

CARVER  
AV-806X  
SCHEMATICS

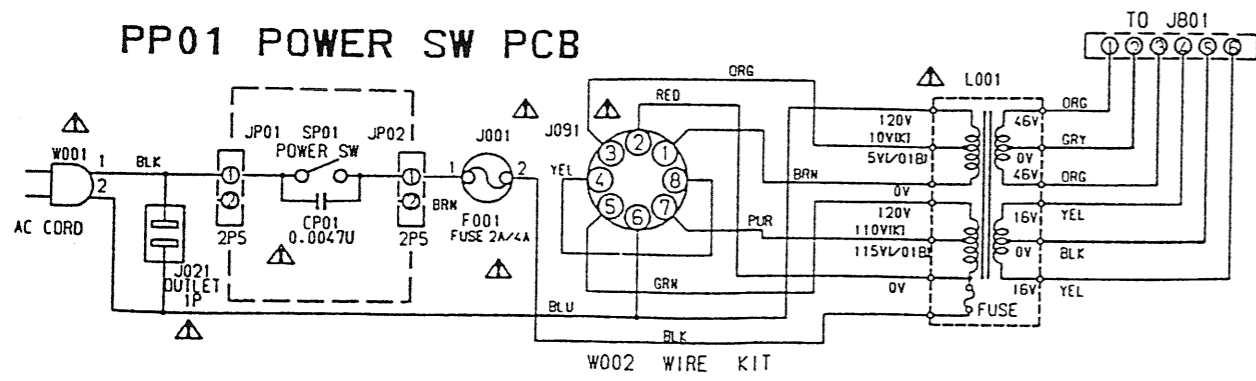
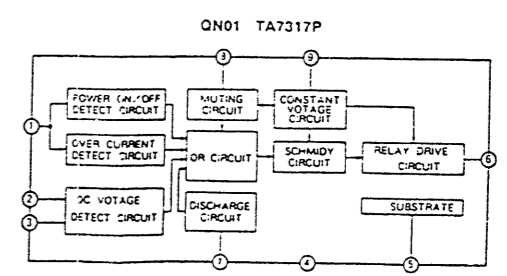
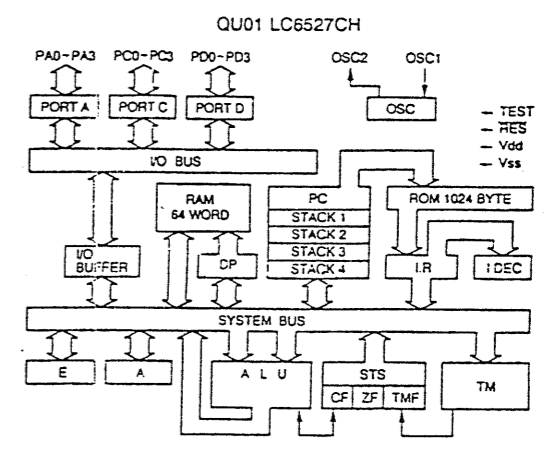
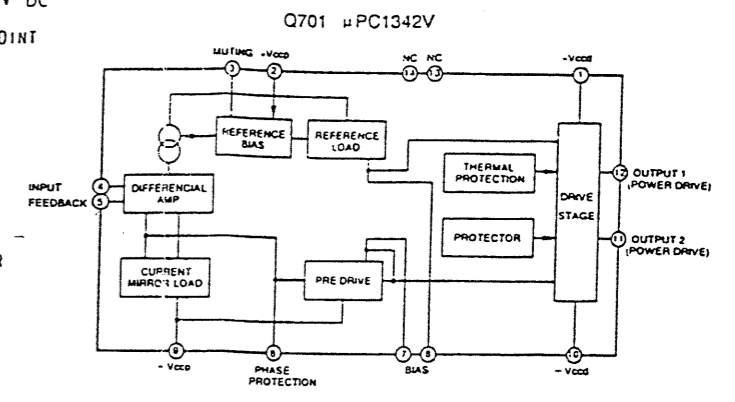
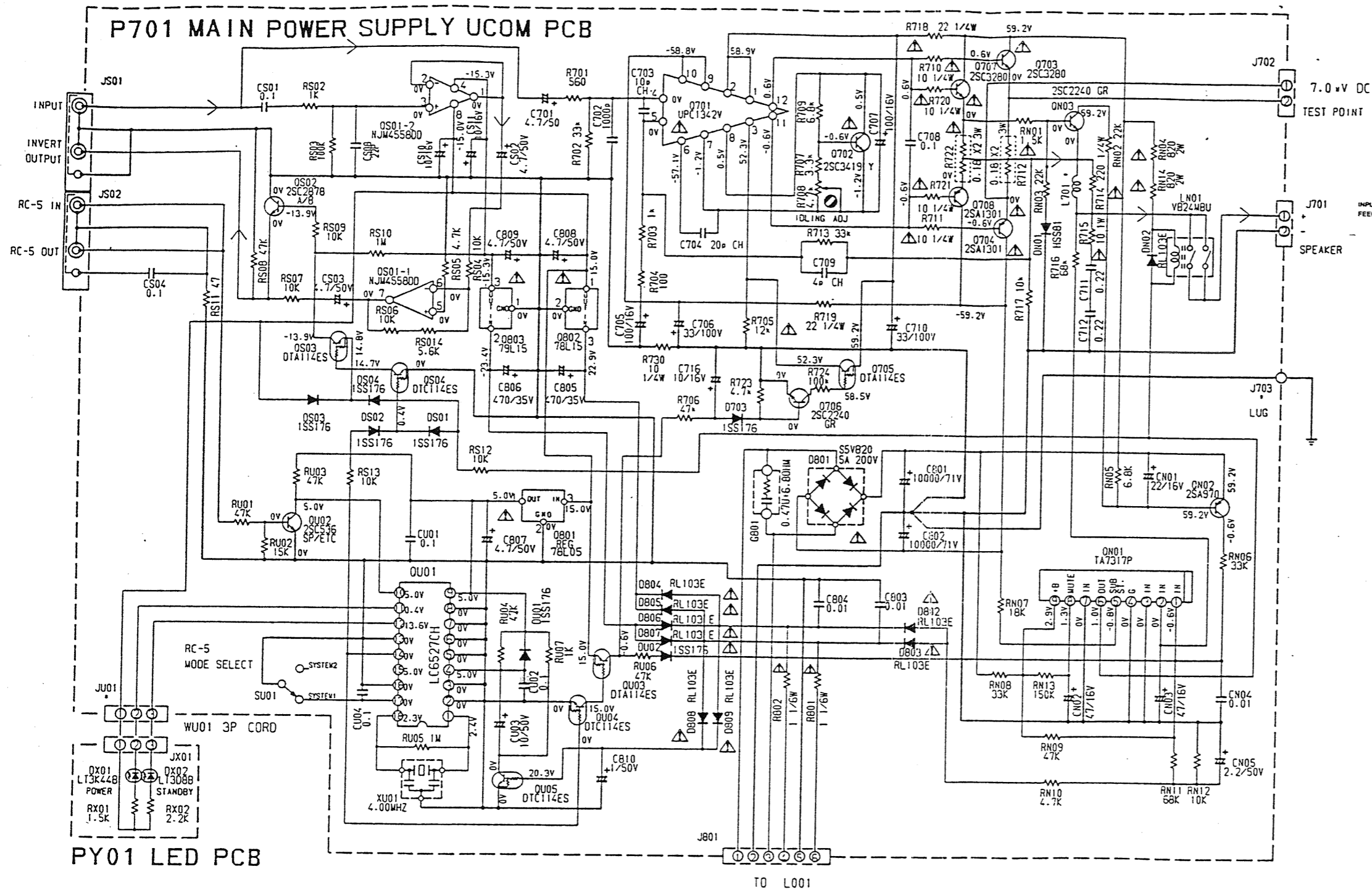
AV-806

