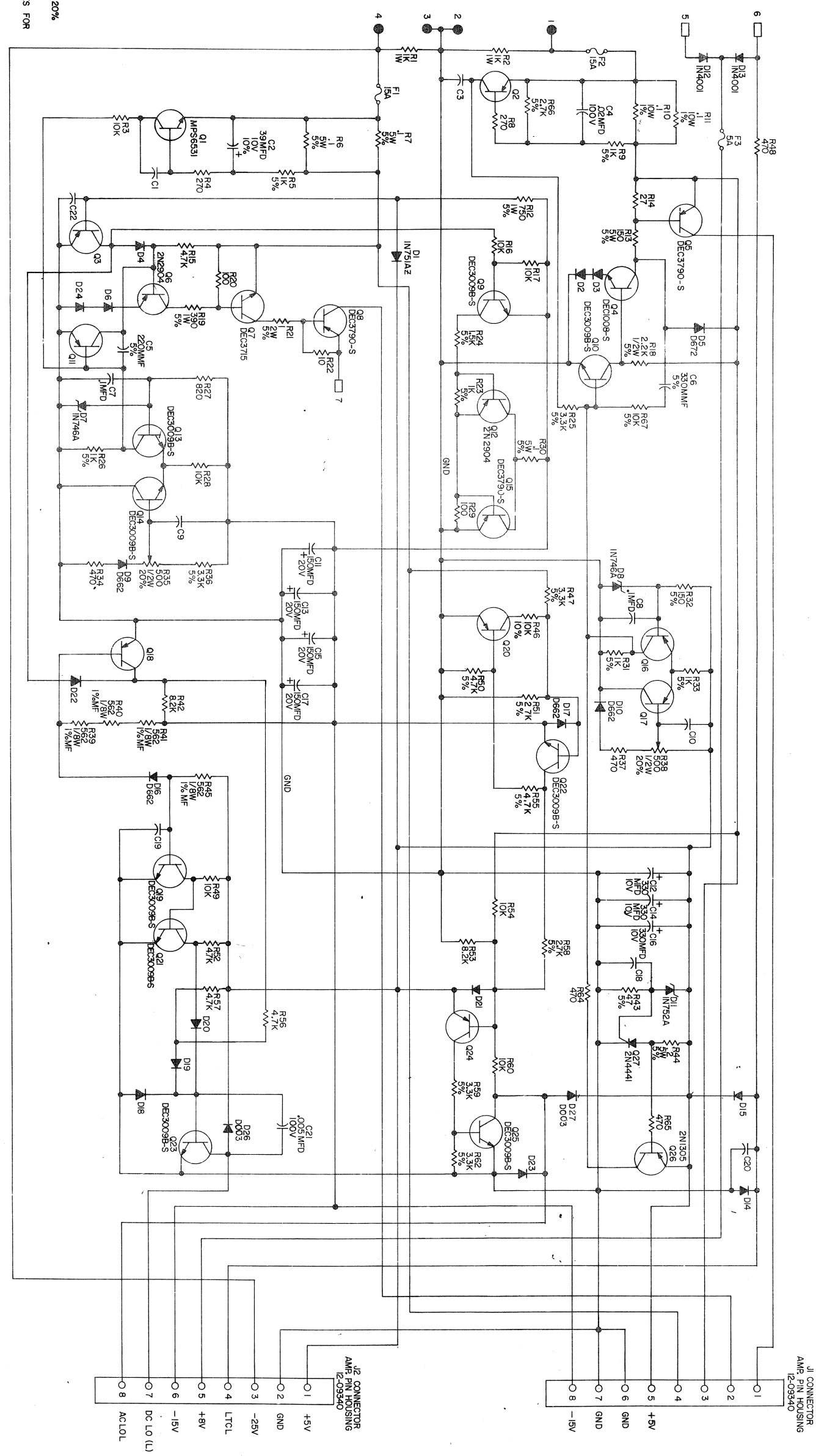
DATE	TIME	DATE	TIME	DATE	TIME
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10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00
10/1/70	10:00	10/1/70	10:00	10/1/70	10:00

TRANSISTOR & DIODE CONVERSION CHART	TRANSISTOR	DIODE	TRANSISTOR	DIODE
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893
2N301	2N301	1N3893	1N3893	1N3893

POWER SUPPLY H720

SIZE CODE 03 NUMBER H720-0-1 REV D

THIS SCHEMATIC IS FOR THE TEST AND MAINTENANCE PURPOSES. THE  
CIRCUITRY IS NOT TO BE USED FOR THE DESIGN OF THE EQUIPMENT.  
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UNLESS OTHERWISE INDICATED:  
RESISTORS ARE 1/4W, 10%  
CAPACITORS ARE 0.1MFD, 100V, 20%  
DIODES ARE D664  
TRANSISTORS ARE DEC634D  
● INDICATES 1/64 DIA HOLES FOR  
MOUNTING CAPACITORS  
□ INDICATES FAST ON TABS

NOTE: "A" BOARDS HAVE BEEN RETRO-FITTED  
TO "B" BOARD EXCEPT FUSE (F3-5AMP)  
NOTE: GROUND JUMPER WILL NOT SHOW ON CKT. SCHEM.

