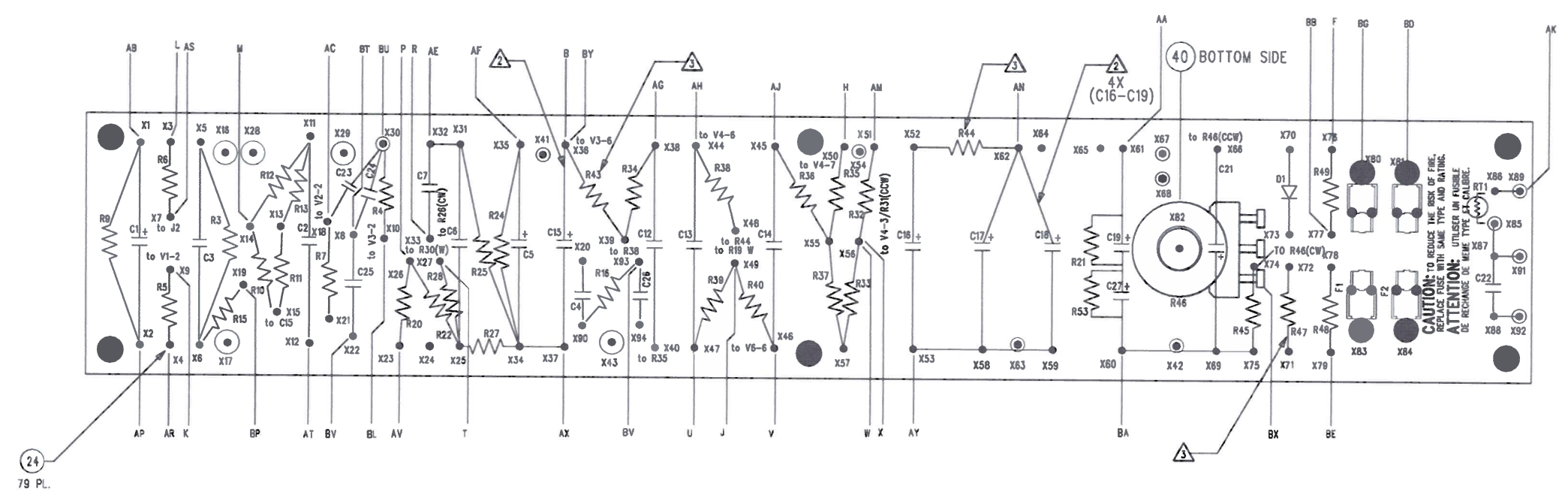


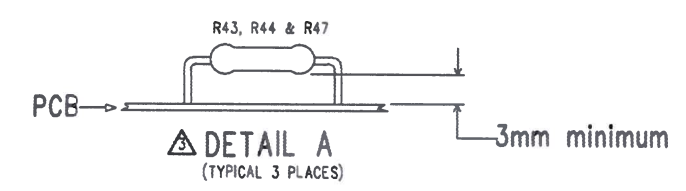
8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR1169	16-FEB-11	L E L
B	EC 4811	14-JUL-11	L E L
C	EC 4863	21-JUL-11	L E L

D
C
B
A



FILM/DWG: PCB ASSEMBLY DRAWING
 DATABASE: Z1169P.PCB DATE: 16-FEB-11



4. FINISHED ASSEMBLY SHALL COMPLY WITH MATERIALS AND PROCESS REQUIREMENTS OF EU DIRECTIVE 2002/95/EC (RoHS).
 ⚠ R43, R44, AND R47 MUST BE RAISED AT LEAST 3mm ABOVE PCB SEE DETAIL A.
 ⚠ USE RTV SILICONE RUBBER COMPOUND TO ADHERE C15-C19 TO PCB.
 1. SEE A-SIZE SHEET 2 FOR BOM.
 NOTES: (UNLESS OTHERWISE NOTED)


THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE TO FENDER MUSICAL INSTRUMENTS AND IS SUBMITTED TO YOU IN CONFIDENCE AND SHALL NOT BE DISCLOSED OR TRANSMITTED TO OTHERS WITHOUT AUTHORIZATION FROM FENDER MUSICAL INSTRUMENTS.		MUSICAL INSTRUMENTS Corona, CA U.S.A.	
CHECKED BY: PKD	DATE: 29-21-11	TITLE: PCB ASSEMBLY, TWINOLUX	
APPROVED BY: JAG	DATE: 21-7-11	SIZE: C	DRAWING NUMBER: 0081949000
DRAWN: LORENZEN	ENGR: LORENZEN	REV: C	
DATABASE FILE: Z1169P.PCB	RELEASE DATE: 16-FEB-11	SHEET: 1	OF: 2