105-30007-01	FOOT, 1.96 DIA X .64 HIGH	A	5
105-40014-00	FUSEHOLDER PANEL MNT 120-230V	A	10
105-40018-01	CLIP, FUSE, PCB, 2AG	A	5
105-50000-00	FUSE CARRIER 120V	A	15
112-20001-00	MOUNT TYRAP WHT	A	17
115-60000-00	CONNECTOR,QD TAB .250 PCB	A	10
118-61030-40	SPACER, LED T1 & T1-3/4, .550H	A	5
118-90007-00	STRN RE MCT.063 SJT 16/3&18/3	A	20
151-10131-02	SCREW SM 3X10MM COPPER	B	25
151-10131-02	SCREW SM 3X10MM COPPER	B	62
151-20001-00	SCRW, MACH PP 4-40X1/4 BLK WAX	A	30
151-20051-00	SCRW, MACH PP 6-32X1/4 BLK WAX	A	35
151-20154-00	SCRW MACH PP 10-32X5/8" BLK WX	B	40
151-30051-00	SCREW SHT MTL PP BLK 6X1/4 "B"	A	45
151-30102-00	SCREW SHT MTL PP BLK 8X3/8 "A"	A	50
151-30106-00	SCREW SHT MTL PP BLK 8X3/4 "A"	A	55
151-30107-01	SCRW, SM PP SERR BLK 6X1/4 "B"	A	60
151-40260-01	SCRW METRIC MACH PP 3X6	B	65
152-10004-00	NUT, LOCK, 10-32, ZINC	A	70
154-10102-01	WSHR, .125X.505X.75, BLK, NYL	B	73
154-10251-00	WASHER FLAT SAE BLK .25X.625	A	71
159-50001-01	TYRAP 3 3/8"L BLACK	A	72
159-50002-00	TYRAP 4"L WHT	A	74
160-20014-00	CONNECTOR, SPLICE NYLON INSUL	A	75
160-30038-01	HEADER, 3-PIN .10 LOCK ST POST	A	7
160-30038-01	HEADER, 3-PIN .10 LOCK ST POST	A	5
160-30038-01	HEADER, 3-PIN .10 LOCK ST POST	A	5
160-30065-02	HEADER 2.0MM (.079) 2 PIN	B	10
160-30065-02	HEADER 2.0MM (.079) 2 PIN	B	10
201-00035-00	CAP, CER .01UF 250VAC UL/CSA	B	80
260-50302-04A	RES, CF 5% 3K 1/4W	A	10
266-50107-04A	RES,FUSIBLE 5% 1 OHM 1/4W		0
266-50107-04D	RES FUSIBLE 5% 1 OHM 1/4W .5	C	15
315-13002-00	FUSE, 12 AMP 250V	A	85
315-16001-00	FUSE, 6.3A TIME LAG	B	20
318-10030-01	SWITCH, POWER 15A, 125V	B	90
320-40005-01	LED, RED/GREEN 3MM	A	15
401-30019-01	JUMPER, INSULATED, 18 AWG, .6	A	30
401-90023-01	LC, RND 16/2 PLZD-CSA/UL APRD	B	100
402-10007-00	TUBING HTSHRK DUAL WALL 1/2"	A	105
402-10015-01	SLEEVING UNCOAT FBRGLS ID .263	A	107
403-40011-00	TAPE, ADHESIVE TRANSFER 1/2"		108
501-00604-01	PCB, POWER DISTRIBUTION	C	1
501-00608-01	PCB, POWER INDICATOR	A	1
502-20108-01	CHASSIS - AVX-806	D	110
503-20120-01	PANEL, FRONT AV-806X MACHINING	A	115
504-20117-01	COVER	B	120
507-20091-01	RAIL	B	130
507-20114-01	BRACKET, HANDLE 3U	B	125
508-20039-01	KNOB, POWER SWITCH	A	135
509-20005-02	FERRULE 5/16" PLASTIC CHARCOAL	C	140
510-20015-01	HANDLE 3.50X5/16 DIA 10-32 BLK	A	145