REV.	CHG. NO.	CHK.
A	000001	
B	000002	
C	000003	
D	000004	
E	000005	
F	000006	
G	000007	
H	000008	
I	000009	
J	000010	

DATE	BY	CHK.
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	

TRANSISTOR & DIODE CONVERSION CHART	DEC	EIA
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305
2N1305	2N1305	2N1305

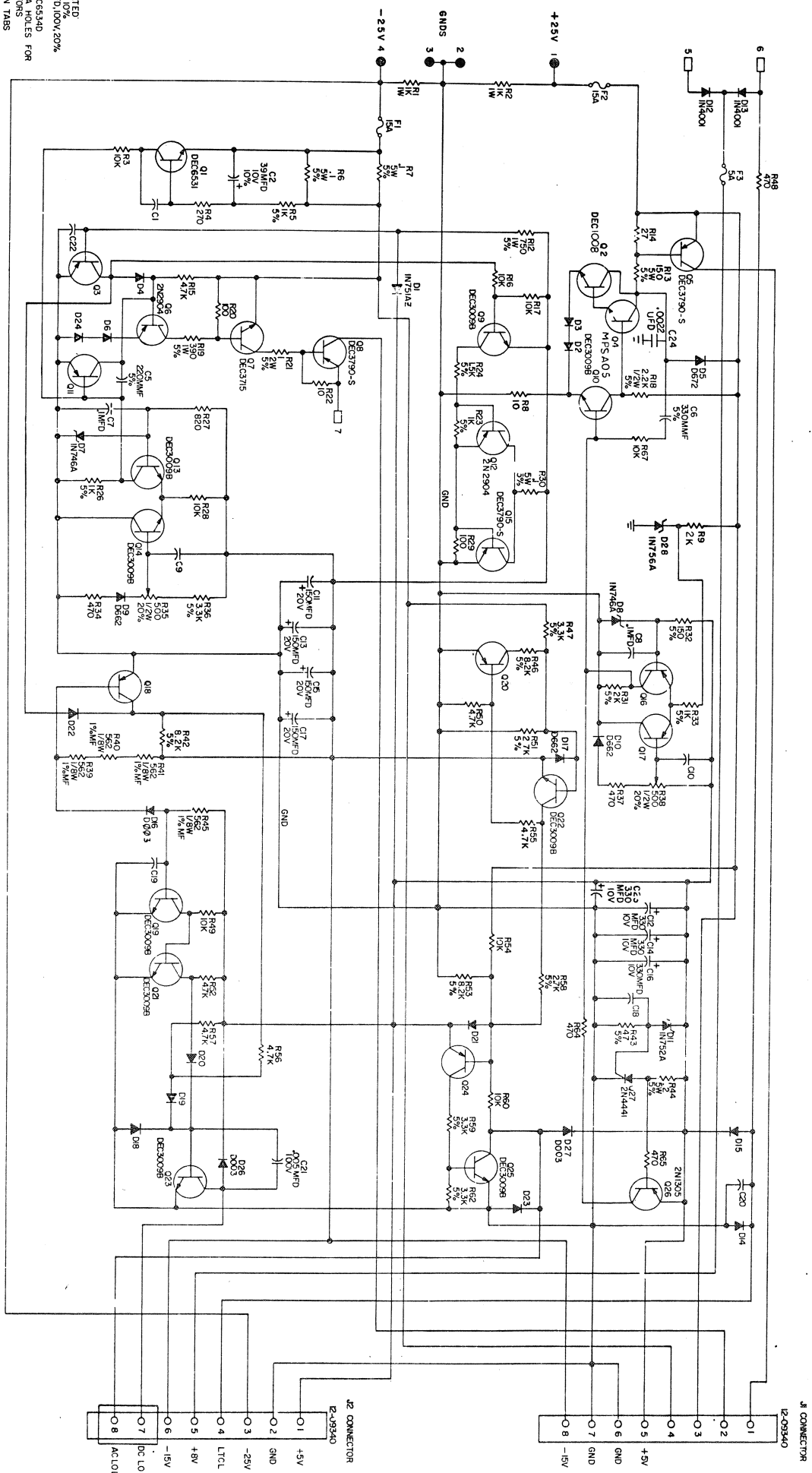
DATE	BY	CHK.
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	

DATE	BY	CHK.
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	
11/1/89	11/1/89	



THIS SCHEMATIC IS UNCLASSIFIED ONLY FOR THE UNITED STATES GOVERNMENT AND IS NOT TO BE RELEASED OR DISSEMINATED OUTSIDE THE UNITED STATES GOVERNMENT WITHOUT AUTHORIZATION.

