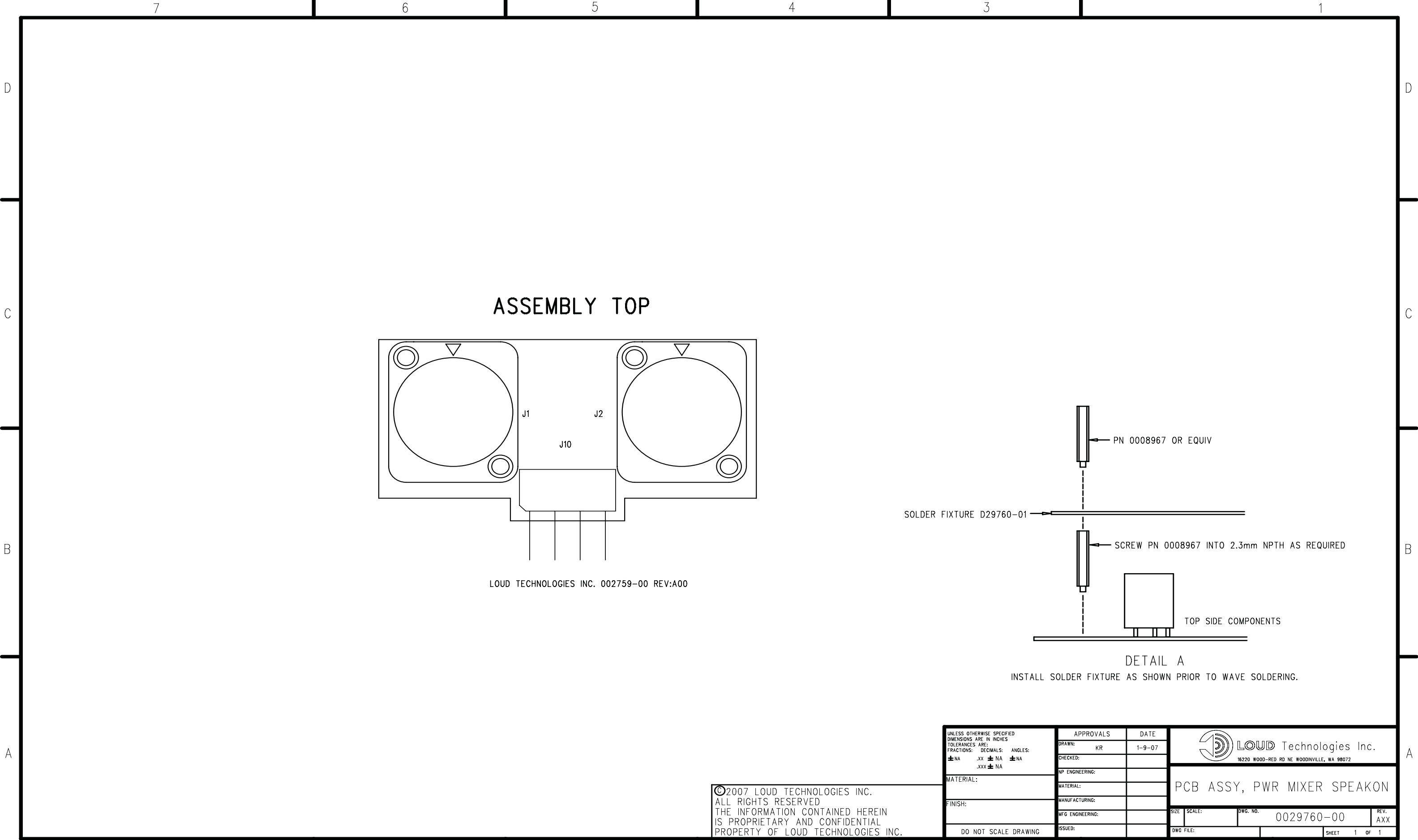
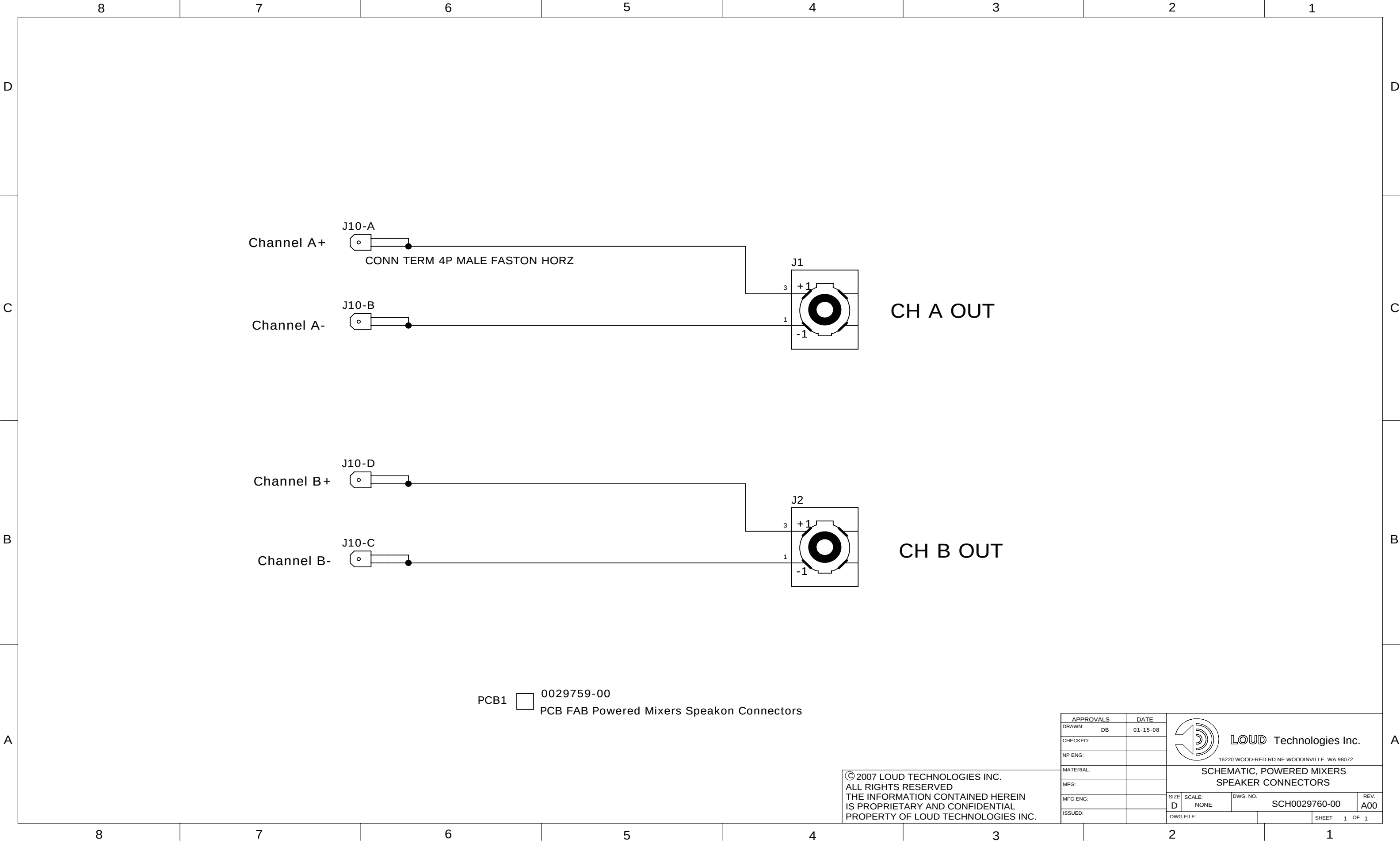