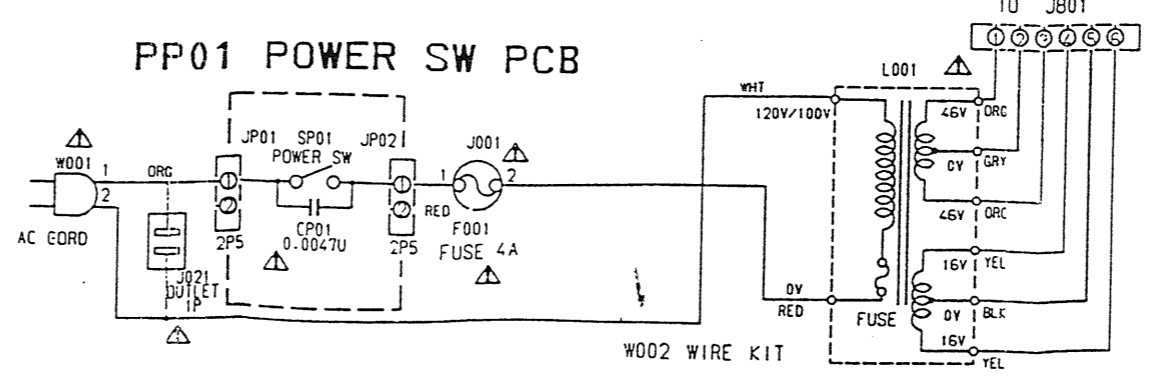
AV-806

512-10649-01	INSULATOR, MODULE	A	150
530-20029-00	LABEL, CITY OF LA APPROVED		147
530-20100-00	STICKER, SERIAL # BLANKS	A	148
550-00016-01	CBL, .250,#18,TEW,.250,BLK 4"		151
550-00021-23	CABLE, .250 #16 TEW 10" YEL	H	152
550-00021-24	CBL .250 FAST #16 TEW 28" BLK	H	153
550-00021-25	CBL .250 FAST #16 TEW 28" WHT	H	154
550-00047-01	CABLE ASSY, DB-25 INPUT (THX)	B	155
550-00048-01	CBL ASSY, 3 PIN RIBBON CABLE	A	160
550-10049-00	HARN CONN, 6-WIRE #18 11"	A	35
602-00602-01	CCA, AVX-801 SLAVE		20
602-00602-02	CCA, AVX-802 MASTER		20
602-00604-01	CCA, POWER DISTRIBUTION	E	165
602-00608-01	CCA, POWER INDICATOR	C	170
603-00200-01	ASSY, AVX-801 SLAVE MODULE	A	175
603-00200-02	ASSY, AVX-802 MASTER MODULE	A	180
617-10119-01	TRANSFORMER, NPT-2774S	A	185