1.0 1-0 292605 30 D



UNLESS OTHERWISE INDICATED  
RESISTORS ARE 1/4W, 10%  
CAPACITORS ARE 0.1UF, 10V, 20%  
TRANSISTORS ARE 2N1305  
INDICATES 1/8" DIA HOLES FOR  
MOUNTING CAPACITORS  
□ INDICATES FAST ON TABS

REV	CHG	NO	REV
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10

TRANSISTOR & DIODE CONVERSION CHART				
TRANSISTOR	DIODE	TRANSISTOR	DIODE	E.A.
2N1305	2N1305	2N1404	2N1404	
2N1404	2N1404	2N1406	2N1406	
2N1406	2N1406	2N1408	2N1408	
2N1408	2N1408	2N1410	2N1410	
2N1410	2N1410	2N1412	2N1412	
2N1412	2N1412	2N1414	2N1414	
2N1414	2N1414	2N1416	2N1416	
2N1416	2N1416	2N1418	2N1418	
2N1418	2N1418	2N1420	2N1420	

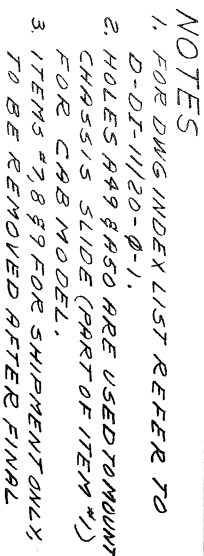
REGULATOR BOARD
5409267
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1
5409267-0-1