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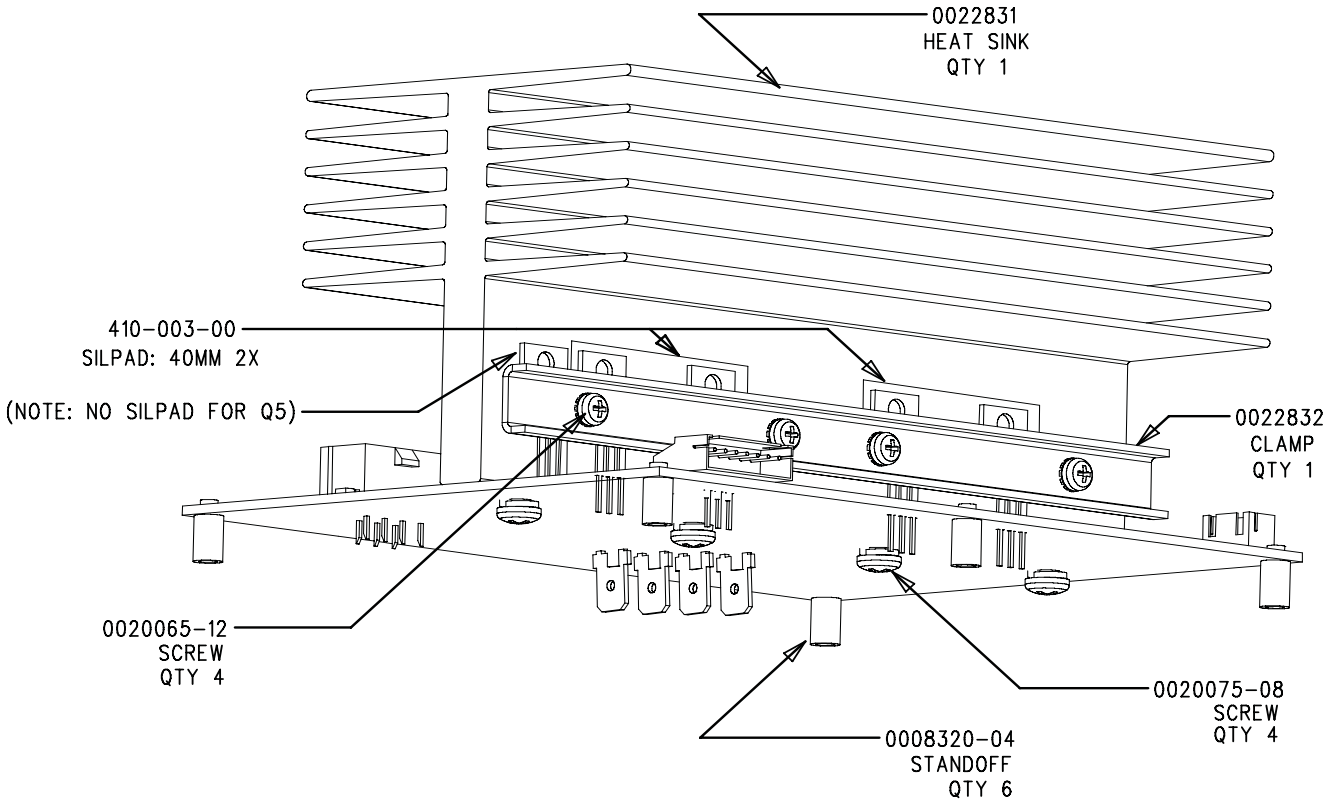
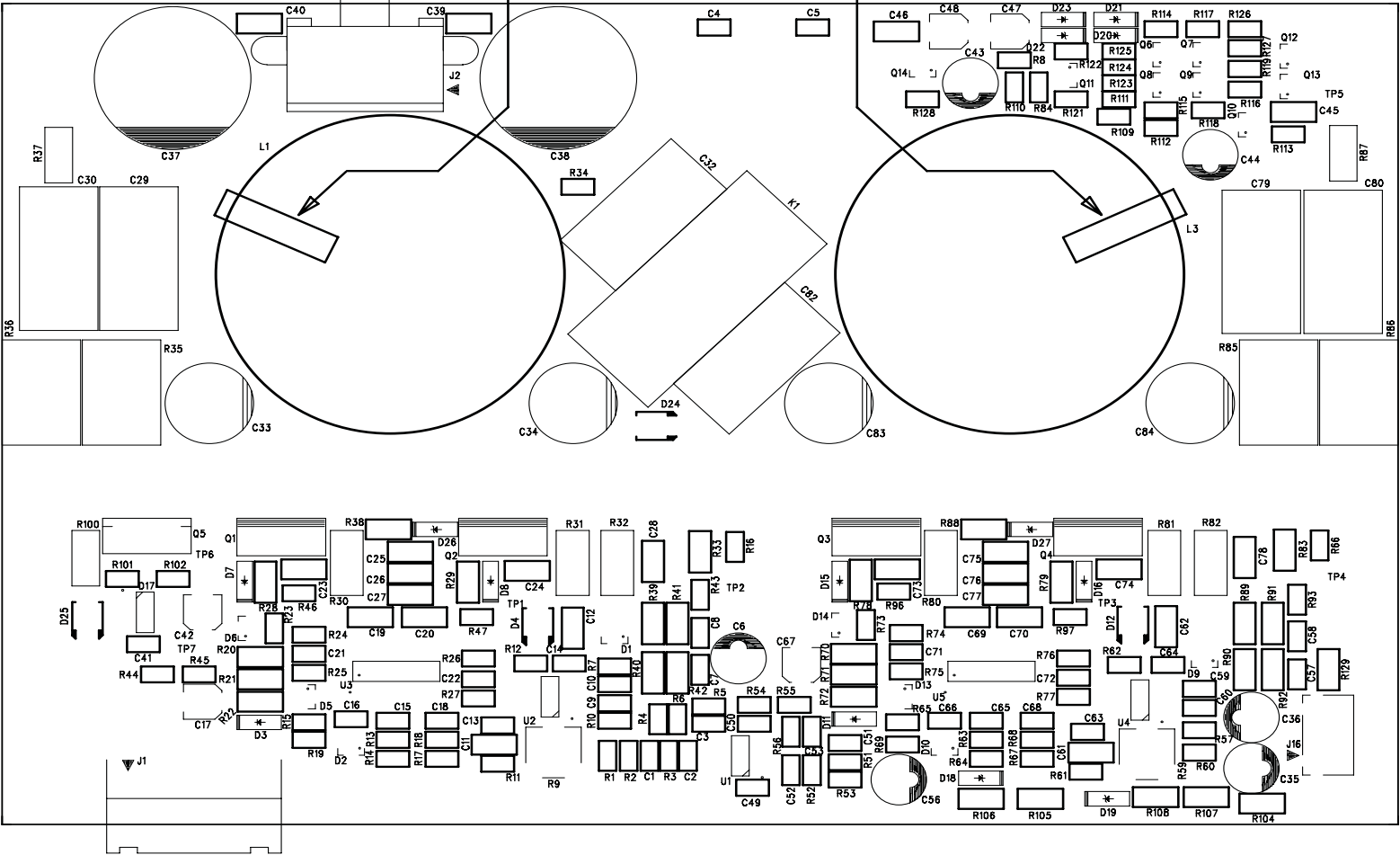
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3

1

ASSEMBLY TOP

SECURE L1 & L3 TO PCB
WITH TIE WRAPS (2X: 0021206)

