

LAST REF USED: L100 CR151 C145 R180 J111 Q126 FC103 U102 F101 H5104 S100

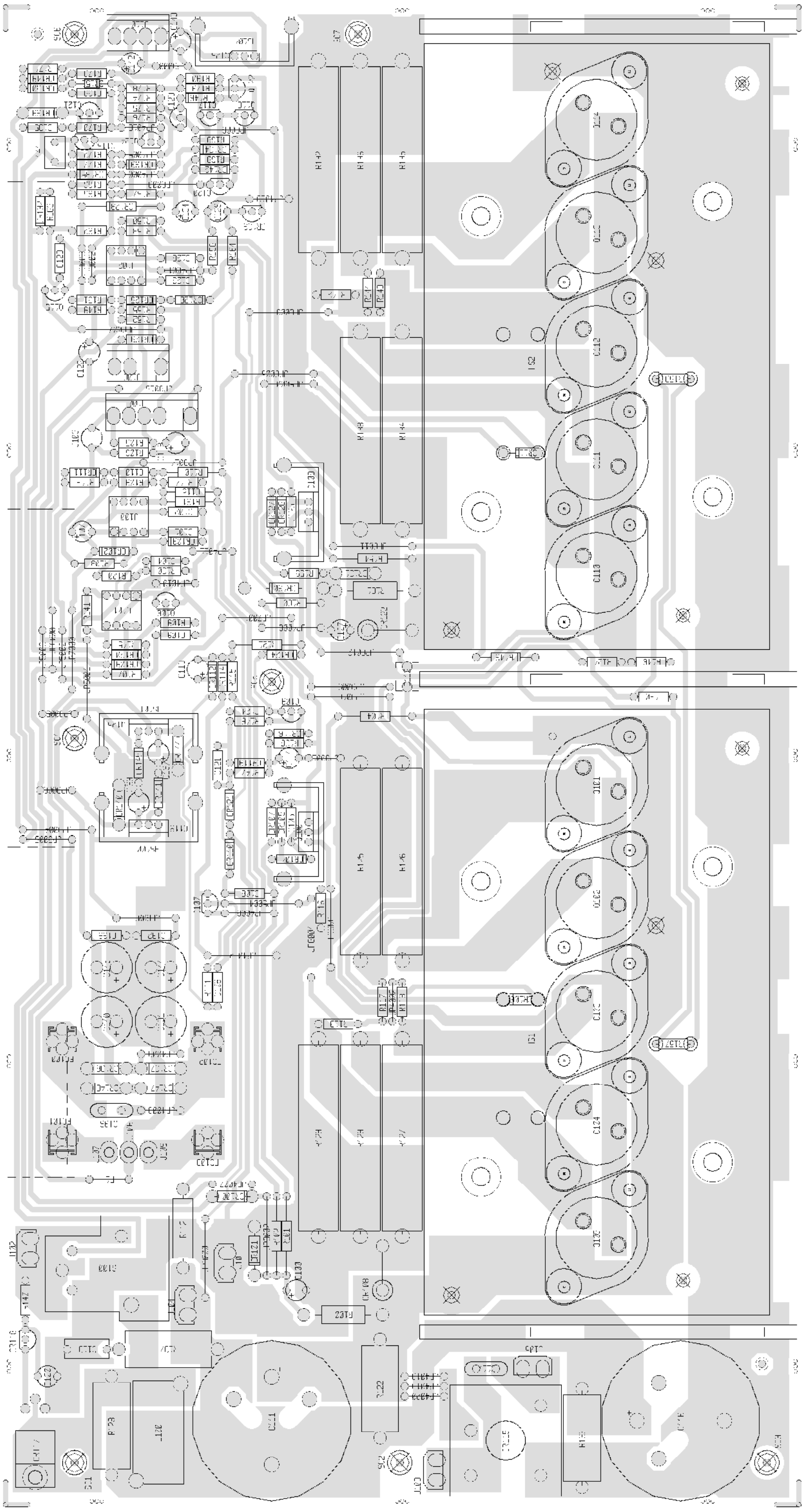
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"COMPANY PROPRIETARY INFORMATION"
 PEAVEY ELECTRONICS CORP.
 711 A STREET
 Meridian, Mississipp 39301
 TITLE FIREBASS POWER AMPLIFIER
 SIZE CODE NUMBER P9600010
 REV B
 ASSY# 9830470
 PAT# 9830471
 DATE 16-AUG-2001 SHEET 1 OF 1