5409267-0-1-1-0 1-0 292605 30 D

0-0-02/11	UN	d	2	1
<p>NUMBER</p> <p>SIZE CODE</p>				

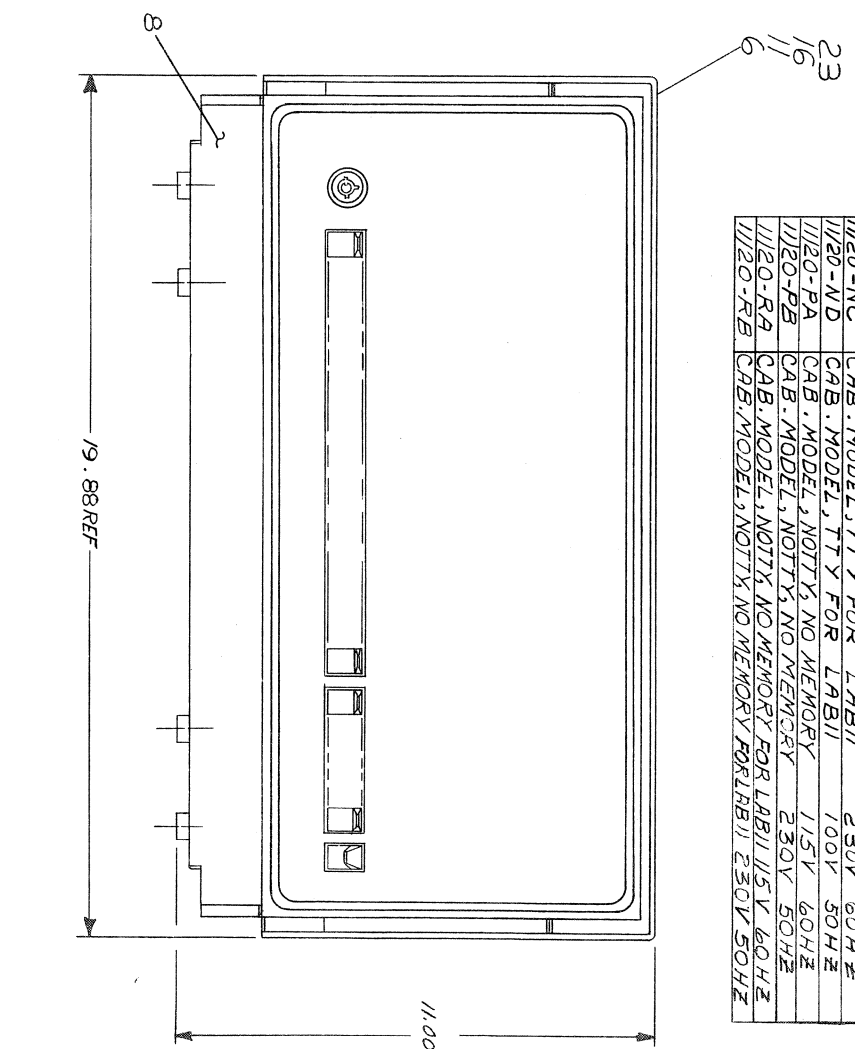
NOTES

1. FOR DWG INDEX LIST REFER TO




# NOTES

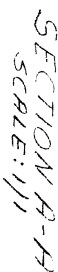
1. FOR DWG INDEX LIST REFER TO D-DI-11/20-Ø-1.
2. HOLES #49 & 50 ARE USED TO MOUNT CH#515 SLIDE (PART OF ITEM #1) FOR CAB MODEL.
3. ITEMS #78 & 79 FOR SHIPMENT ONLY, TO BE REMOVED AFTER FINAL SHIPMENT REAR SCREW OF BRKT TO BE INSTALLED BACK INTO TRACK SYSTEM WILL REQUIRE ADDITIONAL EXPANDER UNIT (ITEM #18) & #72Ø P/S (ITEM #3).
4. #92Ø INTERNAL BUS CONNECTED WITH EACH ADDITIONAL LOGIC OPTION. FOR CONNECTING OPTIONS IN BASIC UNIT WITHOUT-IONS IN EXPANDER UNIT (ITEM #18) USE CABLE BC11R-BF-Ø (PART OF ITEM #18).



FRONT VIEW (TABLE MODEL)  
OF BASIC UNIT WITH SUPER  
COVER. EXPANDER UNIT THE  
SAME EXCEPT IN PLACE OF  
ITEM\*1,6,11/16 USE ITEM\*8

FIRST USED ON OPTION/MODEL		DO NOT SCALE DRAWING		DATE		 EQUIPMENT CORPORATION <small>MEMPHIS, TENNESSEE 38101</small>	
PDP11		UNLESS OTHERWISE SPECIFIED		CHK'D		DATE	
		DIMENSIONS		DATE		DATE	
		TOLERANCES		DATE		DATE	
		DECIMALS FRACTIONS ANGLES		DATE		DATE	
		± .005 ± 1/64 ± .030		DATE		DATE	
		FINISH SURFACE QUALITY		DATE		DATE	
		REQUIRE BRIGHT SPEAK SHARP		DATE		DATE	
		CORNERS		DATE		DATE	
MATERIAL				DATE		DATE	
FINISH				DATE		DATE	
A-M-L-11/20-00				DATE		DATE	
SCALE 1/2				DATE		DATE	
SHEET 1 OF 2				DATE		DATE	
NEXT HIGHER ASSY				DATE		DATE	
SIZE CODE		NUMBER		REV			
D11A		11/20-0-0		D			
DIST. 6							
3		2		1			

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
DATE	DATE	DATE	DATE
CHKD. <i>W. J. Smith</i>	<i>11/20/00</i>	<i>11/20/00</i>	<i>11/20/00</i>
ENG. <i>W. J. Smith</i>	<i>11/20/00</i>	<i>11/20/00</i>	<i>11/20/00</i>
PROL. ENG.	DATE	DATE	DATE
	<i>11/20/00</i>	<i>11/20/00</i>	<i>11/20/00</i>
PROD. <i>W. J. Smith</i>	DATE	DATE	DATE
	<i>11/20/00</i>	<i>11/20/00</i>	<i>11/20/00</i>
NEXT HIGHER ASSY			
A-M-L-11/20-0			
SIZE CODE	NUMBER	REV.	
DUAL	11/20-0-0	D	
SHEET 1	OF 2		
DIST. 6			