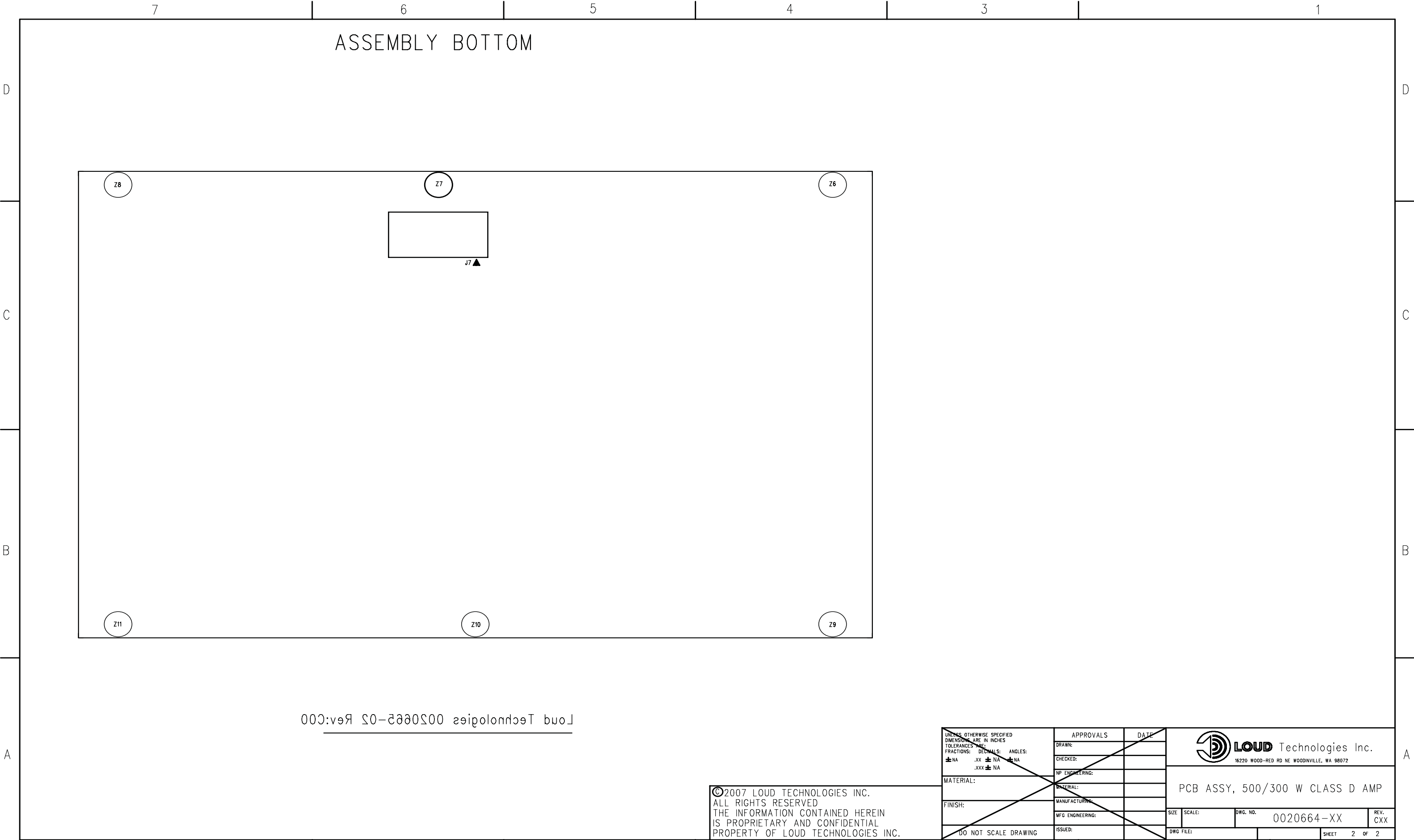


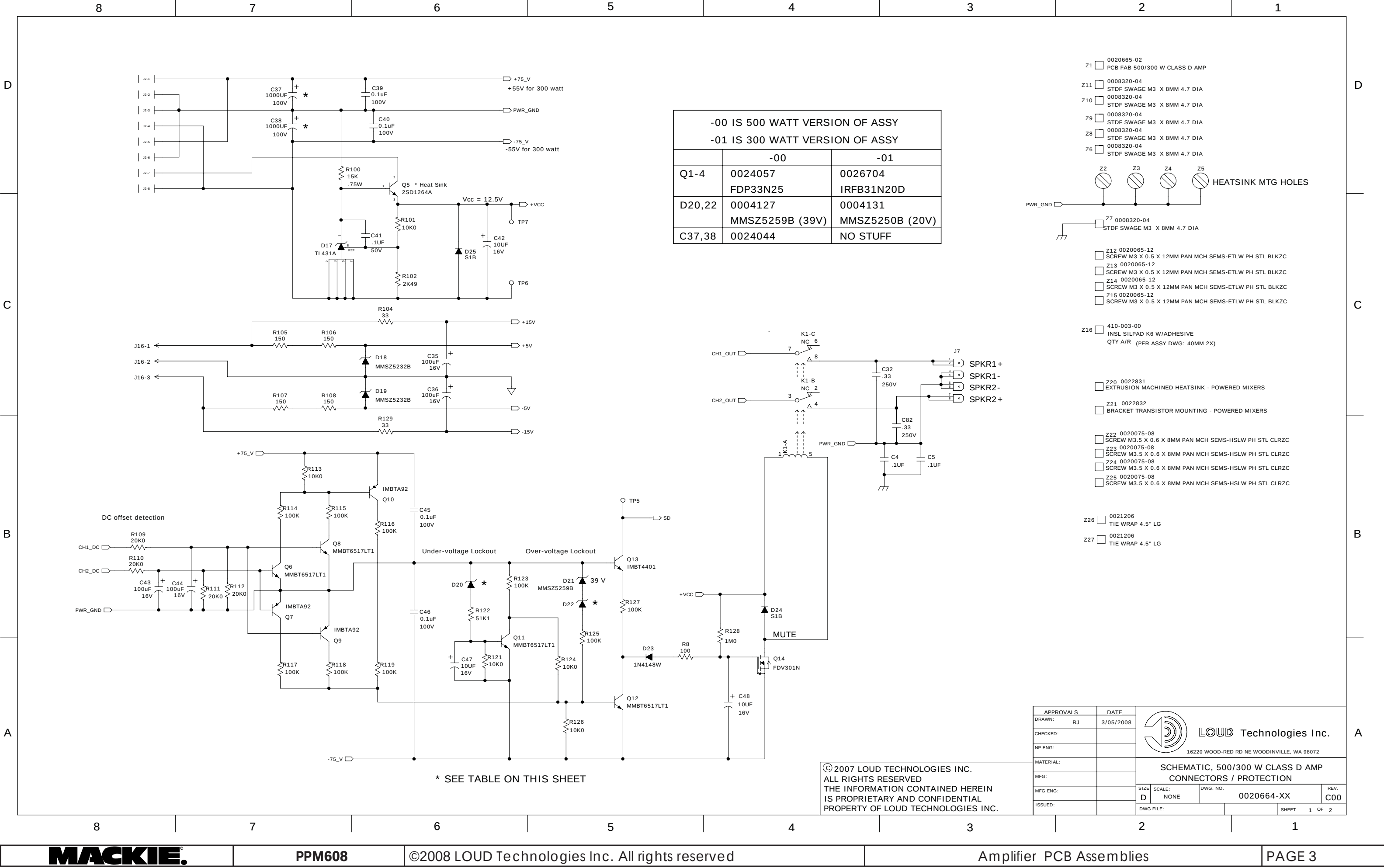
Loud Technologies 0020665-02 Rev:C00

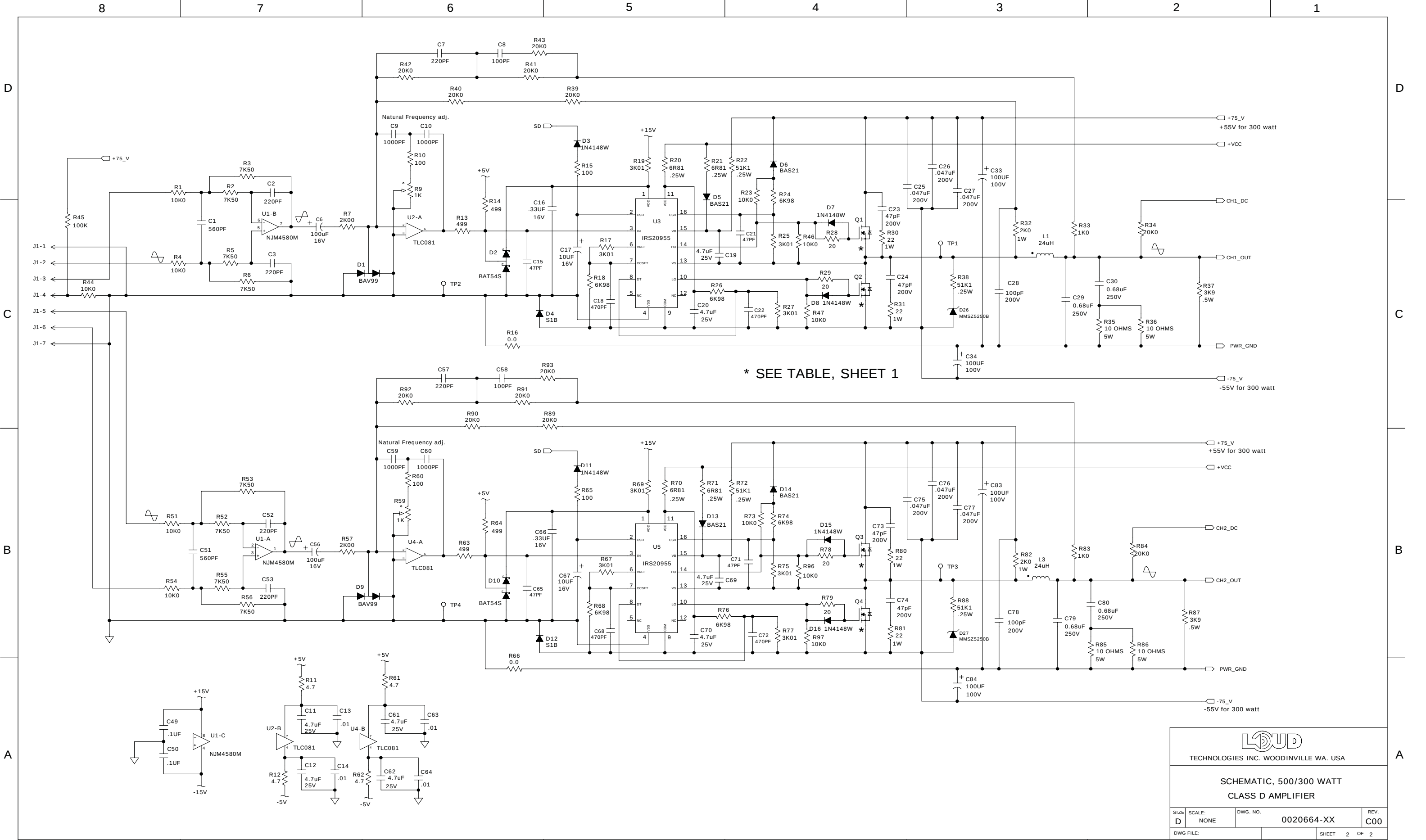
NOTE: -00 IS 500 WATT VERSION OF ASSY
-01 IS 300 WATT VERSION OF ASSY
(SEE BOM'S AND SCHEMATIC FOR DETAILS)

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±NA .XX ±NA ±NA .XXX ±NA	APPROVALS	DATE	 LOUD Technologies Inc. 16220 WOOD-RED RD NE WOODINVILLE, WA 98072	
	DRAWN: DWJ	3/9/07		
	CHECKED:		PCB ASSY, 500/300 W CLASS D AMP	
	NP ENGINEERING:			
	MATERIAL:			
FINISH:	MANUFACTURING:		SIZE SCALE:	DWG. NO. 0020664-XX
DO NOT SCALE DRAWING	MFG ENGINEERING:		DWG FILE:	REV. CXX
	ISSUED:			SHEET 1 OF 2





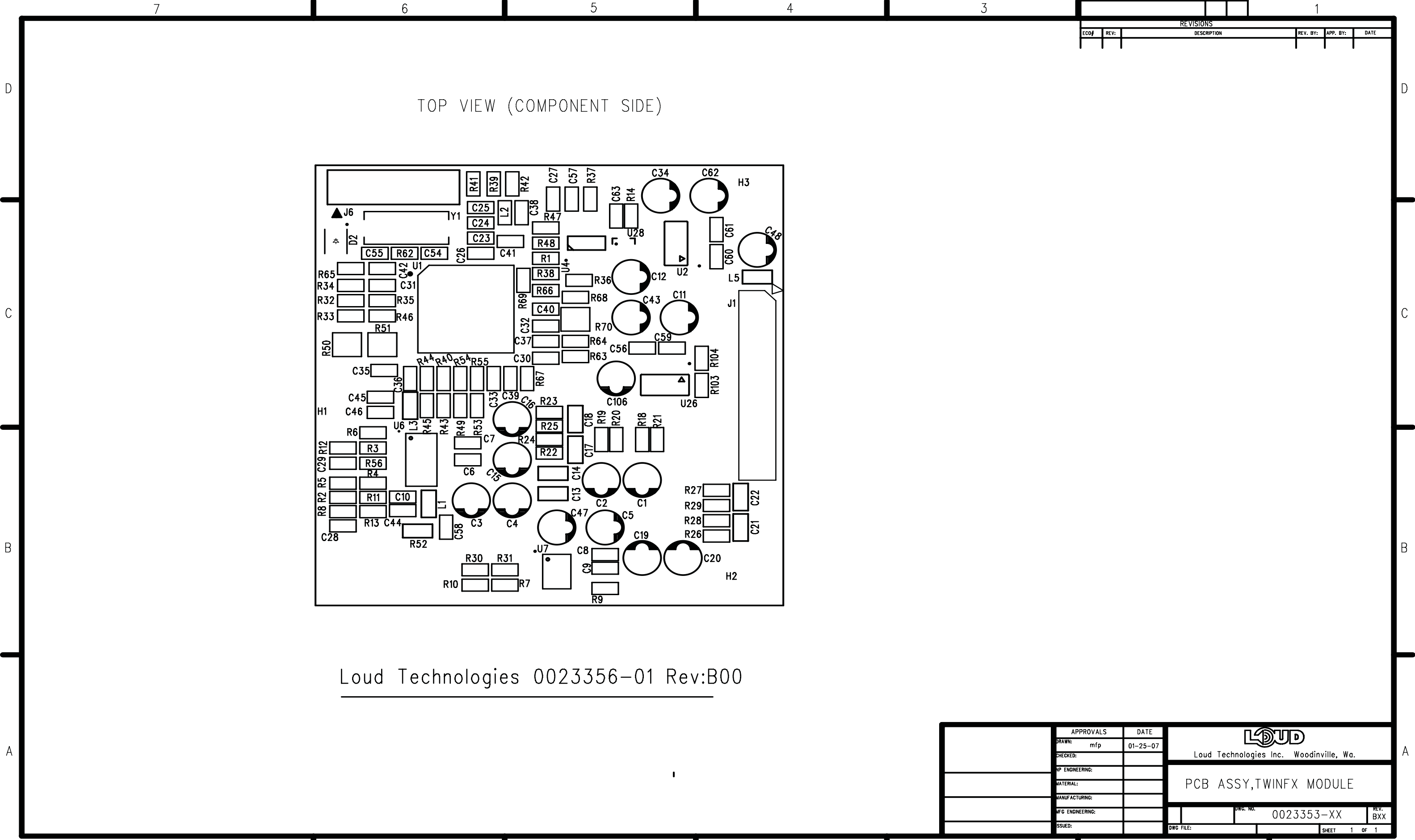




TECHNOLOGIES INC. WOODINVILLE WA. USA

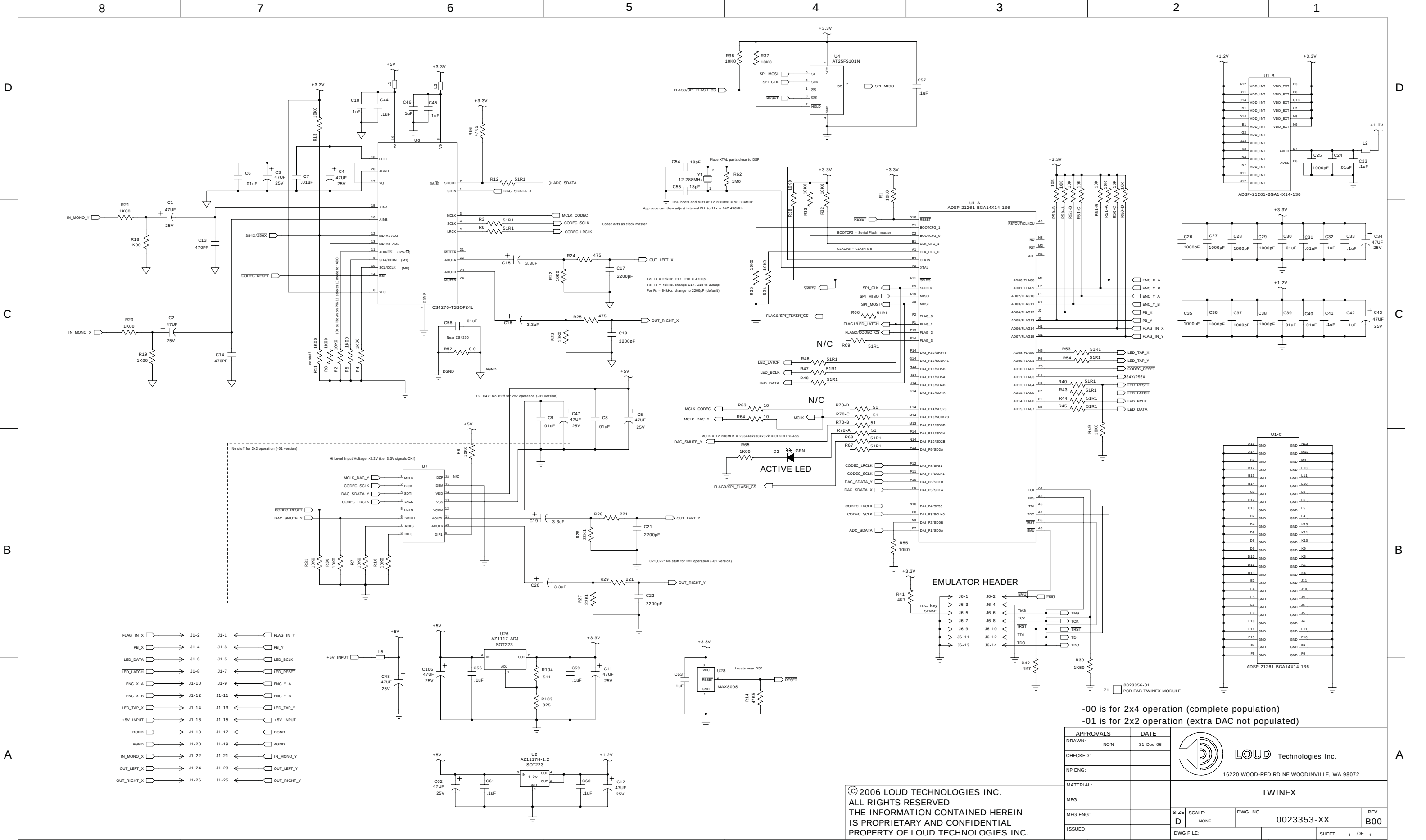
**SCHEMATIC, 500/300 WATT
CLASS D AMPLIFIER**