FAN POWER CONNECTOR
 BRK4U
 1 FAN V+
 2 GROUND
 3 FAN V-
 4 FAN V+
 5 GROUND
 6 FAN V-
 7 FAN V+
 8 GROUND
 9 FAN V-
 10 FAN V+
 11 GROUND
 12 FAN V-
 13 FAN V+
 14 GROUND
 15 FAN V-
 16 FAN V+
 17 GROUND
 18 FAN V-
 19 FAN V+
 20 GROUND
 21 FAN V-
 22 FAN V+
 23 GROUND
 24 FAN V-
 25 FAN V+
 26 GROUND
 27 FAN V-
 28 FAN V+
 29 GROUND
 30 FAN V-
 31 FAN V+
 32 GROUND
 33 FAN V-
 34 FAN V+
 35 GROUND
 36 FAN V-
 37 FAN V+
 38 GROUND
 39 FAN V-
 40 FAN V+
 41 GROUND
 42 FAN V-
 43 FAN V+
 44 GROUND
 45 FAN V-
 46 FAN V+
 47 GROUND
 48 FAN V-
 49 FAN V+
 50 GROUND
 51 FAN V-
 52 FAN V+
 53 GROUND
 54 FAN V-
 55 FAN V+
 56 GROUND
 57 FAN V-
 58 FAN V+
 59 GROUND
 60 FAN V-
 61 FAN V+
 62 GROUND
 63 FAN V-
 64 FAN V+
 65 GROUND
 66 FAN V-
 67 FAN V+
 68 GROUND
 69 FAN V-
 70 FAN V+
 71 GROUND
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 73 FAN V+
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 101 GROUND
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 103 FAN V+
 104 GROUND
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 106 FAN V+
 107 GROUND
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 110 GROUND
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 113 GROUND
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 122 GROUND
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 124 FAN V+
 125 GROUND
 126 FAN V-
 127 FAN V+
 128 GROUND
 129 FAN V-
 130 FAN V+
 131 GROUND
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 134 GROUND
 135 FAN V-
 136 FAN V+
 137 GROUND
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 140 GROUND
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 142 FAN V+
 143 GROUND
 144 FAN V-
 145 FAN V+
 146 GROUND
 147 FAN V-
 148 FAN V+
 149 GROUND
 150 FAN V-
 151 FAN V+
 152 GROUND
 153 FAN V-
 154 FAN V+
 155 GROUND
 156 FAN V-
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 158 GROUND
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 185 GROUND
 186 FAN V-
 187 FAN V+
 188 GROUND
 189 FAN V-
 190 FAN V+
 191 GROUND
 192 FAN V-
 193 FAN V+
 194 GROUND
 195 FAN V-
 196 FAN V+
 197 GROUND
 198 FAN V-
 199 FAN V+
 200 GROUND

825 C FANSPD=10.5RVC, FAN ON LOW SPEED
 860 C FANSPD=18.65RVC, FAN ON MEDIUM SPEED
 895 C FANSPD=26.80RVC, THERMAL SHUTDOWN/HIGH SPEED
 925 C VTEMP=2.2VDC, FAN ON LOW SPEED
 860 C VTEMP=2.6VDC, FAN ON MEDIUM SPEED
 895 C VTEMP=3.0VDC, THERMAL SHUTDOWN/HIGH SPEED