5. SCHEMATIC DIAGRAM

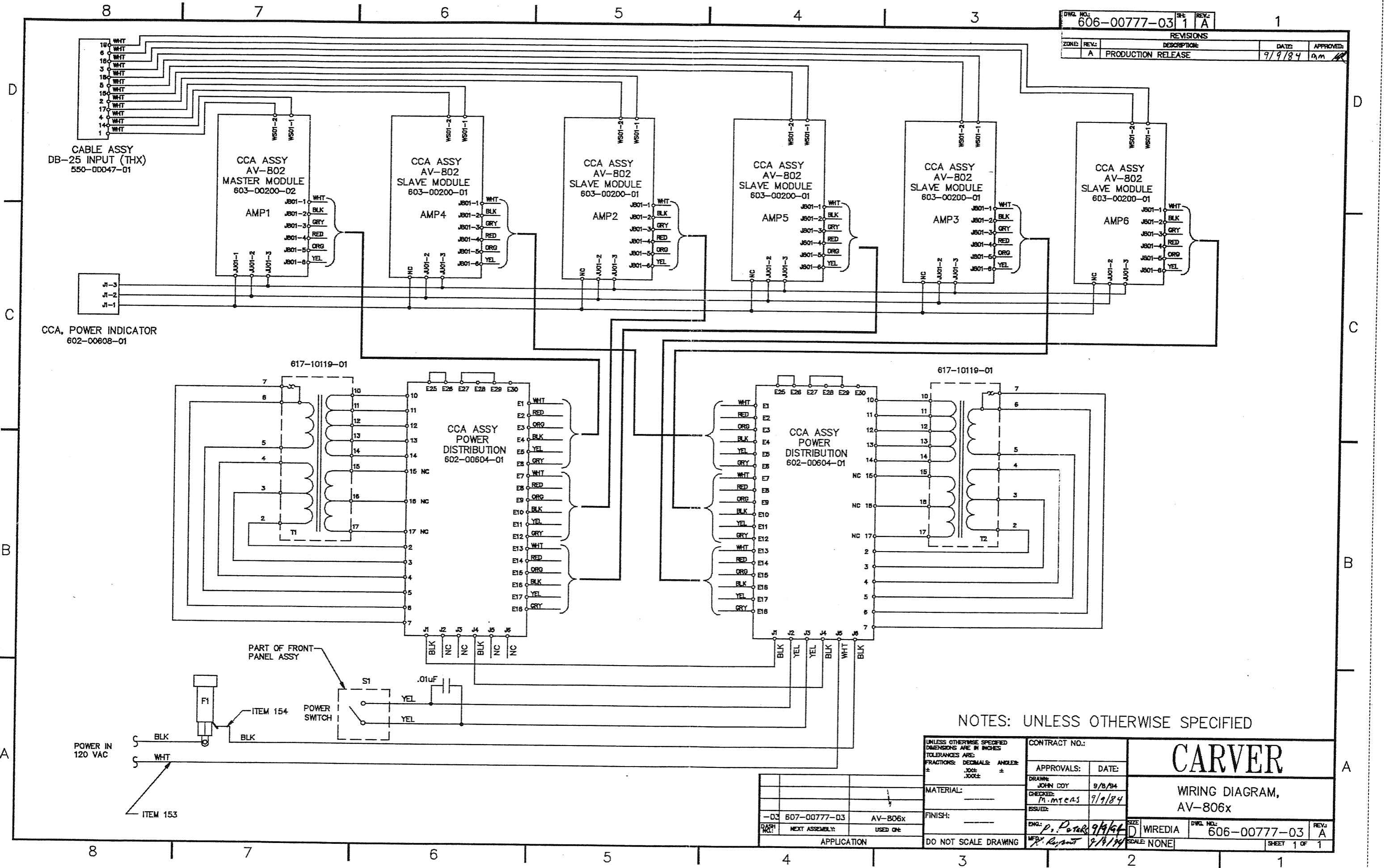


FOR K/01B



FOR U/F

DWG. NO.: 606-00777-03		REV. 1	A
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
A		PRODUCTION RELEASE	9/9/84
			APPROVED: <i>[Signature]</i>



NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS: DECIMALS: ANGLES: ± .001 ± .0001 ±			CONTRACT NO.:		<b>CARVER</b>
MATERIAL:			APPROVALS:	DATE:	
FINISH:			DRAWN: JOHN COY	9/8/84	WIRING DIAGRAM, AV-806x
DO NOT SCALE DRAWING			CHECKED: M. MTEAS	9/9/84	
APPLICATION			ISSUED:		SCALE: NONE
-03 607-00777-03 AV-806x			DWG. NO.: 606-00777-03		REV. A
NEXT ASSEMBLY: USED ON:			SHEET 1 OF 1		

A

B

C

D

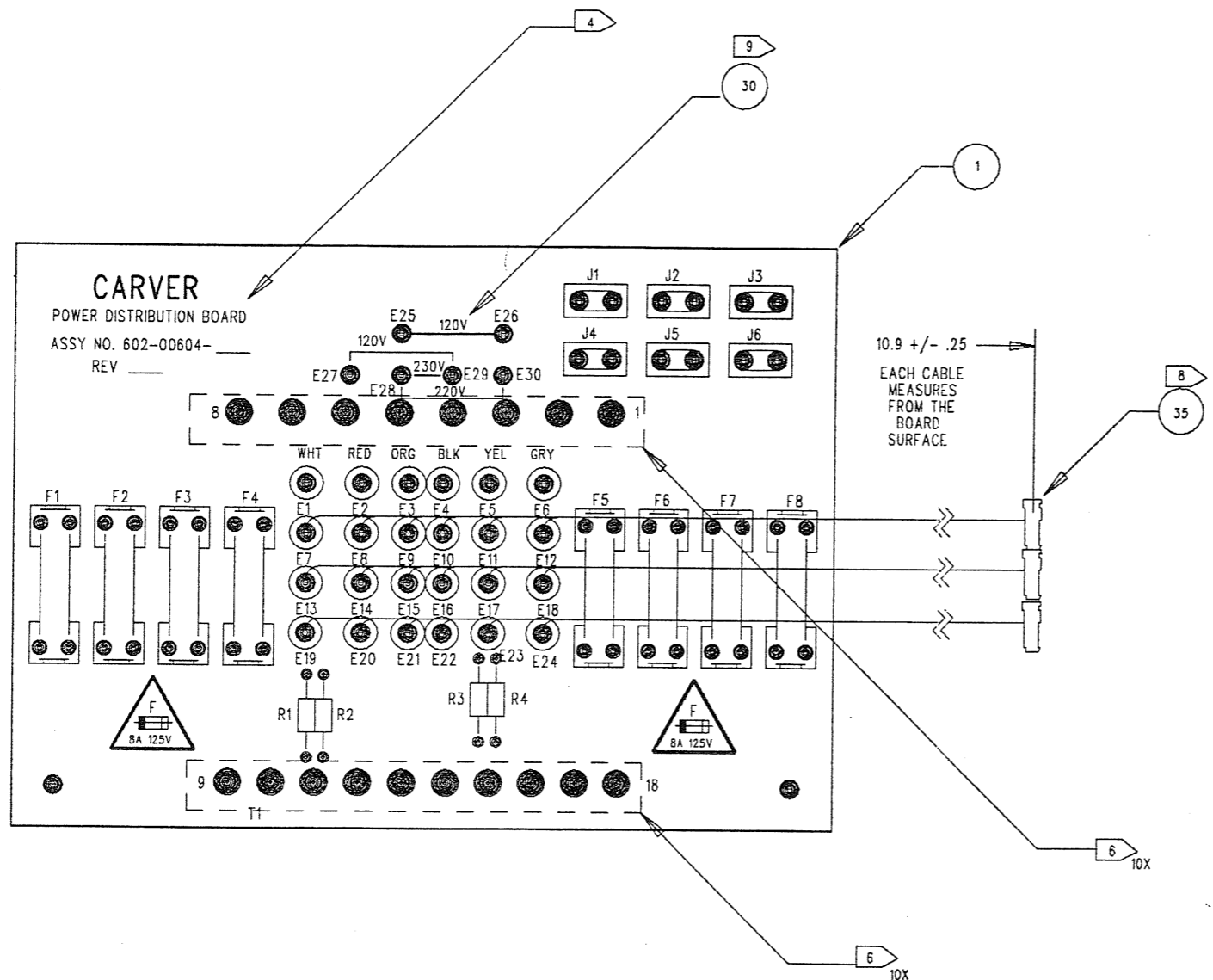
A

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C

D

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	PRODUCTION RELEASE	8/10	<i>[Signature]</i>