SIZE D	SCALE NONE	DWG. NO. 0020664-XX	REV. C00
DWG FILE:		SHEET 2 OF 2	



Loud Technologies 0023356-01 Rev:B00

	APPROVALS		DATE	 Loud Technologies Inc. Woodinville, Wa.	
	DRAWN: mfp		01-25-07		
	CHECKED:			PCB ASSY,TWINFX MODULE	
	MP ENGINEERING:				
	MATERIAL:				
	MANUFACTURING:			DWG. NO. 0023353-XX	
	MFG ENGINEERING:				
	ISSUED:			SHEET 1 OF 1	REV. BXX



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-00 is for 2x4 operation (complete population)
-01 is for 2x2 operation (extra DAC not populated)

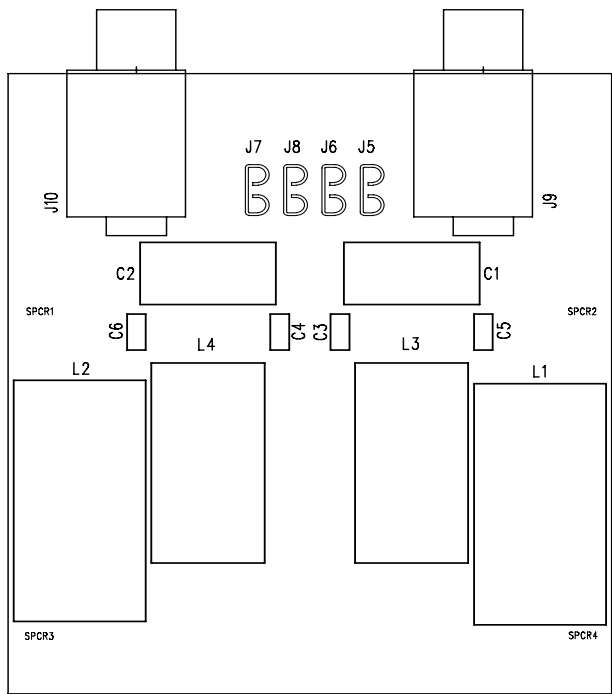
APPROVALS		DATE	
DRAWN:	NO'N	31-Dec-06	
CHECKED:			
NP ENG:			
MATERIAL:			
MFG:			
MFG ENG:			
ISSUED:			

SIZE: D		SCALE: NONE	DWG. NO. 0023353-XX	REV. B00
DWG FILE:				SHEET 1 OF 1



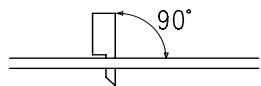
TWINFX

ASSEMBLY TOP



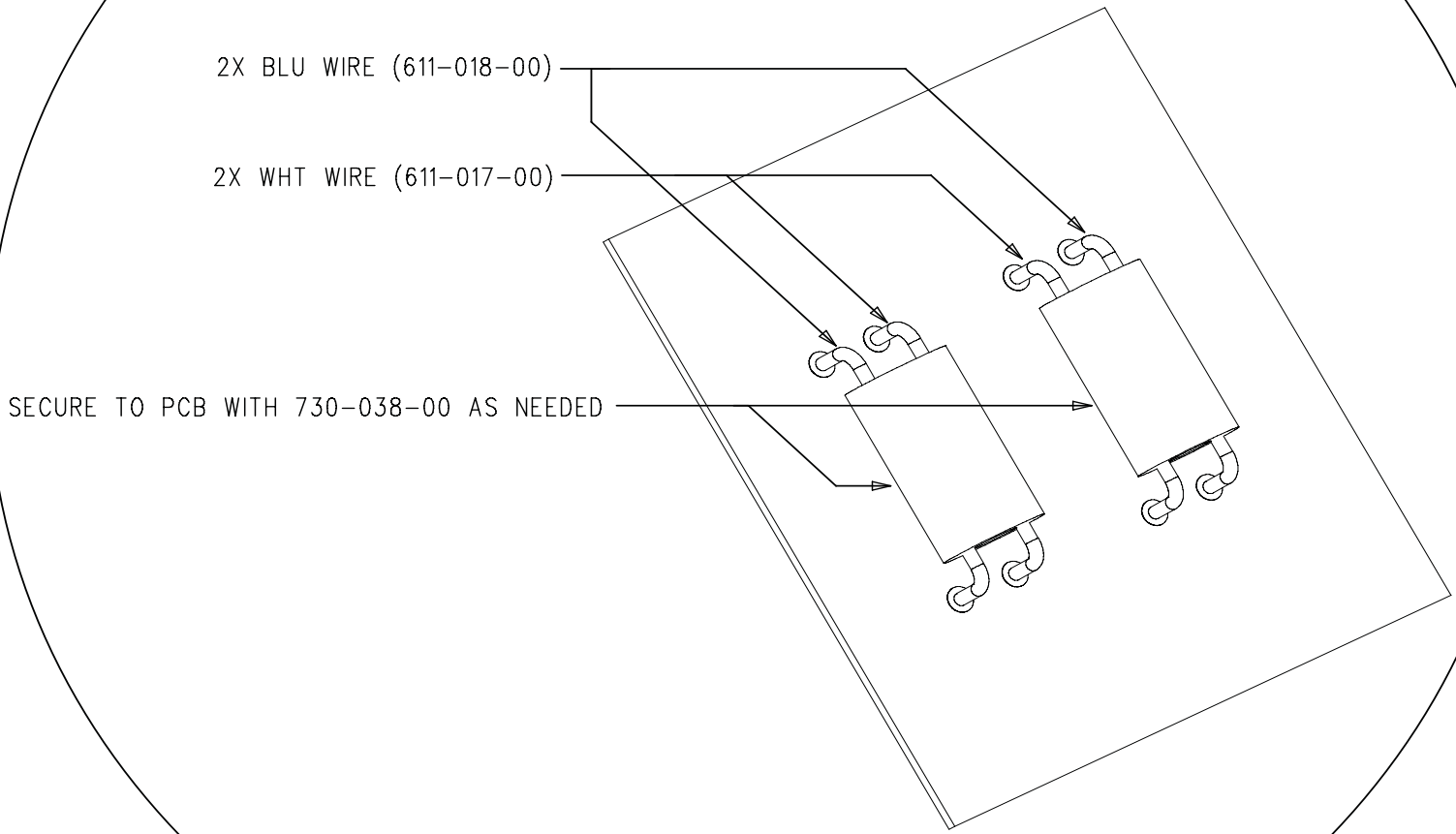
LOUD TECHNOLOGIES INC. | 0029731-00
REV A00

NOTE: THE FEMALE FASTON CONNECTORS (4X TOP, 4X BOTTOM)
NEED TO BE MOUNTED AS "STRAIGHT" AS IS POSSIBLE.



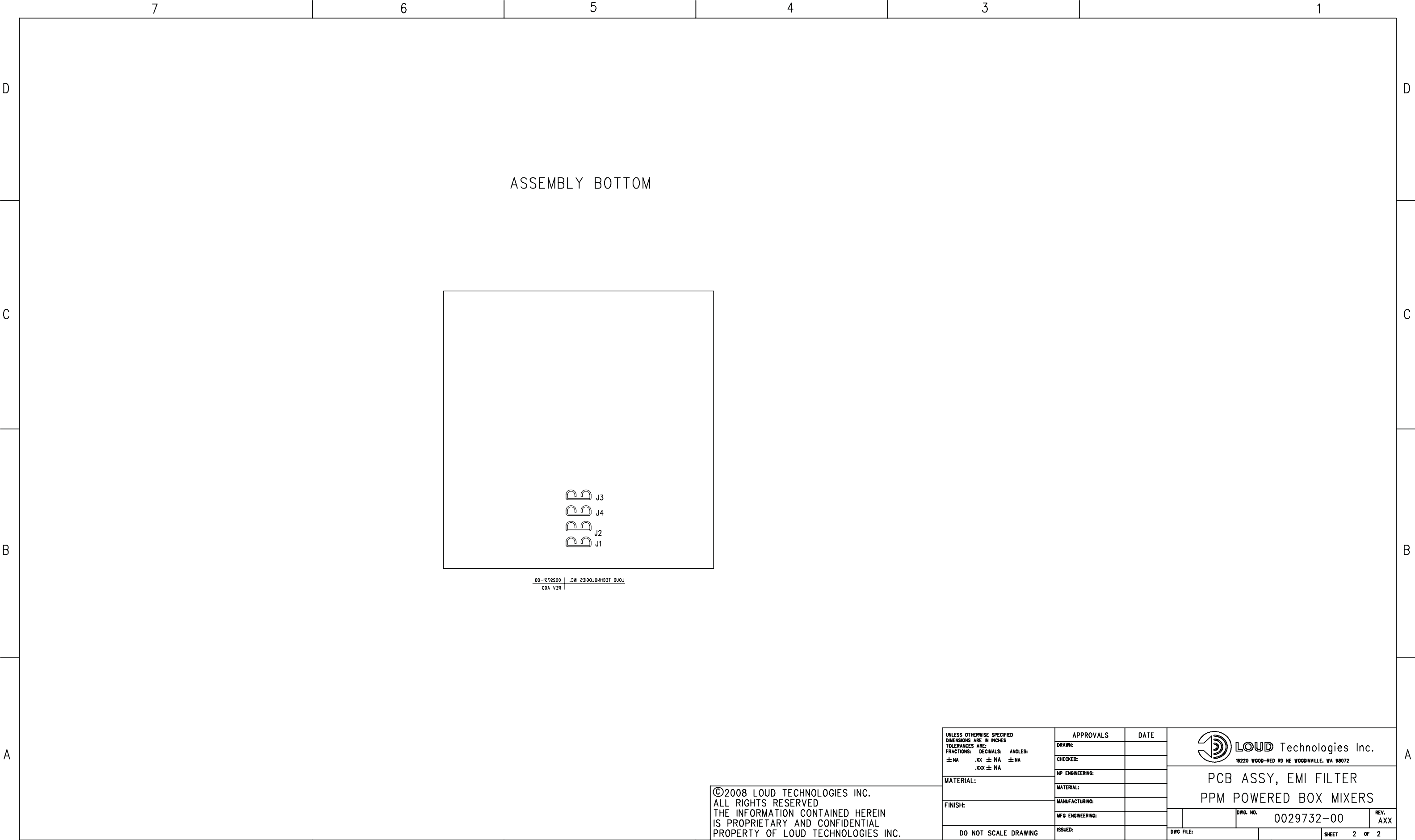
CHOKE ASSEMBLY DETAIL (L4 & L3)