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F-RRF335 F-POWER AMF

B I L L O F M A T E R I A L S R E P O R T

BOARD NAME: FIREBASS PWR REPORT DATE: 17AUG01

ASSEMBLY LEVEL NUMBER: 99030471 DESIGNER: RAY GAULDIN / JAMES HUGHES

PROJECT NUMBER: P9600010

CBDS

PART	VALUE	PART NUMBER	DESCRIPTION AND DEVICE DESIGNATIONS
** QTY.	NAME	NUMBER	*****

1	98830470	98830470	98830470 PCB
3	.015	70340010	.015MF----10 ² ----50VDC----T/C----T&R C108, C121, C139
2	.01CD	70320248	.01MF----20%---1000VDC---CD--T&A C117, C136
12	.1	70340100	.1MF----+80-20%---50VDC----AXL----T&R C101, C102, C106, C109, C123, C124, C126, C128, C130, C132, C135, C138
1	.1R250MY	70320096	.1 MFD 250VDC MYLAR CA/BR

C119

1 .22M .22M 70330128 .22M 5% 50vdc my T&A

C141

1 .22SF2 .22SF2 70330114 0.22 MF 5% 100V STCK FILM t&a

C112

10 .33W10 .33W10 70250011 .33--10W--10%--WW--AXL

R125, R126, R127, R128, R129, R132,
R133, R134, R135, R136

1 .8UH .8UH 70519917 .8UH AIR CORE COIL / CS1200

L100

1 1.1KP1 1.1KP1 70240138 1.1K-1/4W-1%-MF-T&R

R180

2 1.21KP1 1.21KP1 70240046 1.21K-1/4W--1%----MF--T&R

R108, R114

3	1.5K	1.5K	70240018	1.5K--1/4W--5%----CF--T&R	R101, R152, R159
4	100	100	70240010	100---1/4W--5%----CF--T&R	R111, R130, R148, R169
4	1000R35	1000R35	70320186	1000MF----20 ^s ----35VDC--EL--T&A	C131, C140, C144, C145
2	100FP	100FP	70240096	100FP-1/4W--5%----FP--T&R	R116, R146
4	100K	100K	70240034	100K--1/4W--5%----CF--T&R	R102, R140, R160, R167
2	100PF	100PF	70340054	100PF-----10 ^s ----50VDC----T/C----T&R	C105, C125
4	10K	10K	70240025	10K---1/4W--5%----CF--T&R	R120, R141, R145, R179
2	10KMF100	10KMF100	70320257	10000mf-20 ^s 100vdc-el-rad	

