

R. Tinga.

H720
power supply and
mounting box
engineering drawings

H720 Power Supply & Mounting Box

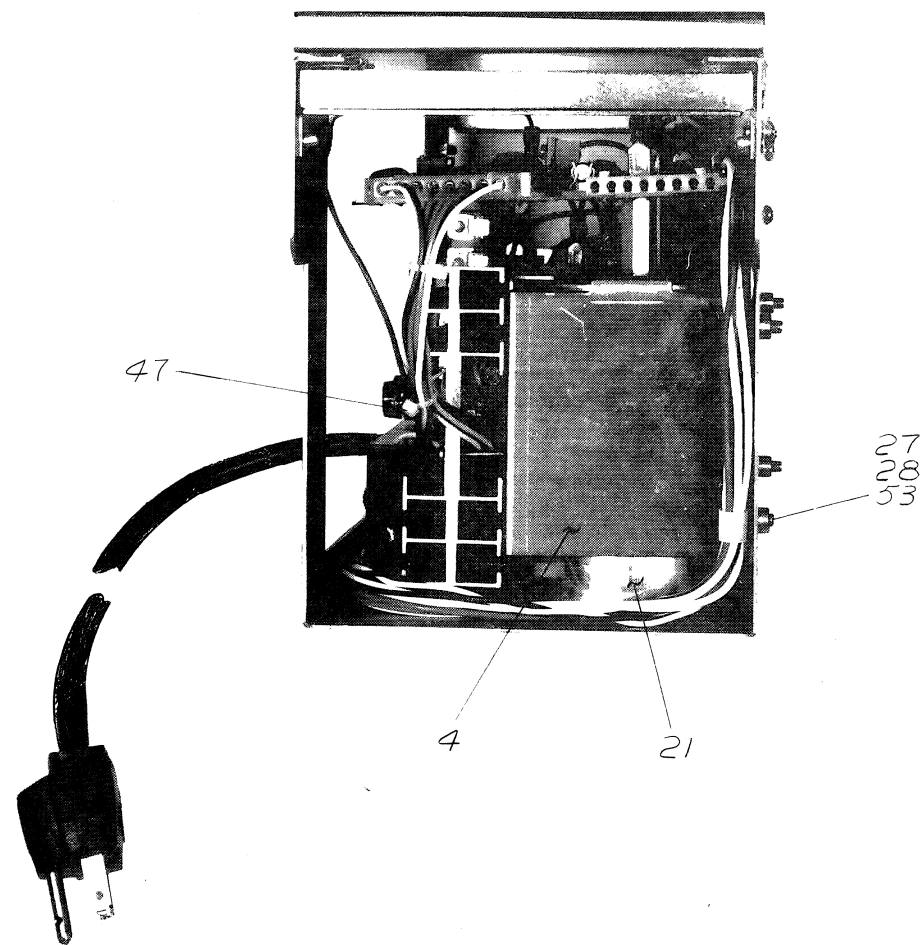
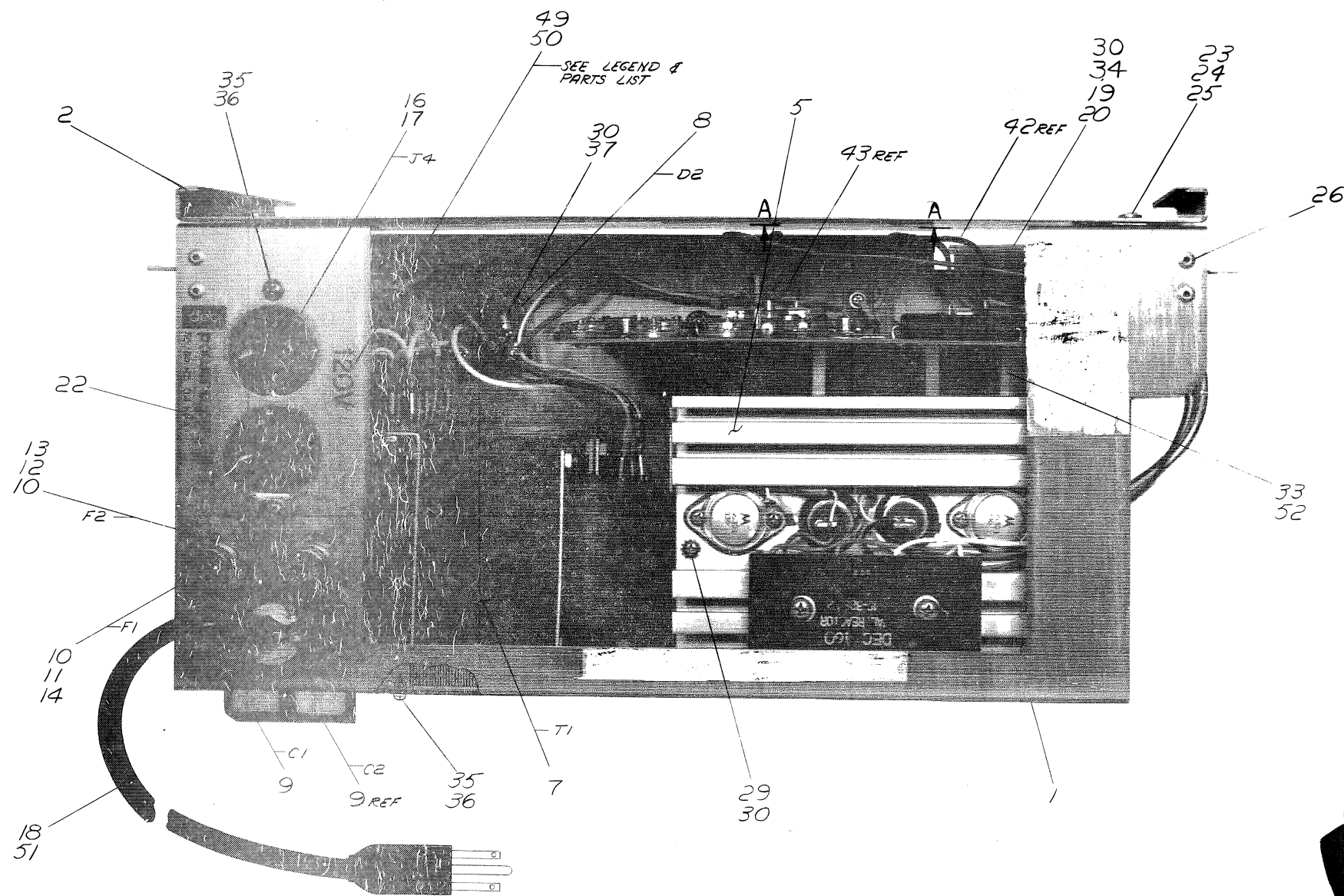
D-UA-H720-0-0	4	H720 Power Supply
A-PL-H720-0-0	3	H720 Power Supply (parts list)
D-CS-H720-0-1	1	H720 Circuit Schematic
D-CS-5408475-0-1	1	Power Regulator Board Assembly (A & B Models)
D-CS-5409267-0-1	1	Power Regulator Board Assembly (E & F Models)
D-UA-11/20-0-0	2	Basic Assy/Configuration (PDP-11)
D-UA-H960-C—0	1	Cabinet Assembly (PDP-11)
D-UA-KY11-A-0	1	Console Assembly KY11-A
D-UA-KY11-B-0	1	Console Assembly KY11-B
D-UA-KY11-C-0	1	Console Assembly KY11-C
E-UA-H952-HA-0	1	Table Assembly
E-UA-BA11-0-0	1	Chassis Assembly (BA11)