WIRES RUN STRAIGHT THROUGH AND DO NOT CROSS



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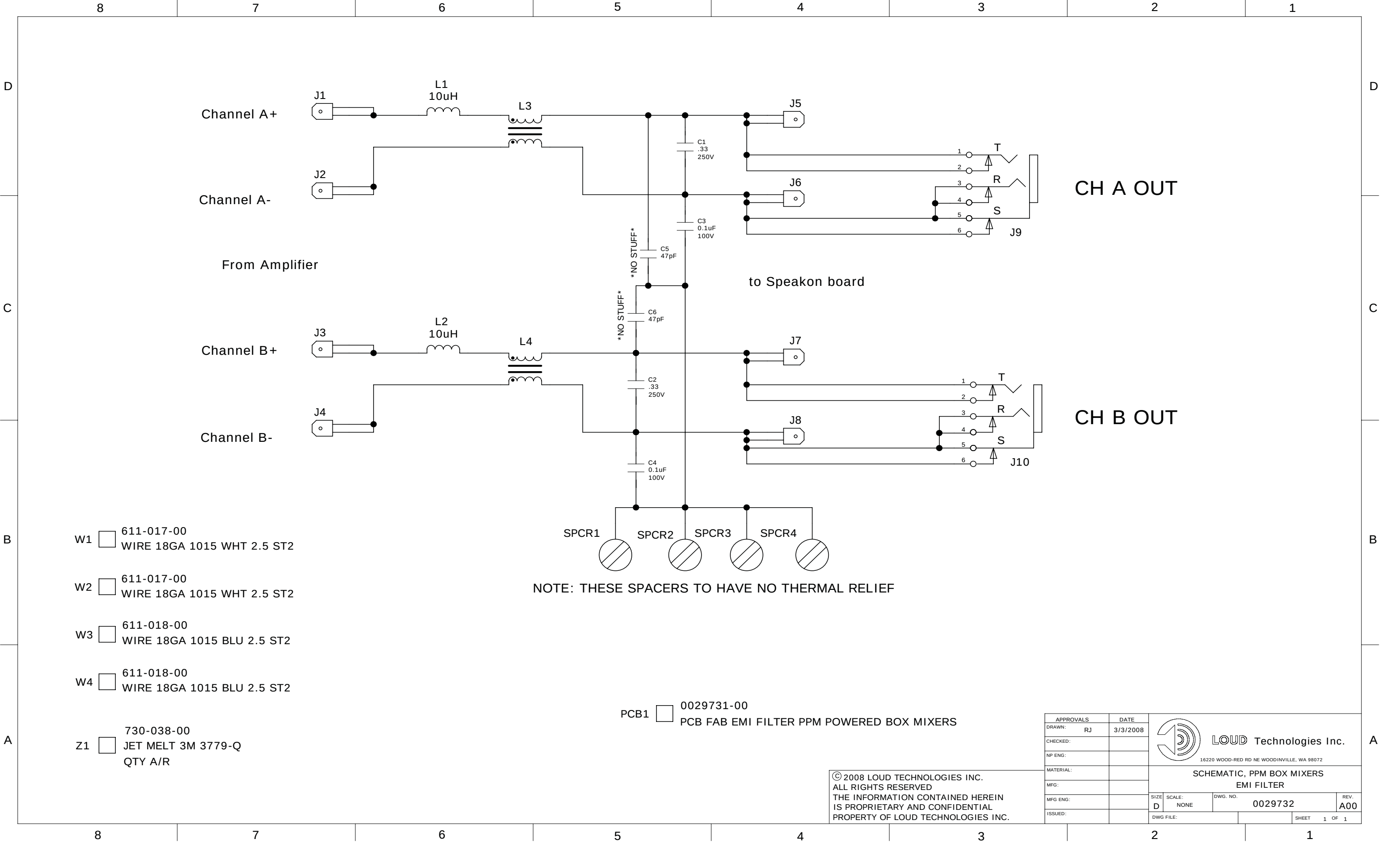
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: DECIMALS: ANGLES: ± NA .XX ± NA ± NA .XXX ± NA	APPROVALS	DATE	 LOUD Technologies Inc. 16220 WOOD-RED RD NE WOODINVILLE, WA 98072	
	DRAWN: mfp	01-24-08		
	CHECKED:		PCB ASSY, EMI FILTER PPM POWERED BOX MIXERS	
	NP ENGINEERING:			
	MATERIAL:			
MATERIAL:	MANUFACTURING:		DWG. NO. 0029732-00 REV. AXX	
FINISH:	MFG ENGINEERING:			
	ISSUED:		DWG FILE:	SHEET 1 OF 2