C111, C116

1 10PF 10PF 70340050 10PF-----5%-----T/C----T&R

C115

2 10R50L 10R50L 70320185 10MF-----20%-----50VDC---LL--T&A

C122, C134

1 12.1KP1 12.1KP1 70241052 12.1K-1/4W--1%----MF--T&R

R176

1 13080 13080 70413080 LM3080N CUSTOM SELECTED

U101

1 13886 13886 70413886 SZ-13886-2 DUAL DIODE

CR113

1 14.3KP1 14.3KP1 70241009 14.3K-1/4W--1%----MF--T&R

R175

1 15032VHS 15032VHS 70415032 MJE-15032 NPN HI-VLTG TO-220 DRIVER
W/70900629H

Q100

1 15033VHS 15033VHS 70415033 MJE-15033 PNP HI-VLTG TO-220 DRIVER
W/70900629HS

Q109

1 169KP1 169KP1 70241079 169K-1/4W--1^s----MF--T&R

R172

1 180 180 70240012 180---1/4W--5%----CF--T&R

R124

9 1K 1K 70240017 1K----1/4W--5%----CF--T&R

R117, R118, R119, R142, R143, R144,
R150, R153, R166

3 1M 1M 70240039 1M----1/4W--5%----CF--T&R

R107, R162, R174

10 1N4003 1N4003 70464003 1N4003 200V SILICON DIODE

CR100, CR106, CR130, CR136, CR137,
CR138, CR140, CR144, CR147, CR148

27	1N4148	4148	70464148	1N4148 75V 10MA SILICON DIODE
				CR102, CR103, CR105, CR107, CR109, CR111, CR112, CR114, CR116, CR119, CR120, CR123, CR124, CR125, CR126, CR127, CR129, CR132, CR134, CR135, CR139, CR141, CR143, CR145, CR146, CR149, CR150
2	1N4744	4744	70440102	SZG40102 15V 5 ^s ZENER DIODE
				CR101, CR131
1	1N751A	1N751A	70400751	1N751A 5.1V, .4W, 5% ZENER DIODE
				CR151
1	1N757A	1N757A	70415239	1N5239C 9.1V .4W 2 ^s ZENER
				CR142
4	1SS142	1SS142	70400142	1ss142 250v SILICON DIODE
				CR104, CR110, CR121, CR128
3	2.2R50NP	2.2R50NP	70320184	2.2MF-----20 ^s -----50VDC---NP--T&A
				C103, C120, C129

3	2.7K	2.7K	70240021	2.7K--1/4W--5%----CF--T&R
				R149, R151, R165
2	2.7KW1	2.7KW1	70210016	2.7K--1W----5%----MO--T&R
				R100, R161
1	2.8KP1	2.8KP1	70241007	2.8K--1/4W--1%----MF--T&R
				R177
1	21KP1	21KP1	70240120	21K 1% 1/4W MF T&R
				R173
2	22K	22K	70240029	22K--1/4W--5%----CF--T&R
				R106, R155
10	22R50	22R50	70320181	22MF-----20%----50VDC---EL--T&A
				C100, C107, C113, C114, C118, C127, C133, C137, C142, C143
1	2504W	2504W	70402504	BR. RECT, 400V, 25A, WIRE LEADS

CR115

1 270 270 70240013 270---1/4W--5%-----CF--T&R

R171

2 2KJ102J 2KJ102J 70240215 1K TEMPSISTOR (2KJ102J)

R157, R158

5 2N3919 3919 70463919 SKA-3919 TO92 NPN TRANS T&A

Q118, Q120, Q122, Q123, Q124

2 2N5400 5400 70460761 761/2N5400 120V 10MA T0-92 PNP T&A

Q117, Q121

1 33 33 70240004 33----1/4W--5%-----CF--T&R

R113

3 33K 33K 70240030 33K---1/4W--5%-----CF--T&R

R103, R109, R163

2 39PF 39PF 70340052 39PF-----50VDC----T/C----T&R

C104, C110

1	4.7	4.7	70240002	4.7---1/4W--5%----CF--T&R
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R156

2	4.7FP	4.7FP	70240094	4.7FP-1/4W--10 ^s ----FP--T&R
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R104, R154

2	4.7K	4.7K	70240023	4.7K--1/4W--5%----CF--T&R
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R121, R138

2	4560	4560	70414560	4560 DUAL OP AMP IC
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U100, U102

2	470	470	70240015	470---1/4W--5%----CF--T&R
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R115, R147

5	47K	47K	70240031	47K---1/4W--5%----CF--T&R
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R105, R110, R131, R168, R170

2	4KW5	4KW5	70250050	4K--5W--10%--WW--AXL
				R122, R139
2	5.6W5	5.6W5	70250026	5.6--5W--10%--WW--AXL
				R123, R137
8	500STW	70901859	70901859	SPCR,R,TA-40X1/2,SW,AL,ST
				SO1, SO2, SO3, SO4, SO5, SO6, SO7, SO8
1	5331V	5331V	70425331	SJE-5331 CASE-77 NPN VERTICAL
				Q126
1	6.8KW2	6.8KW2	70250052	6.8K---2W---5%---MF---T&R
				R112
1	6531	6531	70466531	MPS-6531 TO92 NPN TRANS. T&A
				Q107
1	6533	6534	70466533	MPS-6533/34 TO-92 PNP TRANS T&A
				Q116

1	6534	6534	70466533	MPS-6533/34 TO-92 PNP TRANS T&A
				Q108
5	73180A	73180	70473180	SJ-73180, 3 AMP, 100V, METRIC TO-3, PNP
TRANS				Q110, Q111, Q112, Q113, Q114
1	7815VERT	7815VERT	70400340	7815 15V 1A POS TO-220 RG VERT MNT
				Q119
1	7915VERT	7915VERT	70400320	7915 15V 1A NEG TO 220 RG VERT MNT
				Q125
1	8.25KP1	8.25KP1	70240113	8.25K 1% 1/4W MF T&R
				R178
1	82K	82K	70240033	82K---1/4W--5%----CF--T&R
				R164
5	83180A	83180	70483180	SJ-83180, NPN, 3 AMP, 100V, METRIC TO-3
TRANS				

