

ITEM NO.	PART NUMBER							UNIT QTY	DESCRIPTION	MFG.	REFERENCE
	1	2	3	4							
1	0	0	4	9	5			1	HRZ HD5 P.S PCB ASSY		C 00495
2											
3		0	0	4	9	3		REF	SCHEMATIC		C 00493
4											
5		0	0	4	9	4		1	HRZ HD5 P.S PCB FAB		C 00494
6											
7											
8		6	5	0	2	9		1	VOLTAGE REGULATOR LAS1912		VR1
9											
10											
11		6	5	0	0	2		1	VOLTAGE REGULATOR 7805		VR2
12											
13											
14		0	1	0	0	1		2	CAPACITOR .047 μ F CER DISK		C1, C2
15											
16		1	3	0	9	4-09		1	CONNECTOR, MALE, 9PIN, .156 SPACING		J1, w/ Pin #7 REMOVE
17											
18		3	8	0	8	8-08		3	SCREW, MACH, PH, XREC, 6-32 x 1/2		VR1(2), VR2(1)
19											
20		3	8	0	0	2		4	WASHER, LOCK, INT TOOTH, #6		VR1(3) VR2(1)
21											
22		3	8	0	1	1		3	HEX-NUT 6-32		VR1(2), VR2(1)
23											
24		0	0	4	9	6		1	HEATSINK, HRZ MINI HD P.S, FAB		C 00496
25											
26		3	8	0	9	6		1	INSULATOR, MICA, TO-3 PATTERN		(VR1)
27											
28		3	8	0	9	7		1	INSULATOR, MICA, TO-220 PATTERN		(VR2)
29											
30		3	8	0	9	5		AR	THERMAL COMPOUND		(VR1, VR2)
31											
32		0	0	9	4	7-16		1	SPEC-A/W PCB SERIAL NUMBER LABEL "HD-5 REG".		
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REVIS.	INITIAL RELEASE	PREPARED	CHECKED	DATE	DATE	DATE	
	SAR 8-19-81	P.A.	EW	5-7-81	8-11-81	2/17/81	
ISSUE	ACN#335						TITLE
	J.F. 1-14-82						HRZ HD-5 PWR SUPPLY PCB ASSY P/L
A	ACN#346						PL 00582
B	J.F. 1-18-82						PL 00800
C							PL 00495
		USED ON	NEXT ASSY	SHEET		1	OF 1

18 (2 PLCS)
20 (3 PLCS)
22 (2 PLCS)

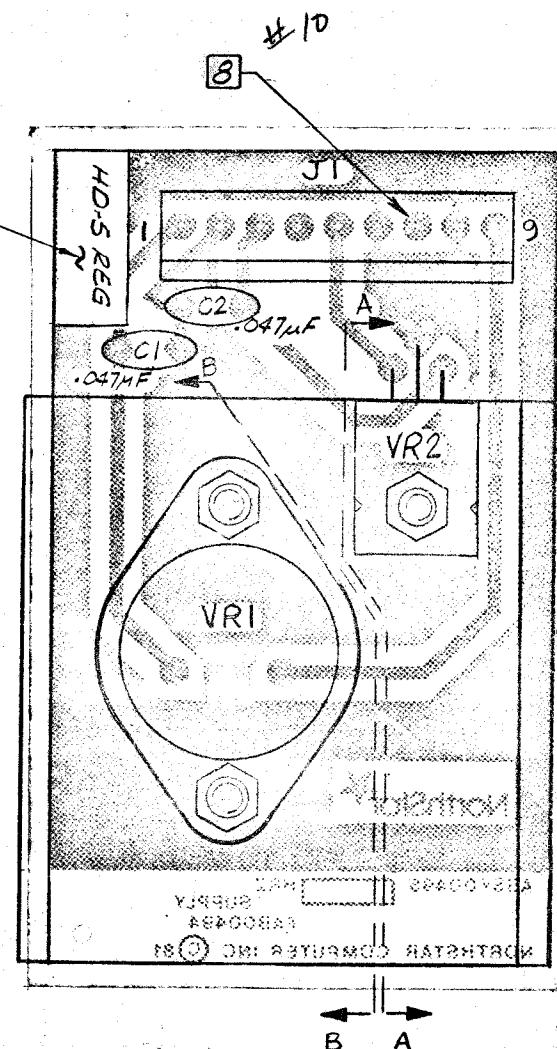
24

26
30
7

6
(3 PLCS)

VIEW B-B

32

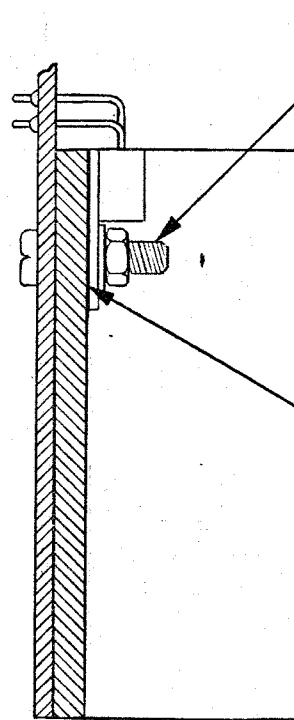


COMPONENT SIDE

VIEW A-A

18
20
22
24

28
30
7



#3

4

2

ASSY 00495 C HRZ HD-5
PWR SUPPLY
S/N B-1-A FAB 00494 B
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SOLDER SIDE

- #10 8 REMOVE PIN #7 OF J1 BEFORE INSERTING INTO BOARD.
7 THERMAL COMPOUND APPLIED ABOVE AND BELOW INSULATOR.
6 TORQUE TO 5 IN-LBS MINIMUM.
#7 5. TOOLING HOLE MUST BE FREE OF SOLDER.
#3 4 MARK ASSEMBLY REVISION IN AREA SHOWN.
3. REFERENCE DOCUMENTS: SCHEMATIC-00493.
FABRICATION-00494.

#3 2 THIS PCB ASSY TO BE CODED "B-1-A" IN AREA SHOWN, WHEN COMPLETED.
FABRICATION REVISION (USE BLACK INDELIBLE INK)
MODIFICATIONS APPLIED
SCHEMATIC REVISION

1. THIS ASSY DRAWING TO BE USED FOR PCB FABRICATION REV "B" ONLY.

NOTES: UNLESS OTHERWISE SPECIFIED,

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UNLESS OTHERWISE SPECIFIED ALL METAL PARTS MUST BE FREE OF BURRS AND SHARP EDGES ALL SURFACES TO BE ✓		DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES		NorthStar	
TOLERANCES: DECIMALS ANGLES ± 1° .X ± .030 FRACTIONS ± 1/16 .XX ± .020 .XXX ± .010		DRAWN P-A DATE 5-7-81 CHECKED EW 8-14-81 ENG MGR 8-14-81 WFO 8/17/81 C0582 HRZ HD-5 00800		TITLE HORIZON HD-5 POWER SUPPLY PCB ASSEMBLY	
MATERIAL		MODEL NEXT ASSY		SIZE DWG NO. #1 REV #2 C 00495	
FINISH		SCALE 2 / 1		SHEET 1 OF 1	

NorthStar 

SEIKO-AAF

A88Y00495

HRZ HD-5

09-84

PWR SUPPLY
FAB00494B

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