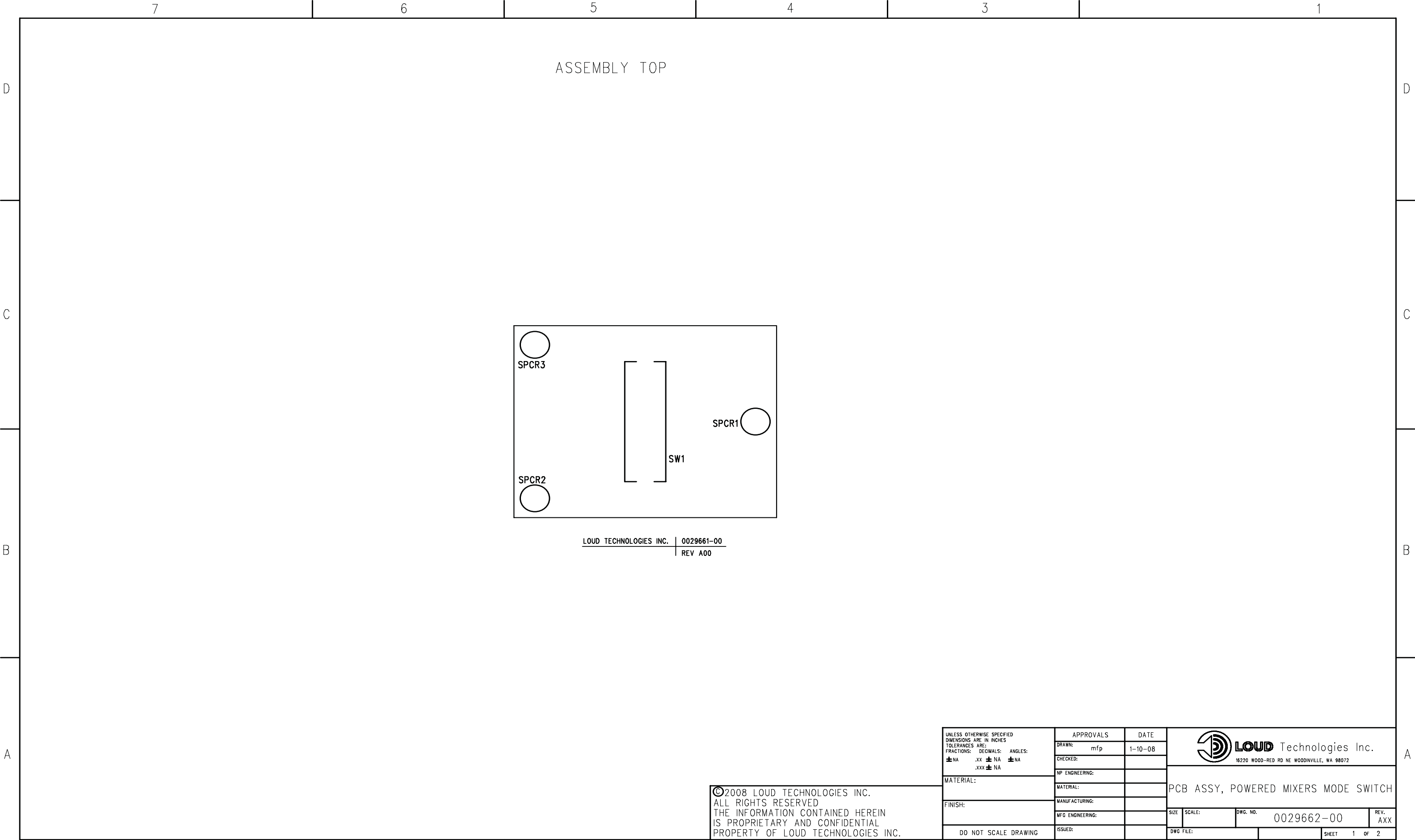


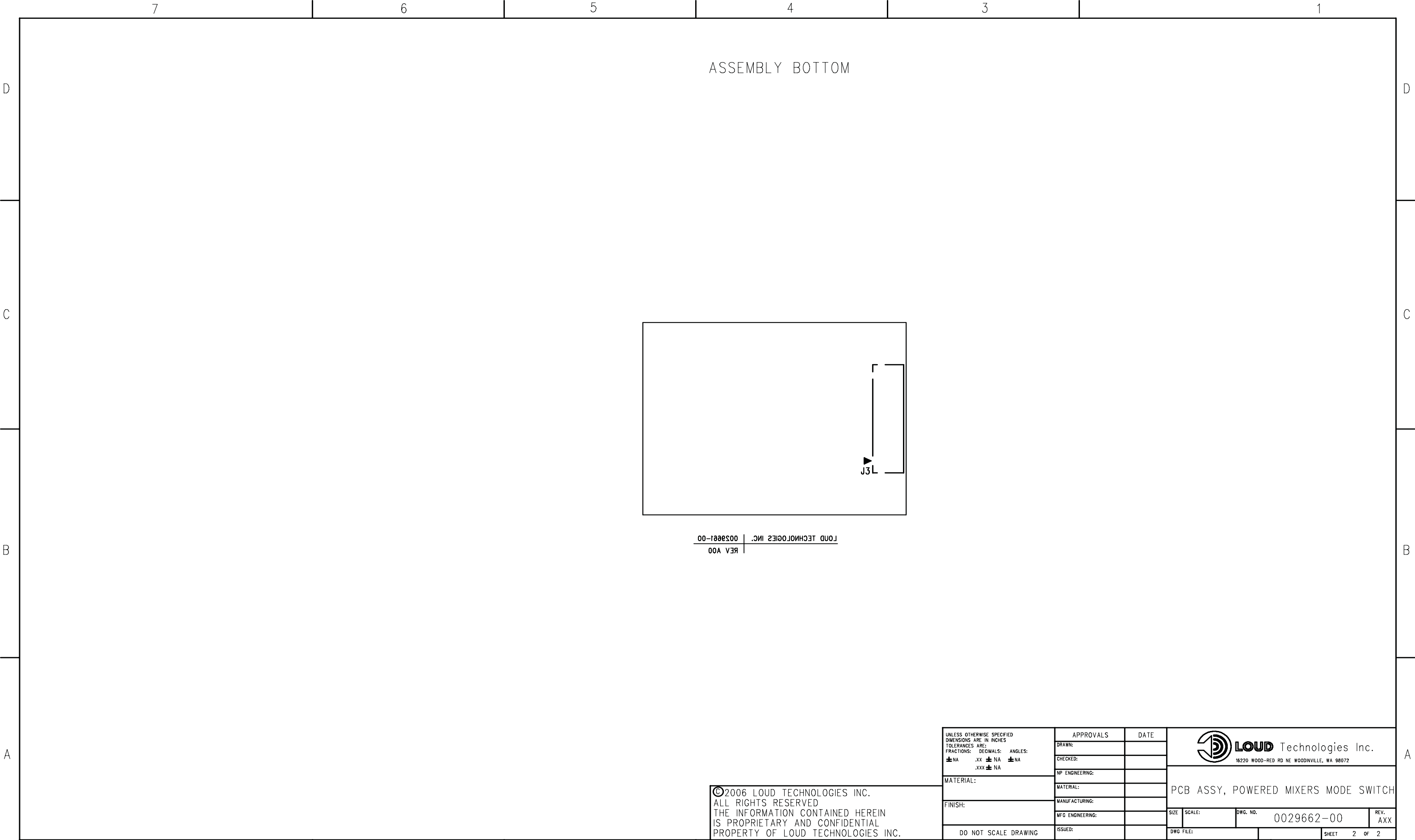
LOUD TECHNOLOGIES INC. 0029732-00
REV A00

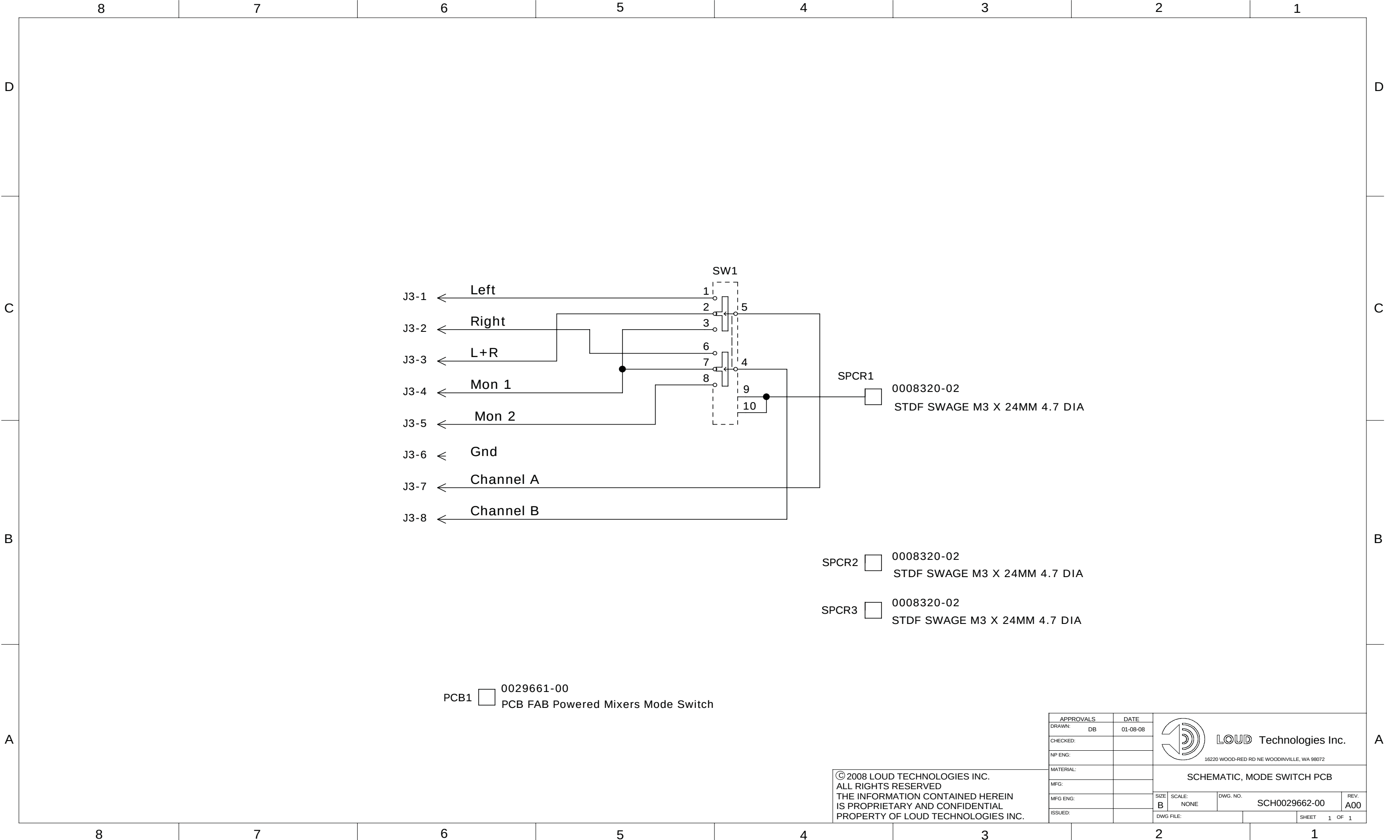
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: DECIMALS: ANGLES: ± NA .XX ± NA ± NA .XXX ± NA	APPROVALS	DATE	 LOUD Technologies Inc. 16220 WOOD-RED RD NE WOODINVILLE, WA 98072		
	DRAWN:				
	CHECKED:		PCB ASSY, EMI FILTER PPM POWERED BOX MIXERS		
	MP ENGINEERING:				
	MATERIAL:				
MATERIAL:	MANUFACTURING:		DWG. NO. 0029732-00 REV. AXX		
FINISH:	MFG ENGINEERING:				
DO NOT SCALE DRAWING	ISSUED:		DWG FILE:	SHEET 2 OF 2	









APPROVALS		DATE	
DRAWN:	DB	01-08-08	
CHECKED:			
NP ENG:			
MATERIAL:			
MFG:			
MFG ENG:			
ISSUED:			
SIZE		SCALE:	DWG. NO.
B		NONE	SCH0029662-00
DWG FILE:		REV. A00	
		SHEET 1 OF 1	



LOUD Technologies Inc.

16220 WOOD-RED RD NE WOODINVILLE, WA 98072

SCHEMATIC, MODE SWITCH PCB

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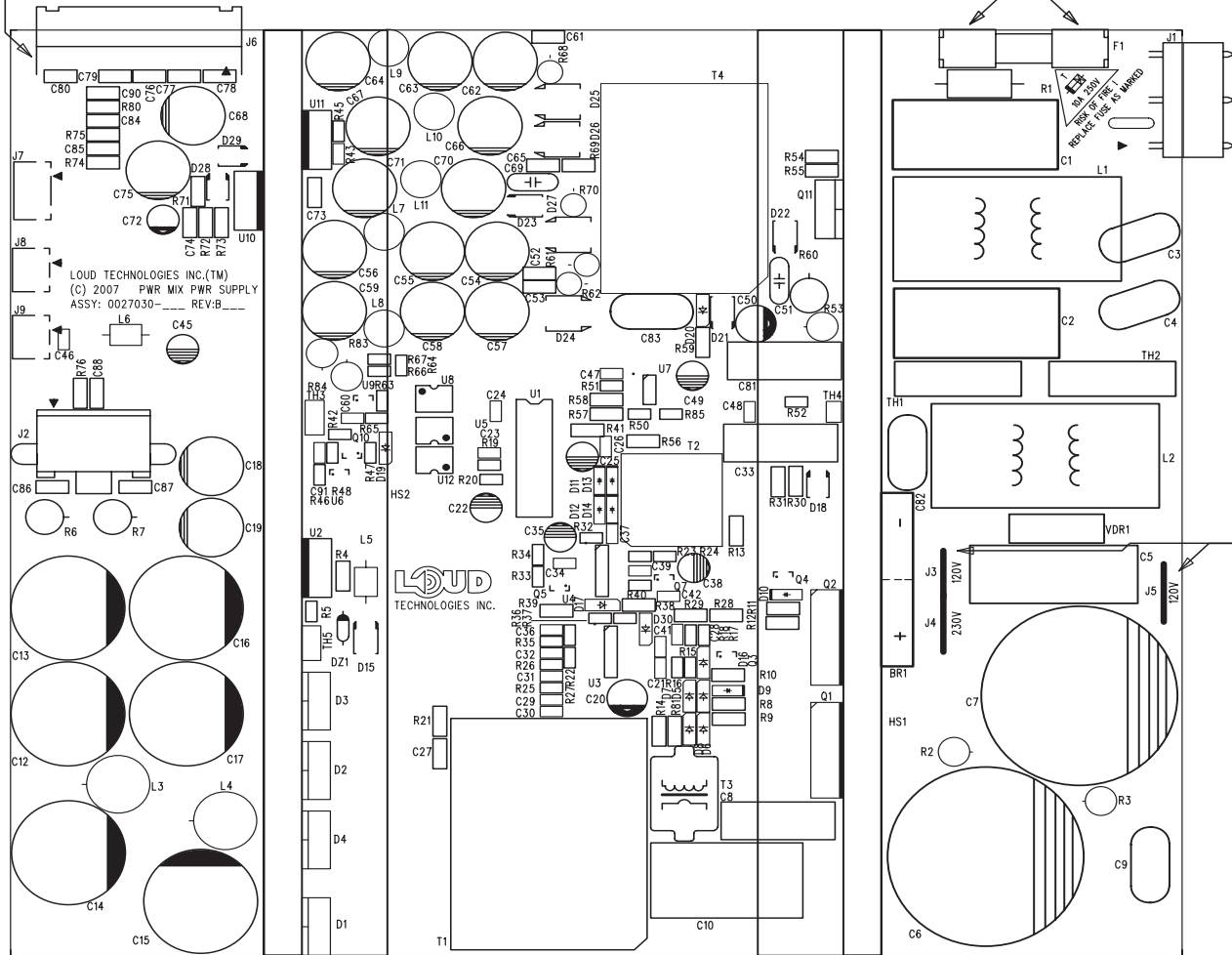
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ASSEMBLY TOP