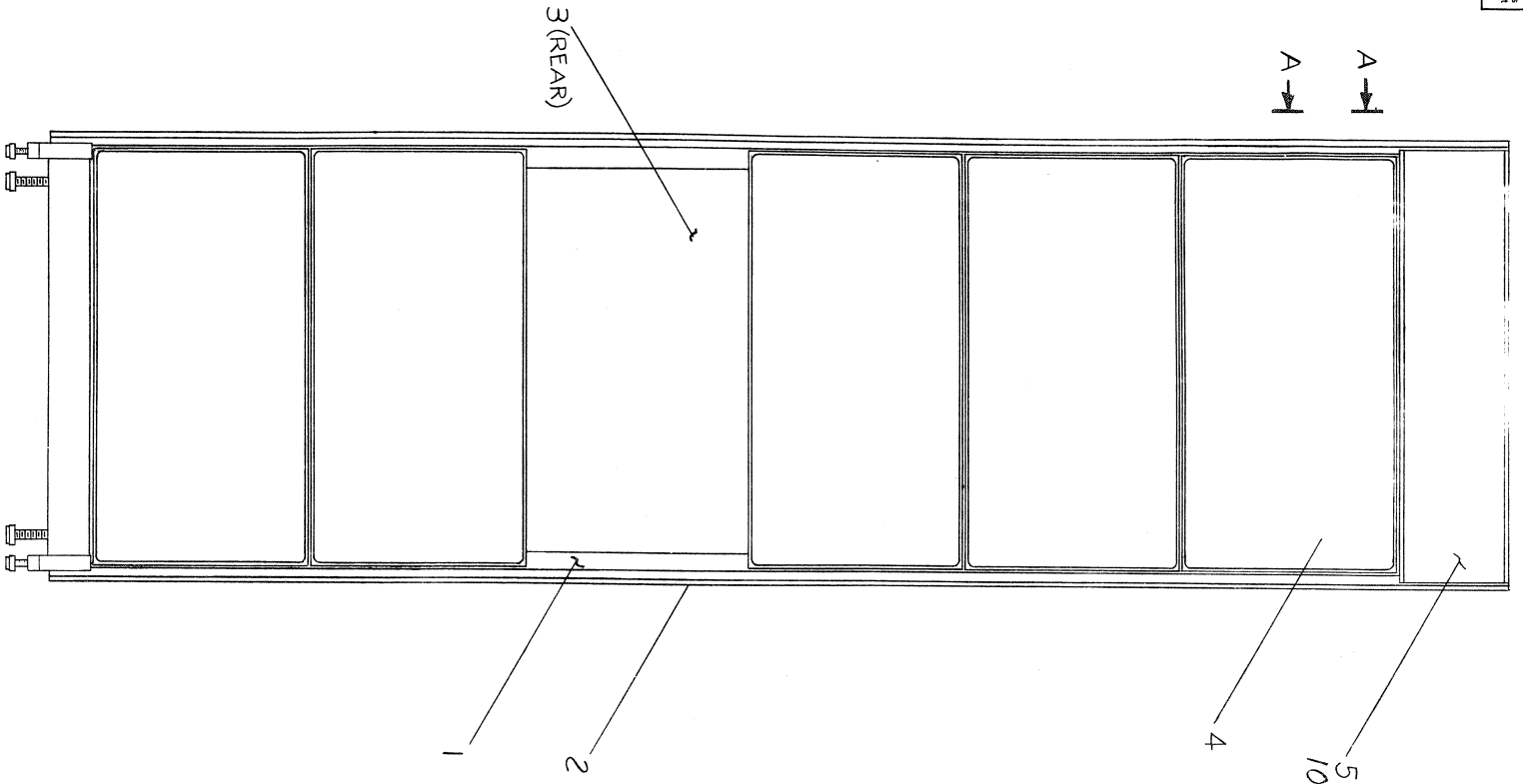
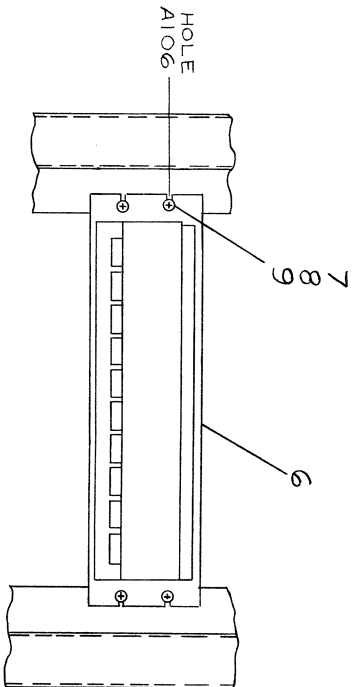


## CAB MODEL WITH EXPANDER UNIT

[illegible]

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- NOTES:
1. FOR DWG. INDEX LIST REFER TO D-DI-H960-C-0.
  2. FOR ASSEMBLY INSTRUCTIONS, SEE DWG. D-OC-H950-0-0 & D-OC-H952-0-0.
  3. FOR INSTALLATION IN PDP11 SYSTEM REFER TO DWG. D-UA-PDP11-20-0.



NEW  
0-3-0961H  
REV. 2

SIZE CODE  
DUAH960-C-0

REV.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
CABINET ASSY (PDP11)			
DIGITAL EQUIPMENT CORPORATION MASSACHUSETTS			
DUAH960-C-0			
REV.			