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LEGEND	
PART NUMBER	VARIATION
H720-A	120V 50/60HZ SHOWN
H720-B	240V 50/60 HZ
H720-C	120 V SEE SHT 4 OF 4
H720-D	240V SEE SHT 4 OF 4

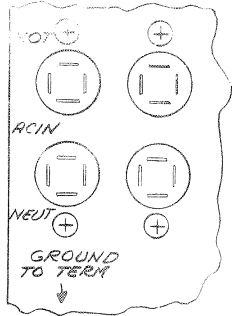
NOTES
1 FOR
TO D

REFER



REVISIONS		
CHK	CHANGE NO.	REV
and	H720-00005	D
SHTS. OF 2 REVISED REDRAWN		
Cathy Mearns 6-11-70		
R. CADD		
C. Ziegler 6-11-70		
	H720-00008	E
and Mearns 7-2-70		
R. CADD		
C. Ziegler (for K. Galy)		
FV	H720-00010	F
C. Ziegler 7-30-70		
WEEKS		
B. D. Wheeler 10-2-70		
FV	H720-00011	H
B. D. Wheeler 1-7-71		
WEEKS		
B. D. Wheeler 1-18-71		
FV	H720-00013	J
C. Ziegler 2-3-71		
WEEKS		
B. D. Wheeler 3-3-71		
FV	H720-00017	K
M. Spencer 10-5-71		
B. WEEKS		
C. D. G. Galy 10-15-71		

This drawing is a schematic diagram and the only way to determine the correct wiring is by the manufacturer's instructions. It is not to be used as a basis for construction unless it is written as such.