Q101, Q102, Q103, Q104, Q105

4 CLP1183 CLP1183 70901183 FUSECLIP, PC MT - T&A

FC100, FC101, FC102, FC103

2 FMPU 73711811 73711811 M118-171 C.B. FEMALE MOLEX PIN

J107, J109

2 HS0233A 98000233 98000233 CS800SW HS PLATE

HS1, HS2

5 HS0629 70900629 70900629 AAVID VERTICAL TO-220 HEATSINK

HS100, HS101, HS102, HS103, HS104

2 J174 J174 70460174 J-174 30V TO-92 P-CHAN FET T&A

Q106, Q115

1 MMPU 73711812 73711812 R93-12 PN C.B. MALE MOLEX PIN

J108

2 MR502CD MR502CD 70400502 MR502/1N5402 200V, 3A SILICON DIODE -
CATH DOWN

CR108, CR122

1 REL2250 REL2250 71322250 15V 30A OUTPUT RELAY-SEAL

3100

1 SAC187 SAC187 70400187 SAC187 200V TO220 TRIAC

CR117

2 SBS14 SBS14 70460014 SBS14 8V T0-92 BI-DIRECTIONAL SWITCH T&A

CR118, CR133

5 SPDU 73716194 73716194 .250 PC MNT SPADE .093 PCB

J101, J102, J103, J104, J105

1 SPX4K2U SPX4K2U XXXXXXXX 3 EACH OF STAKE PINS

J106

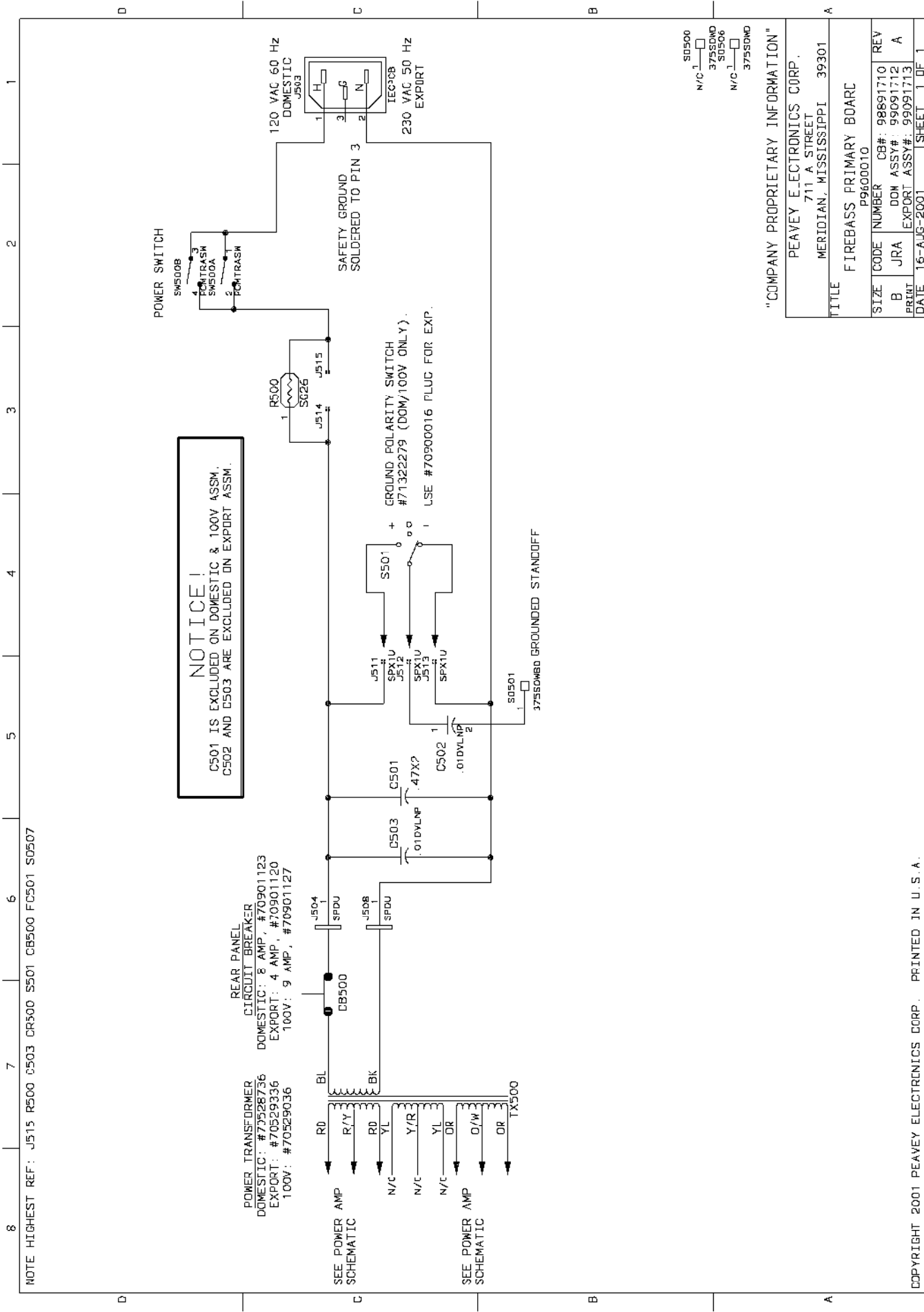
1 SPX4U SPX4U XXXXXXXX 4 EACH OF STAKE PINS