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED
TOLERANCES DIMENSION IN INCHES DECIMALS FRACTIONS ANGLES ± .010 ± .005 ± .005 FINAL SURFACE QUALITY = 70 REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL + + +
FINISH + + +

FIRST USED ON OPTION / MODEL  
PDP11

REVISIONS		
CHK	CHANGE NO.	REV.
<i>PH</i>	H960C-00001	—
WAS D-UA-H960-CA-0		
<i>E. Wilson</i> 9-23-71		
B. WEEKS		
<i>D Maedlin</i> 9-24-71		

DEC FORM NO. 100





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8

7

6

5

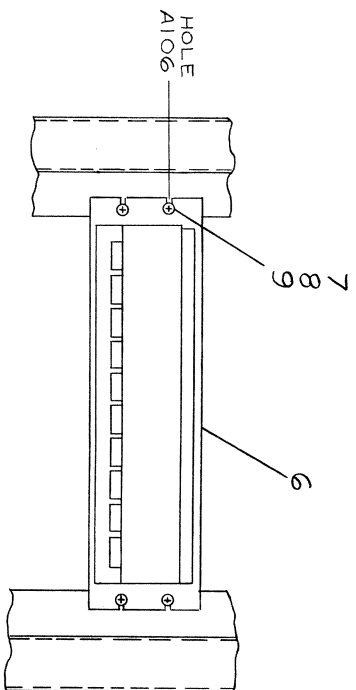
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3

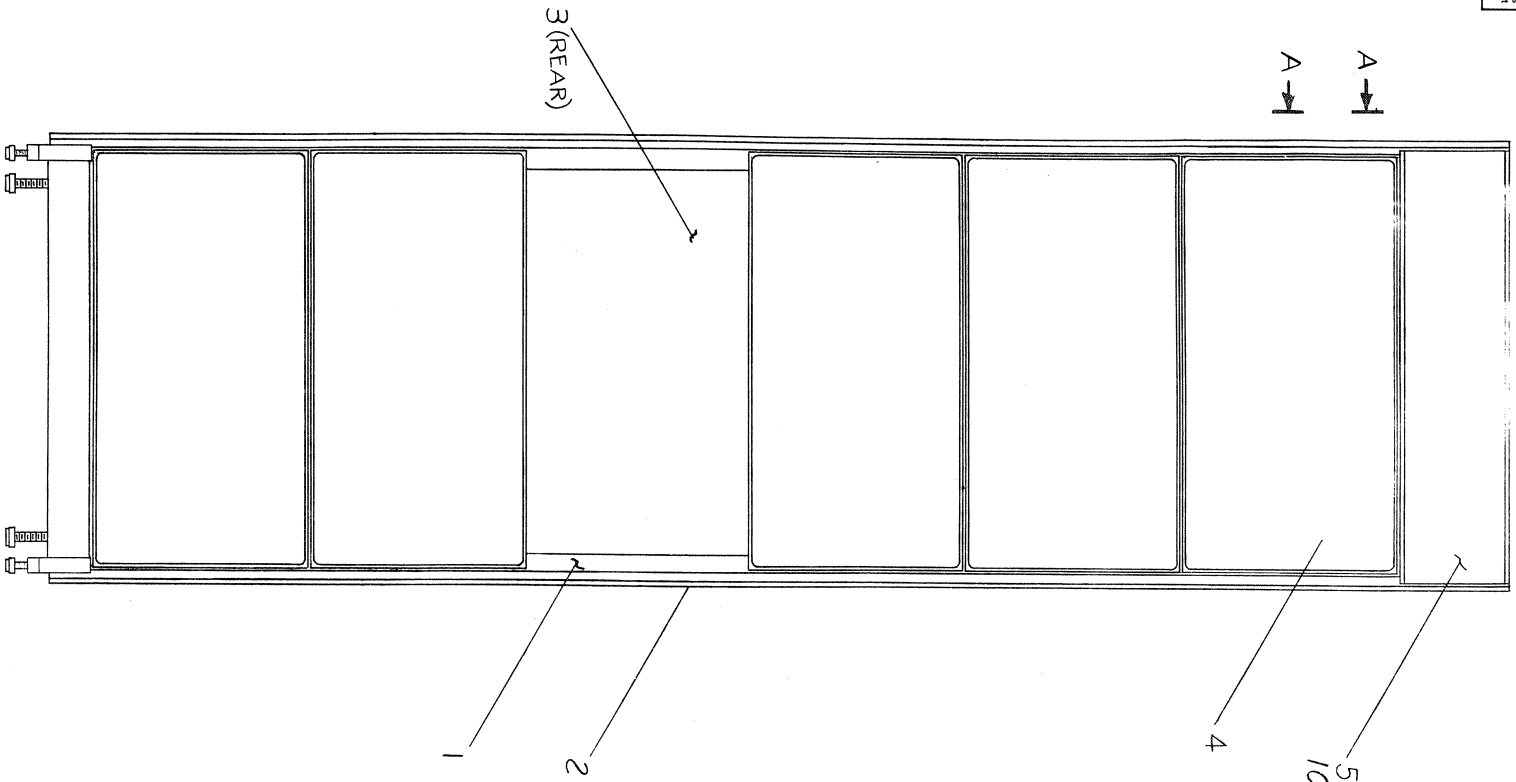
2

1

- NOTES:
1. FOR DWG. INDEX LIST REFER TO D-DI-H960-C-1
  2. FOR ASSEMBLY INSTRUCTIONS SEE DWG. D-OC-H950-0-0 & D-OC-H952-0-0.
  3. FOR INSTALLATION IN PDP II SYSTEM REFER TO DWG. D-UA-PDP11-20-0.