COMPONENT SIDE SHOWN

9 VOLTAGE OPTIONS:

DASH NO.	VOLTAGE	JUMPER(S) -
-01	120V	E25 TO E26 E27 TO E29
-02	230V	E28 TO E29
-03	220V	E28 TO E30

- 8 INSTALL WIRE HARNESS, ITEM 35, PER COLOR CALLOUT ON PCB.
7. MAX. COMPONENT HEIGHT 1.00.
- 6 COMPONENT HOLES TO BE MASKED BEFORE WAVE SOLDER.
5. COMPONENTS NOT TO BE INSTALLED: E1,2,3,4,5,6,28,30, F1,8, R1,4, T1.
- 4 MARK APPROPRIATE DASH NO. AND REV USING CONTRASTING, NON-CONDUCTING INK IN .06 MIN HIGH CHARACTERS.
3. ASSEMBLE PER CARVER WORKMANSHIP STANDARDS MP20001.
2. SEE SCHEMATIC DIAGRAM 605-00604-01.
- 1 SEE SEPARATE PARTS LIST.

NOTES: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED INTERPRET DWG PER ANSI Y14.3M-1982 DIMENSIONS ARE IN INCHES.		APPROVALS		DATE	<h1 style="text-align: center;">CARVER</h1> <h2 style="text-align: center;">CCA, POWER DISTRIBUTION</h2>
TOLERANCES		DRAWN: D. BUTLER	07/12/94	TITLE CCA, POWER DISTRIBUTION	
FRACTIONS: $\frac{1}{2}$	DECIMALS: .XX ± .05 .XXX ± .010	CHECKED: J. COY	07/13/94		
MATERIAL:		EE: P. PETERS	07/15/94	DWG NO. 602-00604-XX REV A	
FINISH:		ME: J. COY	07/13/94	SIZE D SCALE: 2/1	
USED ON: AV-806x		MFG: K. RUPERT	07/18/94	SHEET 1 OF 1	
DO NOT SCALE DRAWING		ISSUED: L. VOLKMAN			

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8 7 6 5 4 3 2 1

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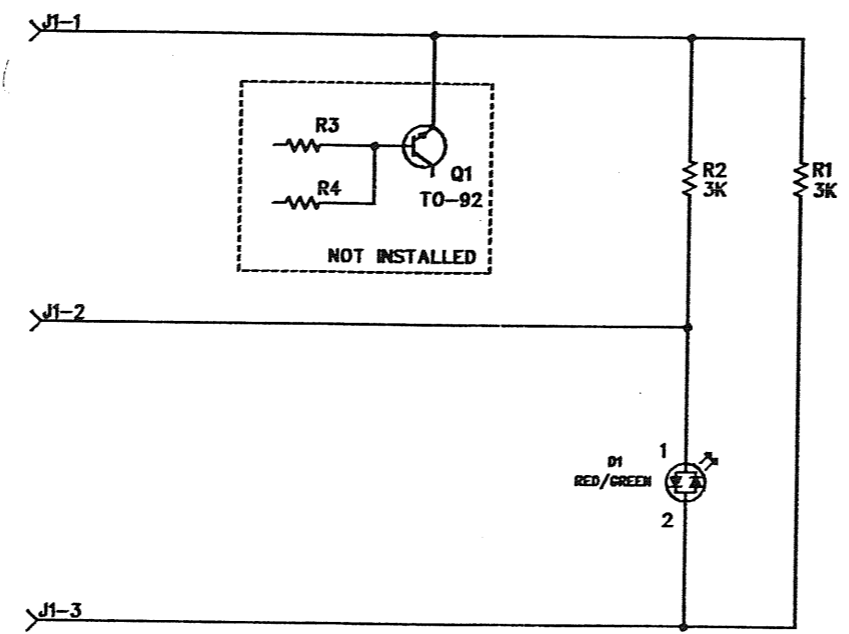
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605-00608-01		1	A	1	
REVISIONS					
ZONE	REV	DESCRIPTION	DATE	APPROVED	
	A	PRODUCTION RELEASE	8-10	M	



1. ALL RESISTORS ARE IN OHMS, 1/4W, 5%.  
 NOTES: UNLESS OTHERWISE SPECIFIED.

APPROVALS		DATE	<h1>CARVER</h1> <p>POWER INDICATOR SCHEMATIC DIAGRAM</p>
DESIGNED BY:	D. BUTLER	07/14/04	
CHECKED BY:	J. COY	07/14/04	
BY:	P. PETERS	07/15/04	
BY:	J. COY	07/14/04	
BY:	B. AASE	07/15/04	
BY:	K. RUPERT	07/15/04	
BY:	L. VOLKMANH		
AV-806x			605-00608-01
USED ON			A