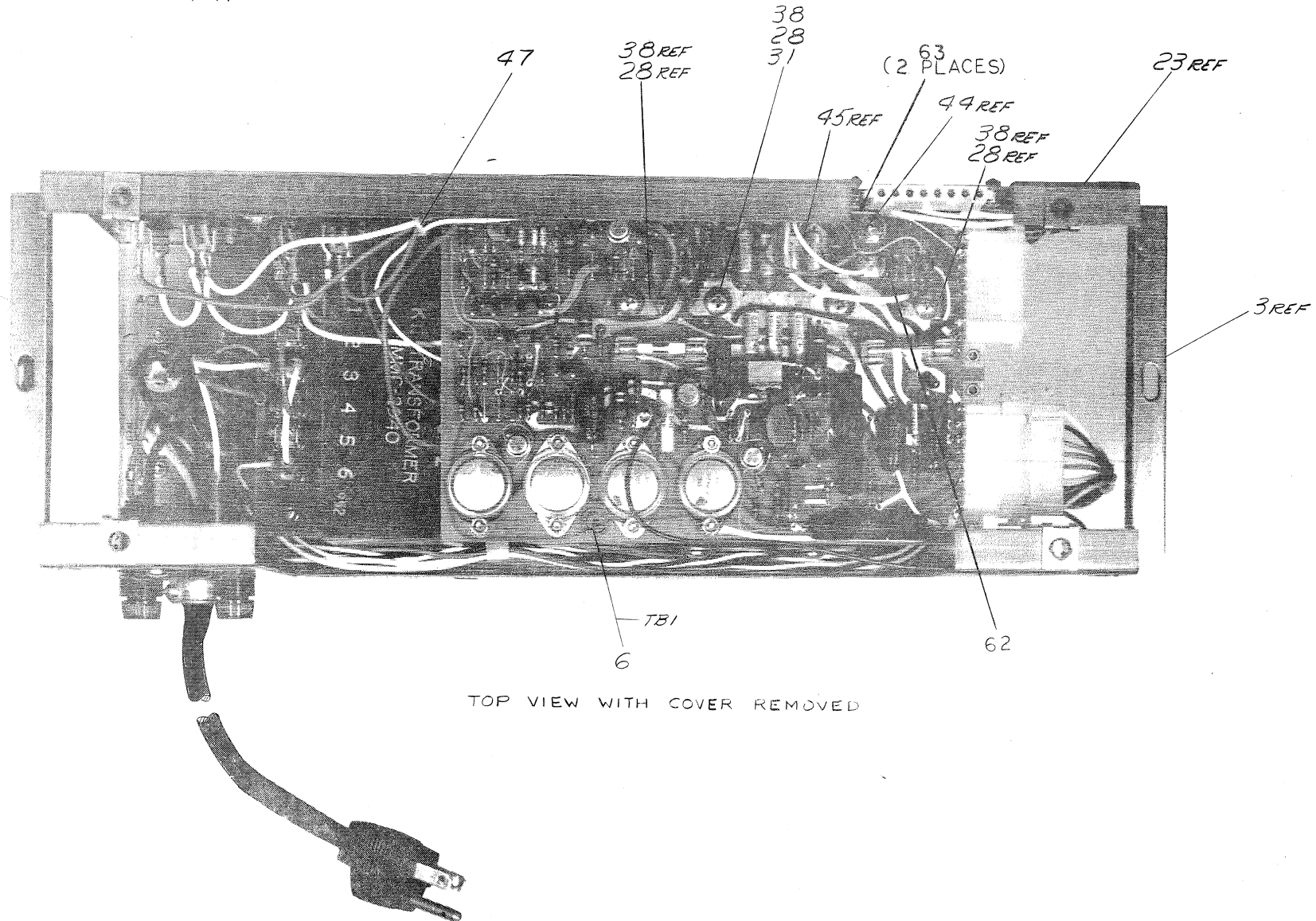
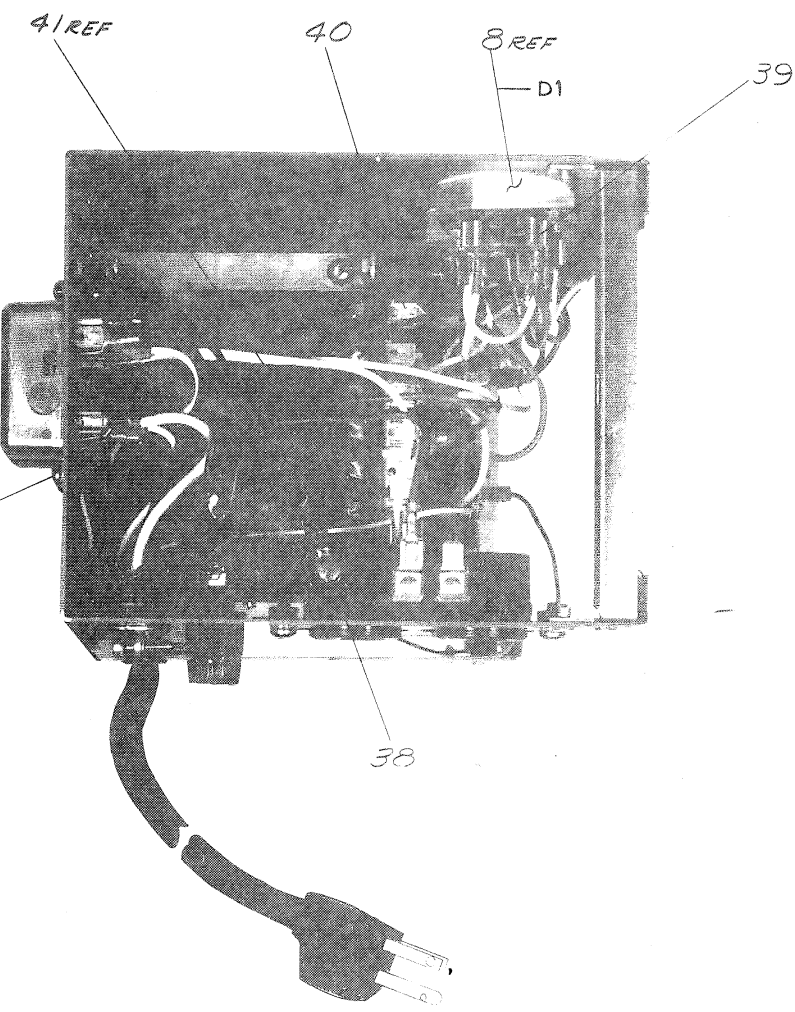
VIEW B-B