VIEW A-A  
SCALE: NONE  
VIEW SHOWN MINUS ITEMS 2 & 3



REVISIONS		
CHK	CHANGE NO.	REV.
	H960C-00001	1
WAS D-UA-H960-CA-0		
P. Wilson 9-23-71		
B. WEEKS		
D. Maeder 9-24-71		

FIRST USED ON OPTION / MODEL  
PDP11

DO NOT SCALE DRAWING  
UNLESS OTHERWISE SPECIFIED  
DIMENSION IN INCHES  
TOLERANCES  
DECIMALS FRACTIONS ANGLES  
± .005 ± .010 ± .015  
FINAL SURFACE QUALITY = 125  
REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL

FINISH

SCALE

SHEET

OF

1

QTY.	DESCRIPTION	PART NO.	ITEM NO.
------	-------------	----------	----------

PARTS LIST

digital EQUIPMENT CORPORATION  
LAWRENCE, MASSACHUSETTS

CABINET ASSY  
(PDP11)

SIZE CODE

NUMBER

REV.

DIST.

1

2

3

4

5

6

7

8

9

10

SIZE CODE  
DUAH960-C-0

REV.

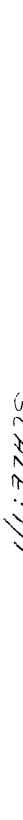
1

B

C

D

A

$\infty$ 

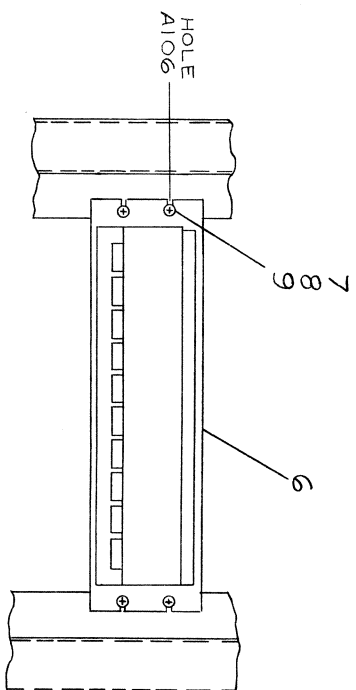
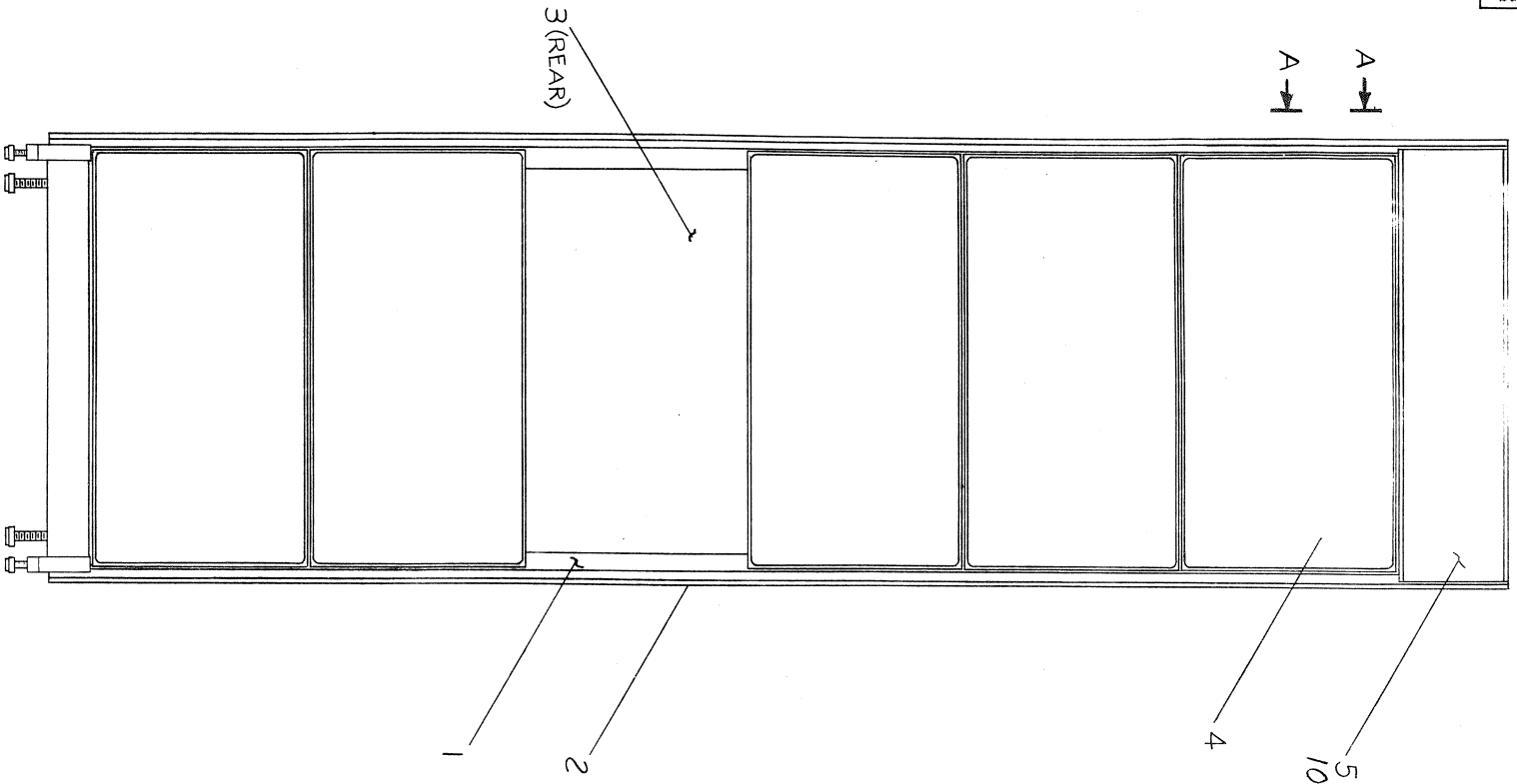
EC FORM NO		SHEET		OF		DIST.	
		7		3		6	