J110

1 SPX6K2U SPX6K2U XXXXXXXX 5 EACH OF STAKED PINS

J100

* END OF BILL OF MATERIALS REPORT *



NOTICE!
 C501 IS EXCLUDED ON DOMESTIC & 100V ASSM.
 C502 AND C503 ARE EXCLUDED ON EXPORT ASSM.

REAR PANEL
 CIRCUIT BREAKER
 DOMESTIC: 8 AMP, #70901123
 EXPORT: 4 AMP, #70901120
 100V: 9 AMP, #70901127

POWER TRANSFORMER
 DOMESTIC: #70528736
 EXPORT: #70529336
 100V: #70529036

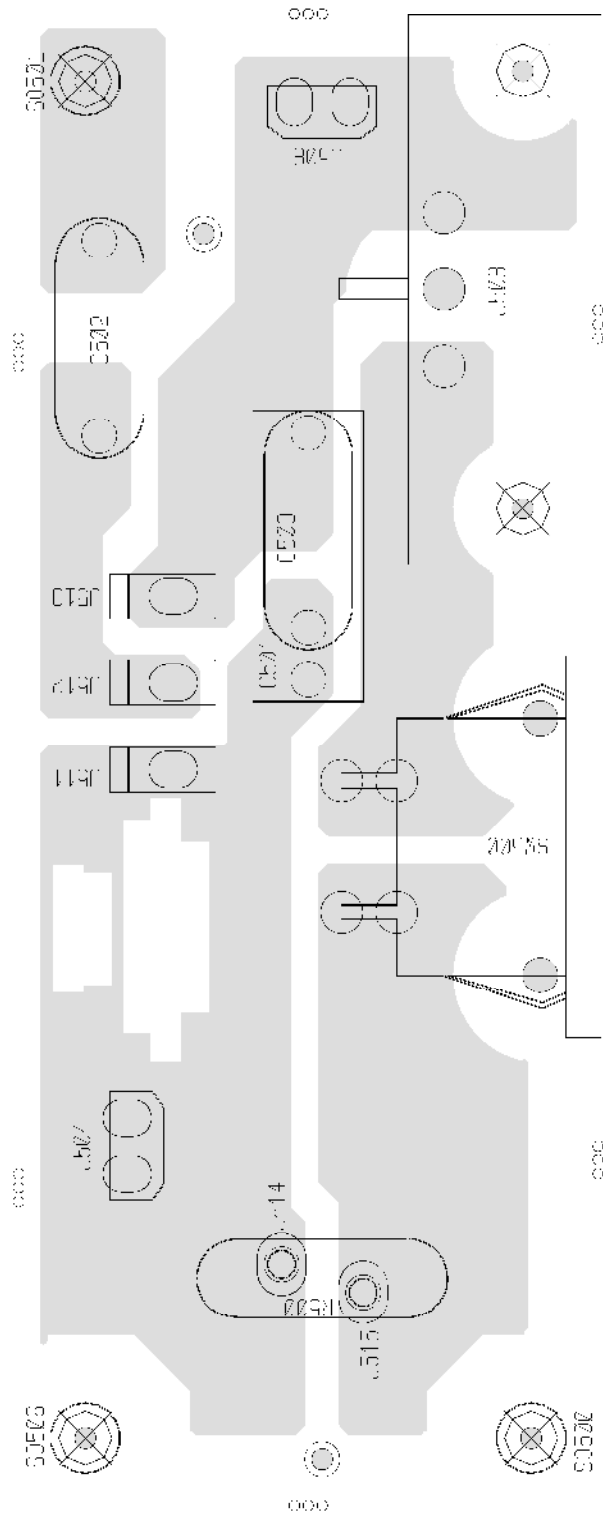
GROUND POLARITY SWITCH
 #71322279 (DOM/100V ONLY).
 USE #70900016 PLUG FOR EXP.

SD500
 N/C
 3755DMD
 SD506
 N/C
 3755DMD

"COMPANY PROPRIETARY INFORMATION"

PEAVEY ELECTRONICS CORP.
 711 A STREET
 MERIDIAN, MISSISSIPPI 39301

TITLE		FIREBASS PRIMARY BOARD	
SIZE		P9600010	
CODE	NUMBER	CB#	REV
B	JRA	DOM ASSY#	99091712 A
PRINT	EXPORT ASSY#	99091713	
DATE	16-AUG-2001	SHEET	1 OF 1



TIRIBACS PRIMARY

FOR INSLR C521 IN LAD C523 AND
 DO NOT INSLR C522, C511, C512 AND C515

DO NOT INSERT C506 INSTEAD OF C501

B I L L O F M A T E R I A L S R E P O R T

BOARD NAME: PRIMARY/TRIAC REPORT DATE: 20AUG01
 ASSEMBLY LEVEL NUMBER: 99091712 DESIGNER: KEITH VARNER
 PROJECT NUMBER: P9600010