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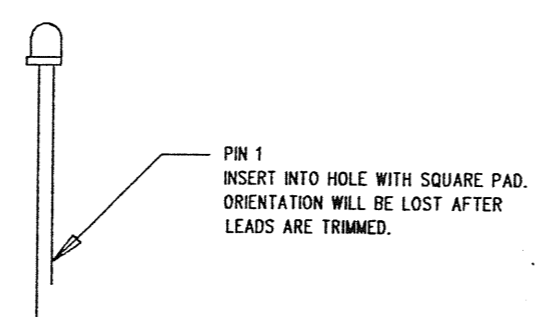
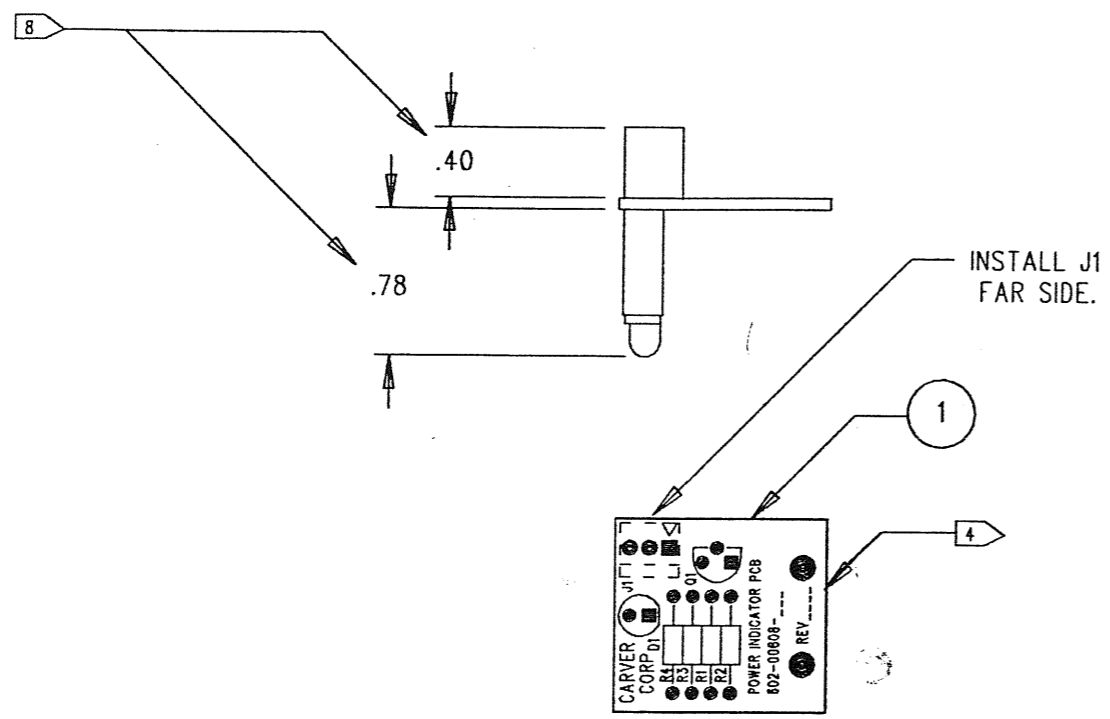
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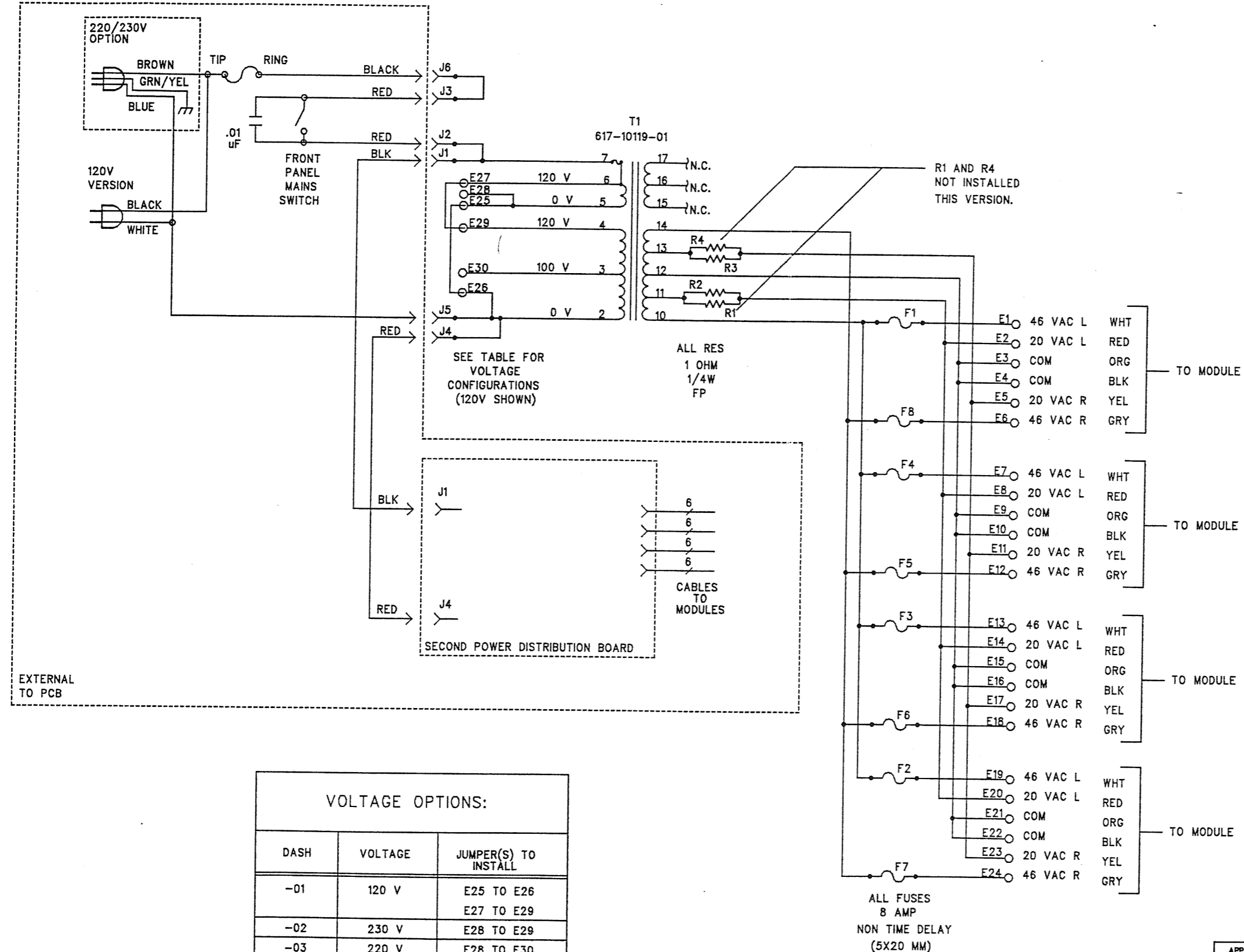
DWG NO. 602-00608-01		SH 1	REV A	1
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	PRODUCTION RELEASE	8-10	<i>[Signature]</i>