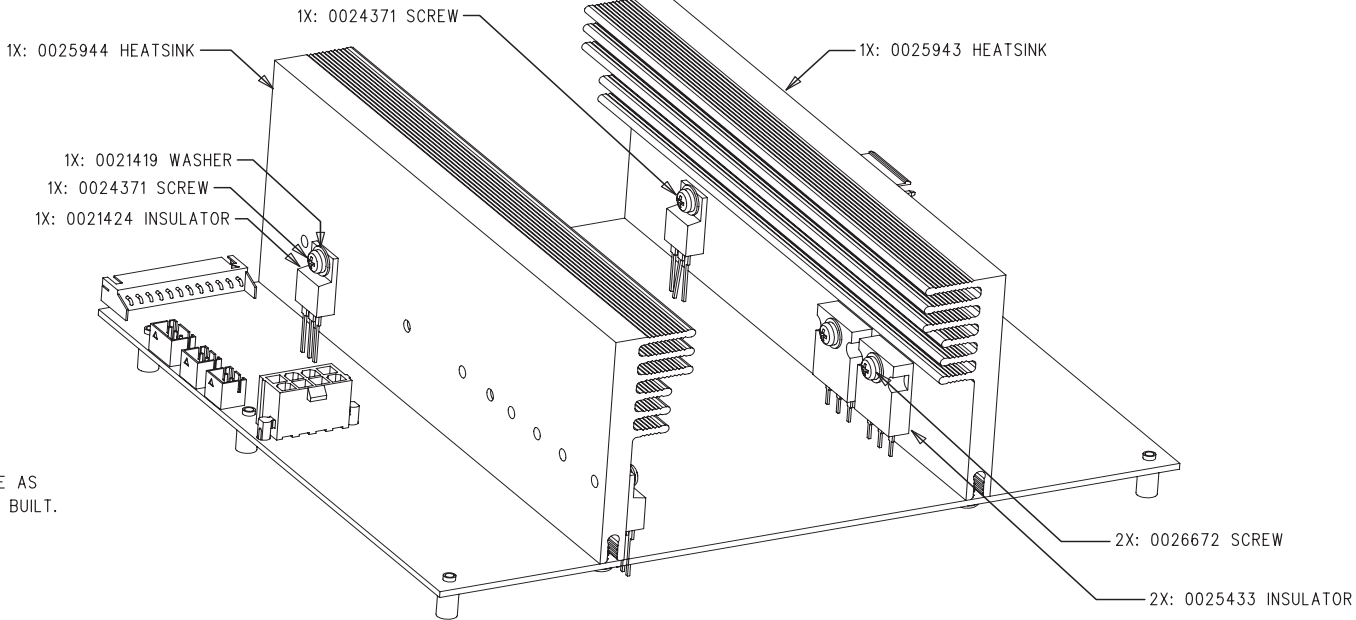
NOTE: USE THERMAL COMPOUND ON HEATSINK COMPONENTS PER STANDARD INDUSTRY PRACTICE.

STUFF 12 PIN CONNECTOR AS SHOWN, LEAVE THIS END PIN "OPEN"

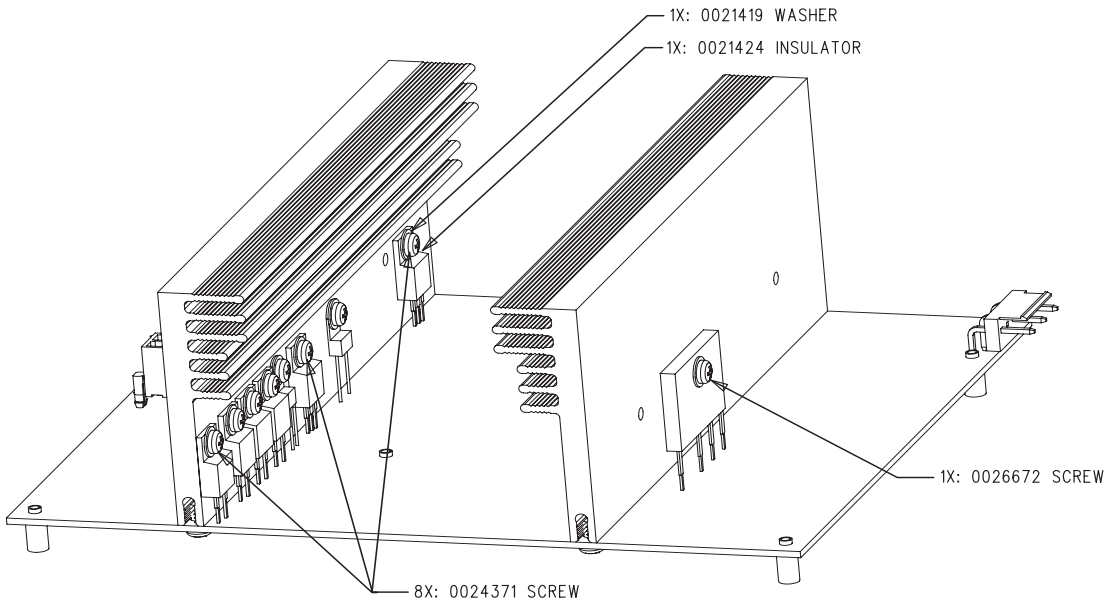
2X: 0025343 FUSE CLIP



LOUD TECHNOLOGIES INC. 0025961-01 REV:000
SILKSCREEN TOP



NOTE 3 JUMPER LOCATIONS, POPULATE AS NEEDED FOR VOLTAGE VERSION BEING BUILT.



VERSION TABLE	
-00	SMALL BOX 120V VERSION
-01	SMALL BOX 230V VERSION
-02	BIG BOX 120V VERSION
-03	BIG BOX 230V VERSION

7X: 0008320-04 STANDOFF
(ALSO SHOWN ON SHEET 2)

6X: 0026697 WASHER
6X: 0027012 SCREW

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	DRAWN:			
	CHECKED:		PCB ASSY, PWR MIX PWR SUPPLY	
	NP ENGINEERING:			
	MATERIAL:			
FINISH:	MANUFACTURING:			
DO NOT SCALE DRAWING	MFG ENGINEERING:		SIZE SCALE:	DWG. NO. 0027030-XX
	ISSUED:		DWG FILE:	REV. BXX
			SHEET 1 OF 2	

7

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7 6 5 4 3 1

D

C

B

A

ASSEMBLY BOTTOM

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP36 TP37 TP38 TP39 TP40 TP41 TP42 TP43 TP44 TP45 TP46 TP47 TP48 TP49 TP50 TP51 TP52 TP53 TP54 TP55 TP56 TP57 TP58 TP59 TP60 TP61 TP62 TP63 TP64 TP65 TP66 TP67 TP68 TP69 TP70 TP71 TP72 TP73 TP74 TP75 TP76 TP77 TP78 TP79 TP80 TP81 TP82 TP83 TP84 TP85 TP86 TP87 TP88 TP89 TP90 TP91 TP92 TP93 TP94 TP95 TP96 TP97 TP98 TP99 TP100

LOUD TECHNOLOGIES INC.(TM)
(C) 2007 PWR MIX PWR SUPPLY
PCB: 0025961-01 REV:B00

008 VER 10-1 180208 INC. 0052961-01 REV:B00
SILKSCREEN BOTTOM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS: DECIMALS: ANGLES:
± NA .XX ± NA ± NA
.XXX ± NA

MATERIAL:

FINISH:

DO NOT SCALE DRAWING

APPROVALS DATE

DRAWN:

CHECKED:

NP ENGINEERING:

MATERIAL:

MANUFACTURING:

MFG ENGINEERING:

ISSUED:

LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

PCB ASSY, PWR MIX PWR SUPPLY

SIZE SCALE: DWG. NO. 0027030-XX REV. BXX

DWG FILE: SHEET 2 OF 2

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7 6 5 4 3 1

D

C

B

A

ASSEMBLY BOTTOM

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP36 TP37 TP38 TP39 TP40 TP41 TP42 TP43 TP44 TP45 TP46 TP47 TP48 TP49 TP50 TP51 TP52 TP53 TP54 TP55 TP56 TP57 TP60 TP61

E1 E2 E3 E4 E5 E6 E7

LOUD TECHNOLOGIES INC.(TM)
(C) 2007 PWR MIX PWR SUPPLY
PCB: 0025961-01 REV:B00

0025961-01 REV:B00
LOUD TECHNOLOGIES INC.
SILKSCREEN BOTTOM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS: DECIMALS: ANGLES:
± NA .XX ± NA ± NA
.XXX ± NA

MATERIAL:

FINISH:

DO NOT SCALE DRAWING

APPROVALS		DATE
DRAWN:		
CHECKED:		
NP ENGINEERING:		
MATERIAL:		
MANUFACTURING:		
MFG ENGINEERING:		
ISSUED:		

LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

PCB ASSY, PWR MIX PWR SUPPLY

SIZE SCALE: DWG. NO. 0027030-XX REV. BXX

DWG FILE: SHEET 2 OF 2

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7 6 5 4 3 1

D

C

B

A

ASSEMBLY BOTTOM

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP36 TP37 TP38 TP39 TP40 TP41 TP42 TP43 TP44 TP45 TP46 TP47 TP48 TP49 TP50 TP51 TP52 TP53 TP54 TP55 TP56 TP57 TP60 TP61

E1 E2 E3 E4 E5 E6 E7

LOUD TECHNOLOGIES INC.(TM)
(C) 2007 PWR MIX PWR SUPPLY
PCB: 0025961-01 REV:B00

0025961-01 REV:B00
LOUD TECHNOLOGIES INC.
SILKSCREEN BOTTOM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS: DECIMALS: ANGLES:
± NA .XX ± NA ± NA
.XXX ± NA

MATERIAL:

FINISH:

DO NOT SCALE DRAWING

APPROVALS		DATE
DRAWN:		
CHECKED:		
NP ENGINEERING:		
MATERIAL:		
MANUFACTURING:		
MFG ENGINEERING:		
ISSUED:		

LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

PCB ASSY, PWR MIX PWR SUPPLY

SIZE SCALE: DWG. NO. 0027030-XX REV. BXX

DWG FILE: SHEET 2 OF 2

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7 6 5 4 3 1

D

C

B

A

ASSEMBLY BOTTOM

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP36 TP37 TP38 TP39 TP40 TP41 TP42 TP43 TP44 TP45 TP46 TP47 TP48 TP49 TP50 TP51 TP52 TP53 TP54 TP55 TP56 TP57 TP60 TP61