8 7 6 5 4 3 2 1

ITEM	QTY	PART NO.	DESCRIPTION	REFERENCES
1	1	0081950000	SVC DIAG TWINOLUX	REF
2	1	0081952000	WIRE SET PCB TWINOLUX	REF
3	1	0081948000	PCB FAB TWINOLUX	REF
4	2	0081938000	CAP AE AX 47uF 350V 20% 105C	C19, C27
5	1	0026502000	CAP AE AX 100uF 100V 20%	C21
6	1	0038695000	CAP AE AX 220uF 16V 20%	C1
7	2	0009512001	CAP AE AX 22uF 25V 20%	C3, C5
8	4	0024819000	CAP AE AX 22uF 500V +50%-10%	C15-18
9	1	0024839000	CAP MPF RDL .033uF 400V 10%	C25
10	1	0020917000	CAP CD 250pF 1000V 10% LL	C7
11	1	0053860000	CAP MPF .1uF 275V 10%	C22
12	2	0024835000	CAP MPF RDL .022uF 630V 10%	C2, C12
13	3	0024854000	CAP MPF RDL .1uF 400V 10%	C4, C6, C26
14	2	0024855000	CAP MPF RDL .1uF 630V 10%	C13-14
15	2	0024823000	CAP MPF RDL .01uF 400V 10%	C23-24
16	1	0017502000	CONTROL 10K LIN SCREW ADJ	R46
17	1	0064089001	DIODE 1N4003	D1
18				
19	1	0025832000	RES CF 1/2W 22k 5%	R16
20	4	0025996000	FUSE CLIP PCB .250 & 5MM FUSE	At F2 & F3
21	1	0032954000	FUSE TD 1-1/4x1/4 250V 12A	F2
22	1	0012697000	FUSE TD 1-1/4x1/4 250v 6.25A	F3
23	1	0064604000	LABEL FUSE 6.25A/12A	At F2 & F3
24	79	041296000	EYELET G.S. 4.4	
25	3	0053869001	RES CF 1/2W 1 MEG 5%	R4, R7, R35
26	8	0025116001	RES CF 1/2W 100k 5%	R10-13 R22 R23 R25 R34
27	2	0026368001	RES CF 1/2W 100ohm 5%	R48-49
28	5	0025117001	RES CF 1/2W 220k 5%	R15 R27-28 R39-40
29	6	0026549001	RES CF 1/2W 5% 1.5Kohm	R3 R5-6 R24 R33 R36
30	2	0053946000	RES CF 2W 5% 180Kohm FP	R21, R53
31	1	0037663001	RES CF 1/2W 5% 10M LL	R22
32	1	0041279001	RES CF 1/2W 5% 270k LL	R20
33	1	0041271001	RES CF 1/2W 5% 47k LL	R45
34	3	0047434001	RES CF 1/2W 5% 56k LL	R32 R37-38
35	1	0031067001	RES FILM 1W 750 ohm 5%	R9
36	1	0057222000	RES MOX FP 2W 5% 10K	R44
37	1	0036470001	RES MOX FP 1W 10k 5%	R43
38	1	0031067000	RES FILM 1W 750 ohm 5%	R47
39	1	0028503000	THERMISTOR 10 ohm 5A C60-11	RT1
40	1	9904300100	WASHER LCK INTL 3/8x.681x.032	At R46

Notes:

1. Copyright 2011, Fender Musical Instruments.
2. See sheet 1 (C-size drawing) for part locations.

DATABASE: Z1169P.DOC		 <p>Fender Musical Instruments Corona, CA USA</p>		
ENGINEER: L. LORENZEN				
CHECK <i>PK L.</i>	TITLE PCB ASSEMBLY, TWINOLUX			
DATE <i>29-Jul-11</i>				
APPROVED <i>[Signature]</i>	DISK	SIZE	PART/DRAWING	REV
DATE <i>01-Aug-11</i>	SHEET 2 of 2	A	0081949000	C