22 REF

CAUTION CHECK TRANSFORMER TAPS BEFORE USING		
INPUT VOLTAGE	JUMPER	LINE
120 10%	3-6, 1-4	3, 4
218 10%	2-5	3, 4
225 10%	2-6	3, 4
233 10%	1-5	3, 4
240 10%	1-6	3, 4

VIEW A-A

2 REF



TOP VIEW WITH COVER REMOVED

REV.	CHANGE NO.	CHK.

FIRST USED ON OPTION/MODEL
PDP 11/20

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		
TOLERANCES	FRACTIONS	ANGLES
DECIMALS	± .005	± 1/64
FINAL SURFACE QUALITY	1	± 0°30'
REMOVE BURRS AND BREAK SHARP CORNERS		
MATERIAL		
FINISH		

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	MARCOTTE	DATE	1-28-70
CHK'D.	RUSS	DATE	2-3-70
ENG.	BLASI	DATE	2-4-70
PROJ. ENG.	CADY	DATE	2-4-70
PROD.	MAC DONALD	DATE	2-4-70
DUA-11/20-0-0			
SCALE		SIZE/CODE	NUMBER
SHEET 2	OF 4	DUA	H720 0-0
DIST.			

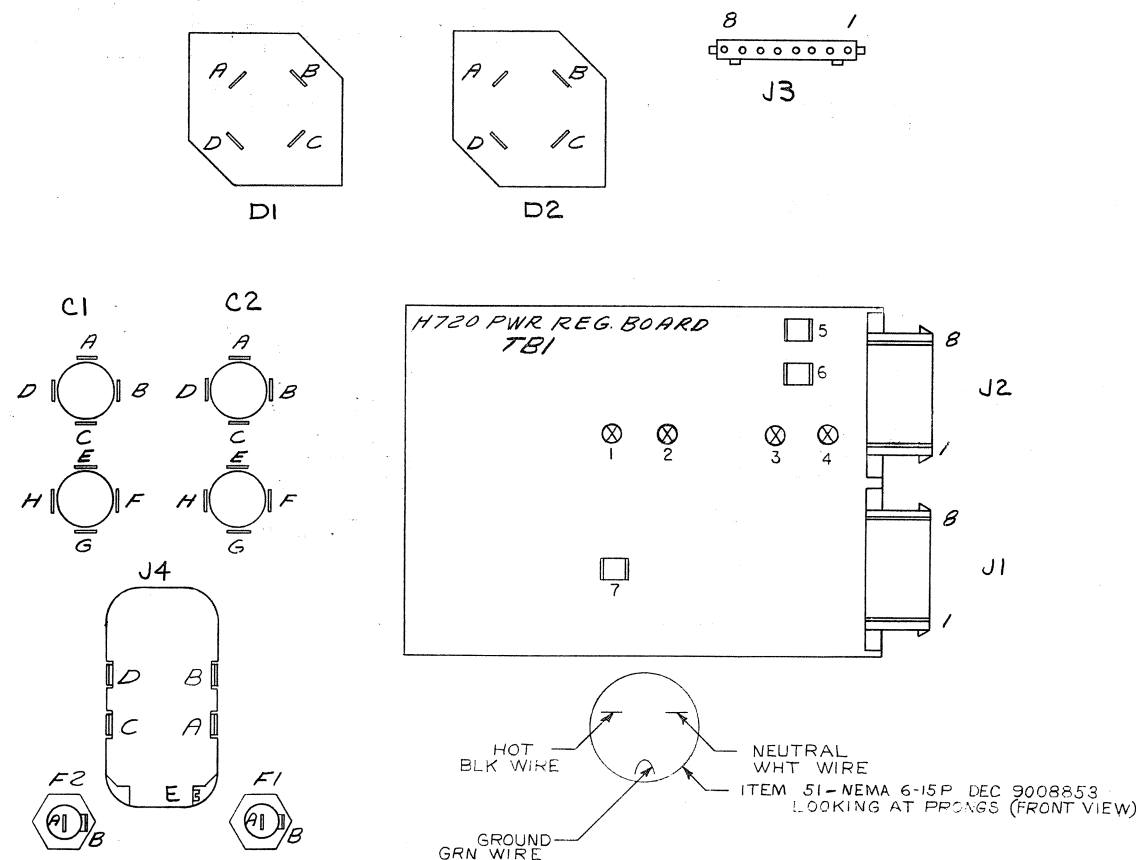
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
H720 POWER
SUPPLY ASSEMBLY