SHEET	OF	DIST.	6						
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SHEET	OF	DIST.	6						
-------	----	-------	---	--	--	--	--	--	--

This drawing and specifications, when taken in conjunction with the drawings of the parts and materials, shall be used for the manufacture or sale of items without further permission.

REVISIONS		
CHK	CHANGE NO.	REV.
<i>WAS</i>	H9600-00001	1
WAS D-UA-H960-CA-0		
<i>B. Wilson 9-23-71</i>		
B. WEEKS		
<i>D. Maeder 9-24-71</i>		



VIEW A-A  
SCALE: NONE  
VIEW SHOWN MINUS ITEMS 2 & 3

- NOTES:
1. FOR DWG INDEX LIST REFER TO D-D1-H960-C-1
  2. FOR ASSEMBLY INSTRUCTIONS, SEE DWG. D-OC-H950-0-0 & D-OC-H952-0-0.
  3. FOR INSTALLATION IN PDP-11 SYSTEM REFER TO DWG D-UA-PDP11-20-0.

REV. 0-096H1A 2

SIZE CODE DUAH960-C-0

FIRST USED ON OPTION / MODEL  
PDP11

DO NOT SCALE DRAWING  
UNLESS OTHERWISE SPECIFIED  
DIMENSION IN INCHES  
TOLERANCES  
DECIMAL FRACTIONS  
± .005  
FINAL SURFACE QUALITY  
REMOVE BURRS AND BREAK SHARP  
CORNERS

MATERIAL

FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
------	-------------	----------	----------

DATE	BY	CHKD	APP'D
9/24/71	<i>B. Wilson</i>	<i>B. Wilson</i>	<i>B. Wilson</i>
9/24/71	<i>D. Maeder</i>	<i>D. Maeder</i>	<i>D. Maeder</i>

DATE	BY	CHKD	APP'D
9/24/71	<i>B. Wilson</i>	<i>B. Wilson</i>	<i>B. Wilson</i>
9/24/71	<i>D. Maeder</i>	<i>D. Maeder</i>	<i>D. Maeder</i>

DATE	BY	CHKD	APP'D
9/24/71	<i>B. Wilson</i>	<i>B. Wilson</i>	<i>B. Wilson</i>
9/24/71	<i>D. Maeder</i>	<i>D. Maeder</i>	<i>D. Maeder</i>

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9/24/71	<i>B. Wilson</i>	<i>B. Wilson</i>	<i>B. Wilson</i>
9/24/71	<i>D. Maeder</i>	<i>D. Maeder</i>	<i>D. Maeder</i>

CABINET ASSY  
(PDP11)

SIZE CODE	NUMBER	REV.
DUA	H960-C-0	