CBDS

PART	PART	DESCRIPTION AND	
** QTY. NAME	VALUE	NUMBER	DEVICE DESIGNATIONS *****

1	98891710	98891710	ECN18656	PCB
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2	.01DVLNP	.01DVLNP	70320104	.01 MFD 125VDC DVL MYLAR +0-20%
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C502, C503

1	.47X2	.47X2	70320271	.47MF-20 ² -275VAC-MP-R/W
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C501

1	375SOWBD	70900779	70900779	SPACER, 3/8,R(#4),.187 SWAGE BRASS
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SO501

2	375SOWD	70900295	70900295	SPACER, 3/8,R(#4),.187 SWAGE ALUM.
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SO500, SO506

2 FMPU 73711811 73711811 M118-171 C.B. FEMALE MOLEX PIN

J514, J515

1 IECPCB 70901257 70901257 IEC POWER INLET R/A PCB MT.

J503

1 PCMTRASW PCMTRASW 71322377 PC MOUNT PIGHT ANGLE POWER SWITCH

SW500

1 SG26 70240210 70240210 5 OHM, 12 A INRUSH THERMISTOR

R500

2 SPDU 73716194 73716194 .250 PC MNT SPADE .093 PCB

J504, J508

3 SPX1U SPX1U 73717003 1 STAKE PIN

J511, J512, J513

* END OF BILL OF MATERIALS REPORT *