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WIRE TABLE						WIRE TABLE					
ITEM NO.	AWG	COLOR	FROM CONNECTION	WITH CONNECTION	TO CONNECTION	ITEM NO.	AWG	COLOR	FROM CONNECTION	WITH CONNECTION	TO CONNECTION
5	22	BRN	—	—	TB1-7	42	14	WHT	T1-3	ITEM40	T1-6
5	—	—	—	—	J1	42	14	WHT	T1-3	ITEM40	C2-B
18	14	BLK	—	—	C1-A	42	14	WHT	T1-11	ITEM40	D2-D
18	14	WHT	—	—	C1-E	42	14	WHT	C2-C	ITEM40	J4-A
18	14	GRN	—	—	J4-E	42	14	WHT	C2-D	ITEM40	J3-8
*41	14	RED	T1-1	ITEM40	T1-4	42	14	WHT	C1-F	ITEM40	J3-2
41	14	RED	T1-7	ITEM40	D2-B	42	14	WHT	D1-B	ITEM39	TB1-4
41	14	RED	C2-E	ITEM40	J3-7	42	14	WHT	D1-B	ITEM40	D1-D
41	14	RED	C2-F	ITEM40	F2-A	42	14	WHT	D1-C	ITEM40	D2-D
41	14	RED	C2-H	ITEM40	J4-C	43	14	BLK	T1-9	ITEM40	TB1-2
41	14	RED	C1-B	ITEM40	F1-A	45	18	WHT	T1-10	ITEM40	TB1-6
41	14	RED	F1-B	SOLDER	J3-1	46	18TWP	WHT	T1-6	ITEM40	J3-6
41	14	RED	T1-4	ITEM40	F2-B	46	18TWP	BLK	F2-B	SOLDER	J3-5
41	14	RED	D1-A	ITEM40	D2-B	46	18TWP	WHT	C2-A	ITEM40	J3-4
41	14	RED	D2-A	ITEM39	D2-C	46	18TWP	BLK	T1-1	ITEM40	J3-3
41	14	RED	D2-A	ITEM40	TB1-1	44	18	RED	T1-8	ITEM40	TB1-5
						63	CAP.		TB1-3	ITEM 63	GND

NOTES:

1. WIRING IN CHART IS FOR H720-A P/S TO CONVERT TO H720-B P/S DELETE WIRING FROM T1-3 TO T1-6 & T1-1 TO T1-4, SHOWN BY ASTERISK (*), ADD WIRE FROM T1-1 TO T1-6
2. ITEM 51 SHOWN FOR PROPER POWER WIRING OF 240VOLT PLUG