- 8 MAX. COMPONENT HEIGHT.
  - 7. COMPONENTS NOT TO BE INSTALLED: Q1, R3, R4.
  - 6. SOLDER PLUG NOT REQUIRED.
  - 5. SQUARE PAD INDICATES PIN NO. ONE.
  - 4 MARK APPROPRIATE DASH NO. AND REV USING CONTRASTING, NON-CONDUCTIVE INK IN .06 MIN HIGH CHARACTERS.
  - 3. ASSEMBLE PER CARVER WORKMANSHIP STANDARDS MP20001.
  - 2. SEE SCHEMATIC DIAGRAM 605-00608-01
  - 1 SEE SEPERATE PARTS LIST.
- NOTES: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED INTERPRET DWG PER ANSI Y14.5M-1982 DIMENSIONS ARE IN INCHES.		APPROVALS		DATE	<h1 style="text-align: center;">CARVER</h1> <h2 style="text-align: center;">CIRCUIT CARD ASSEMBLY - POWER INDICATOR</h2>
FRACTIONS: TOLERANCES		DRAWN: D. BUTLER		07-14-94	
DECIMALS: .XX ± .01		CHECKED: D. BUTLER		07-14-94	
ANGLES: .XXX ± .050 ±		E.E.: P. PETERS		07-15-94	
MATERIAL: 1		M.E.: J. COY		07-14-94	
FINISH:		M.F.: K. RUPERT		07-18-94	
DO NOT SCALE DRAWING		ISSUED: L. VOLKMAN			
AV-806x	SCALE: NONE	SIZE: D	DWG NO. 602-00608-01		REV A
SHEET 1 OF 1					





SEE TABLE FOR VOLTAGE CONFIGURATIONS (120V SHOWN)  
 ALL RES 1 OHM 1/4W FP

VOLTAGE OPTIONS:		
DASH	VOLTAGE	JUMPER(S) TO INSTALL
-01	120 V	E25 TO E26 E27 TO E29
-02	230 V	E28 TO E29
-03	220 V	E28 TO E30

ALL FUSES 8 AMP  
 NON TIME DELAY  
 (5X20 MM)

APPROVALS		DATE	<h1>CARVER</h1> <p>POWER DISTRIBUTION SCHEMATIC DIAGRAM</p>
DRAWN:	D. BUTLER	07/12/94	
CHECKED:	J. COY	07/13/94	
REV:	P. PETERS	07/15/94	
ISSUED:	L. VOLKMAN	07/15/94	
AV-806x	USED ON	SCALE: NONE	DWG NO. 605-00604-XX REV A SHEET 1 OF 1