FIRST USED ON OPTION / MODEL
PDP11/20

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>W. Russell</i> DATE: <i>2-2-70</i>			
CHK'D: <i>A. Russ</i> DATE: <i>2-3-70</i>			
ENG: <i>W. Russell</i> DATE: <i>2-4-70</i>			
PROJ. ENG: <i>W. Russell</i> DATE: <i>2-14-70</i>			
PROD. <i>Throckmold</i> DATE: <i>2/19/70</i>			
NEXT HIGHER ASSY D-UA-11/20-0-0			
SCALE: <i>1-1</i>			
SHEET 3 OF 4			
TITLE H720 POWER SUPPLY ASSEMBLY			
SIZE CODE DUAH720-0-0			
NUMBER REV. K			

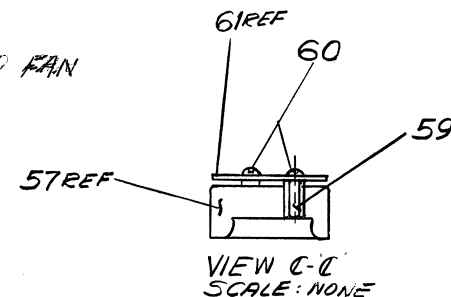
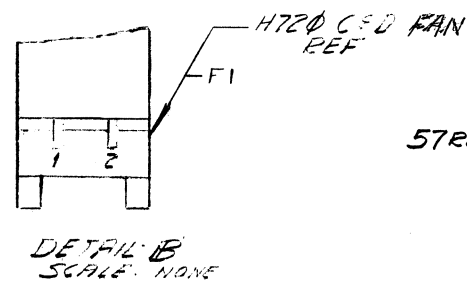
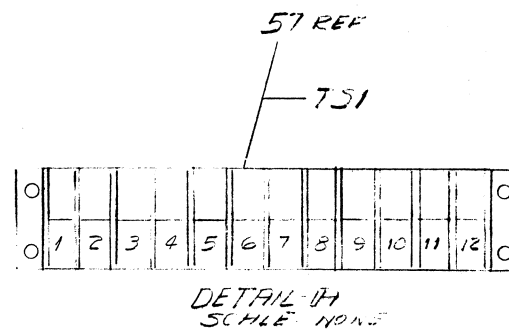
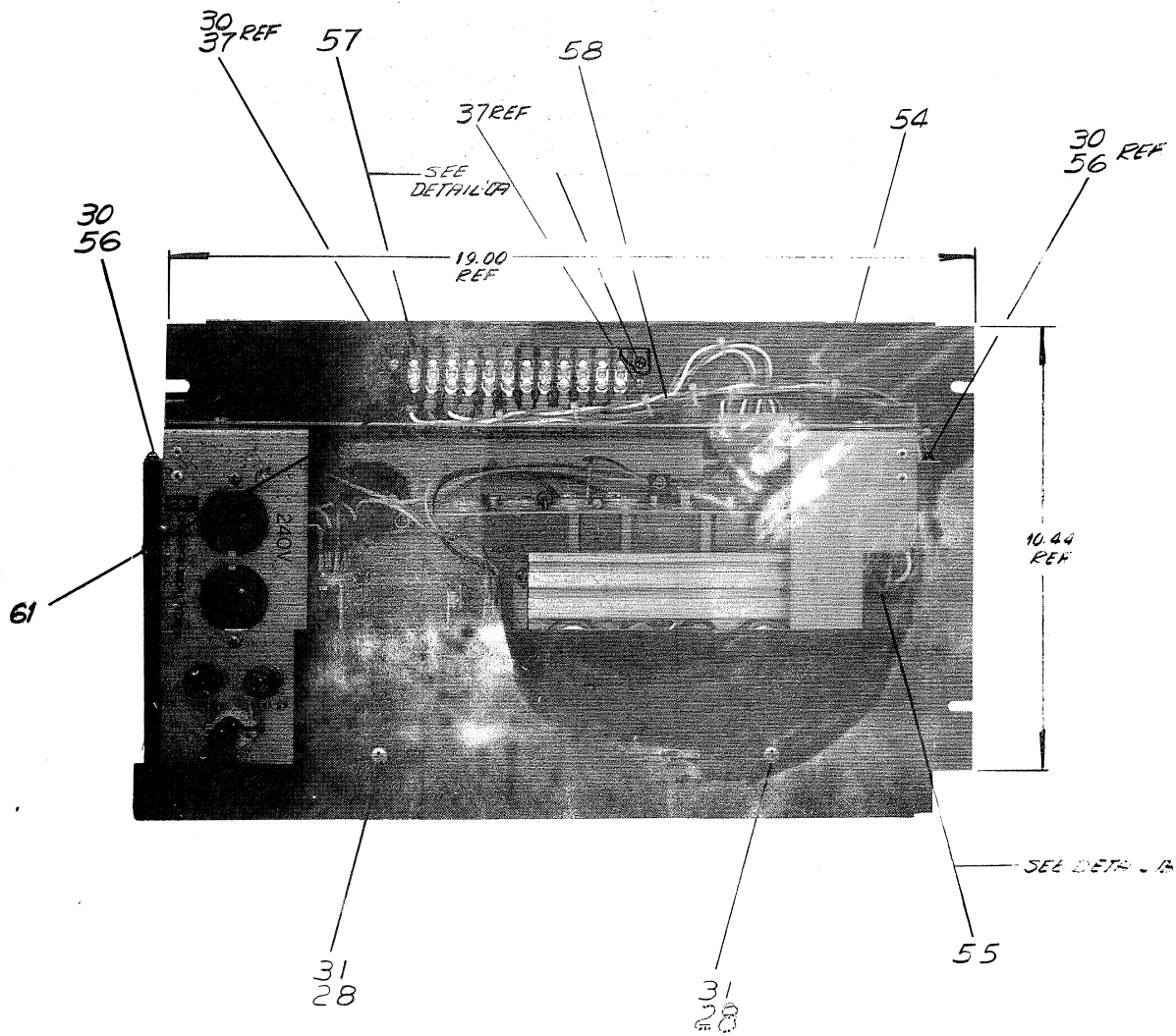
REVISIONS
CHK CHANGE NO. REV.

DEC FORM NO.
GRD 100

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WIRE TABLE					
ITEM NO.	DESCRIPTION	FROM HARNESS	TO P.S.	LOCATION	REMARKS
58	14	WHT	1	TS1-1	---
	14	RED	2	TS1-2	---
	14	WHT	3	TS1-3	---
	14	RED	4	TS1-4	---
	14	WHT	5	TS1-3	---
	14	RED	6	TS1-4	---
58	22	YEL	7	TS1-5	---

WIRE TABLE					
ITEM NO.	DESCRIPTION	FROM HARNESS	TO P.S.	LOCATION	REMARKS
58	22	VIO	8	TS1-6	---
	14	BLU	9	TS1-7	---
	22	OR	10	TS1-8	---
	22	BRN	11	TS1-9	---
	22	GRN	12	TS1-10	---
	14	BLK	13	TS1-11	---
58	14	RED	14	TS1-12	---
58	14	RED	15	F1-2	SOLDER 55
58	14	WHT	16	F1-1	SOLDER 55



FIRST USED ON OPTION/MODEL
PDP 11/20

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY 1
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
H
FINISH
H

QTY.	DESCRIPTION	PART NO.	ITEM NO.
DRN	DATE 10-1-70		
CHKD	DATE 10-13-70		
ENG	DATE 10/15/70		
PROJ. ENG.	DATE 10/15/70		
PROD.	DATE 10/15/70		
NEXT HIGHER ASSY D-4A 11/20-0-0			
SCALE NONE			
SHEET 4 OF 4			
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE H 720 POWER SUPPLY ASSEMBLY			
SIZE CODE DUA	NUMBER H720-0-0	REV. K	