E1 E2 E3 E4 E5 E6 E7

LOUD TECHNOLOGIES INC.(TM)
(C) 2007 PWR MIX PWR SUPPLY
PCB: 0025961-01 REV:B00

0025961-01 REV:B00
LOUD TECHNOLOGIES INC.
SILKSCREEN BOTTOM

PART # / SERIAL #	TEST	QC	STAMP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		APPROVALS	DATE
FRACTIONS: $\pm$ NA	DECIMALS: .XX $\pm$ NA	DRAWN:	
ANGLES: .XXX $\pm$ NA		CHECKED:	
MATERIAL:		NP ENGINEERING:	
FINISH:		MATERIAL:	
		MANUFACTURING:	
		MFG ENGINEERING:	
		ISSUED:	

DO NOT SCALE DRAWING

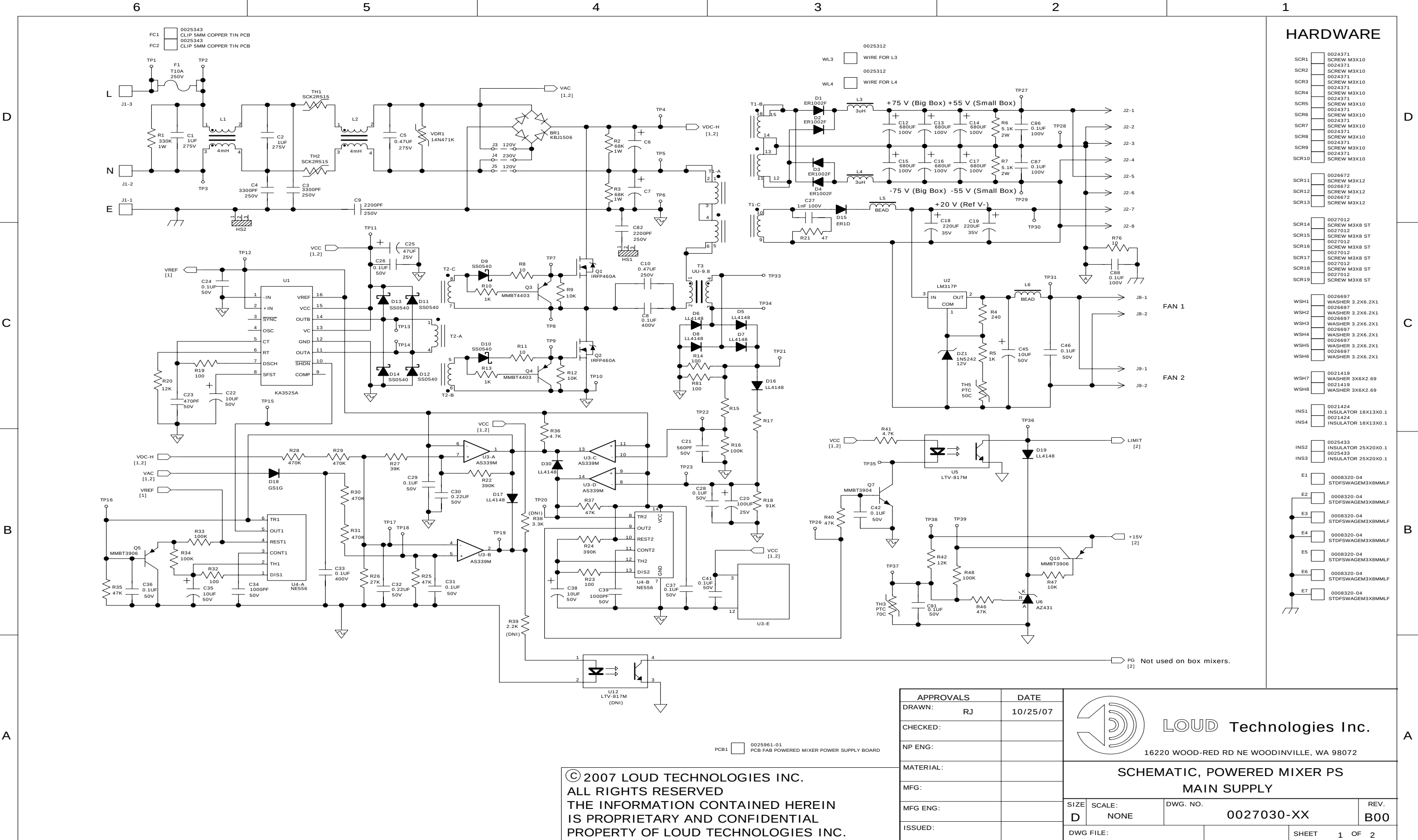
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LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

PCB ASSY, PWR MIX PWR SUPPLY

SIZE SCALE: DWG. NO. 0027030-XX REV. BXX

DWG FILE: SHEET 2 OF 2

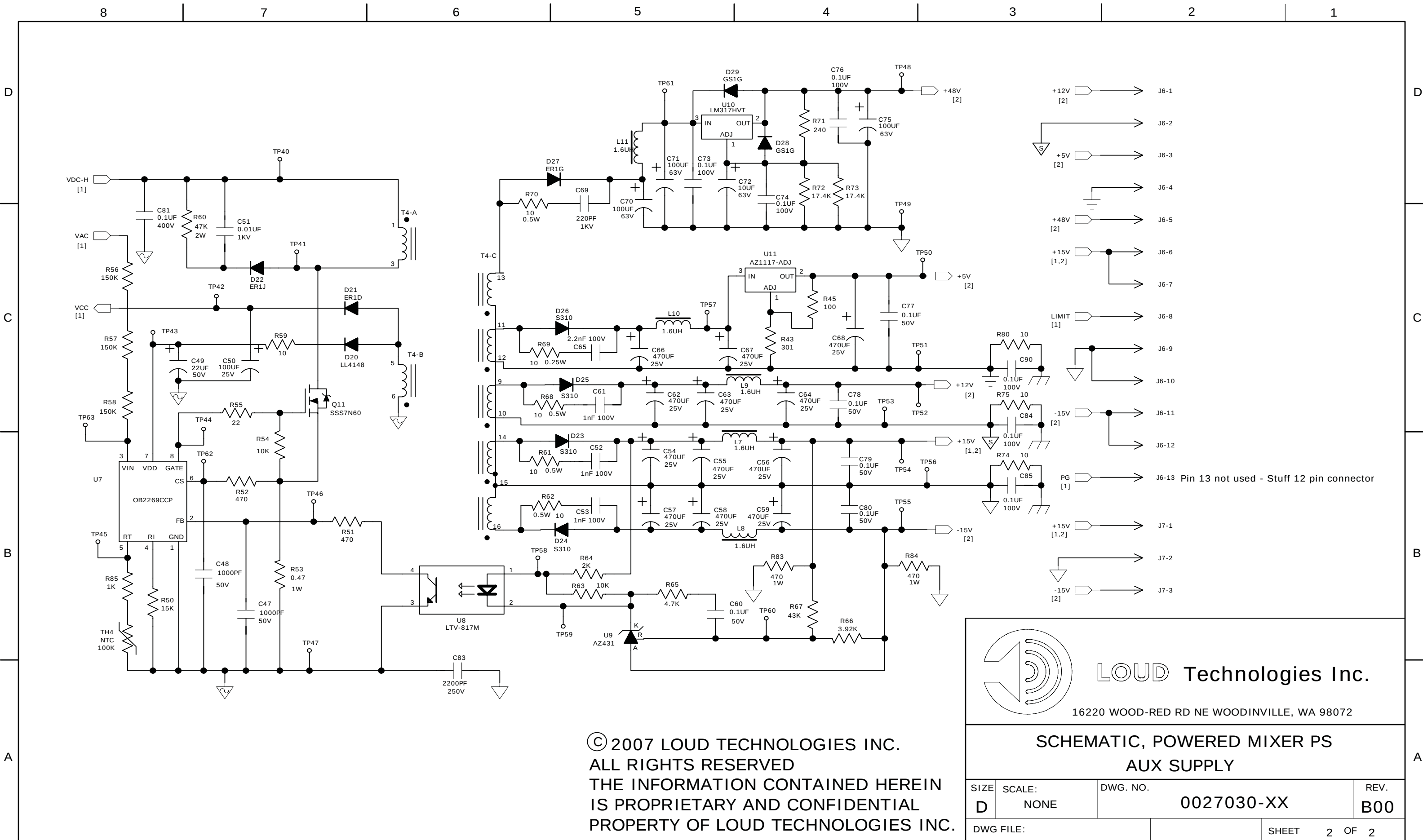


HARDWARE

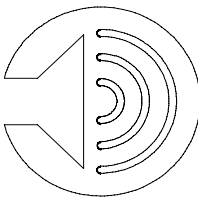
- SCR1 0024371 SCREW M3X10
- SCR2 0024371 SCREW M3X10
- SCR3 0024371 SCREW M3X10
- SCR4 0024371 SCREW M3X10
- SCR5 0024371 SCREW M3X10
- SCR6 0024371 SCREW M3X10
- SCR7 0024371 SCREW M3X10
- SCR8 0024371 SCREW M3X10
- SCR9 0024371 SCREW M3X10
- SCR10 0024371 SCREW M3X10
- SCR11 0026672 SCREW M3X12
- SCR12 0026672 SCREW M3X12
- SCR13 0026672 SCREW M3X12
- SCR14 0027012 SCREW M3X8 ST
- SCR15 0027012 SCREW M3X8 ST
- SCR16 0027012 SCREW M3X8 ST
- SCR17 0027012 SCREW M3X8 ST
- SCR18 0027012 SCREW M3X8 ST
- SCR19 0027012 SCREW M3X8 ST
- WSH1 0026697 WASHER 3.2X6.2X1
- WSH2 0026697 WASHER 3.2X6.2X1
- WSH3 0026697 WASHER 3.2X6.2X1
- WSH4 0026697 WASHER 3.2X6.2X1
- WSH5 0026697 WASHER 3.2X6.2X1
- WSH6 0026697 WASHER 3.2X6.2X1
- WSH7 0021419 WASHER 3X6X2.69
- WSH8 0021419 WASHER 3X6X2.69
- INS1 0021424 INSULATOR 18X13X0.1
- INS4 0021424 INSULATOR 18X13X0.1
- INS2 0025433 INSULATOR 25X20X0.1
- INS3 0025433 INSULATOR 25X20X0.1
- E1 0008320-04 STDFS WAGEM3X8MMLF
- E2 0008320-04 STDFS WAGEM3X8MMLF
- E3 0008320-04 STDFS WAGEM3X8MMLF
- E4 0008320-04 STDFS WAGEM3X8MMLF
- E5 0008320-04 STDFS WAGEM3X8MMLF
- E6 0008320-04 STDFS WAGEM3X8MMLF
- E7 0008320-04 STDFS WAGEM3X8MMLF

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APPROVALS		DATE		 LOUD Technologies Inc. 16220 WOOD-RED RD NE WOODINVILLE, WA 98072			
DRAWN: RJ		10/25/07					
CHECKED:							
NP ENG:							
MATERIAL:				SCHEMATIC, POWERED MIXER PS MAIN SUPPLY			
MFG:							
MFG ENG:							
ISSUED:				SIZE D	SCALE: NONE	DWG. NO. 0027030-XX	REV. B00
				DWG FILE:			SHEET 1 OF 2



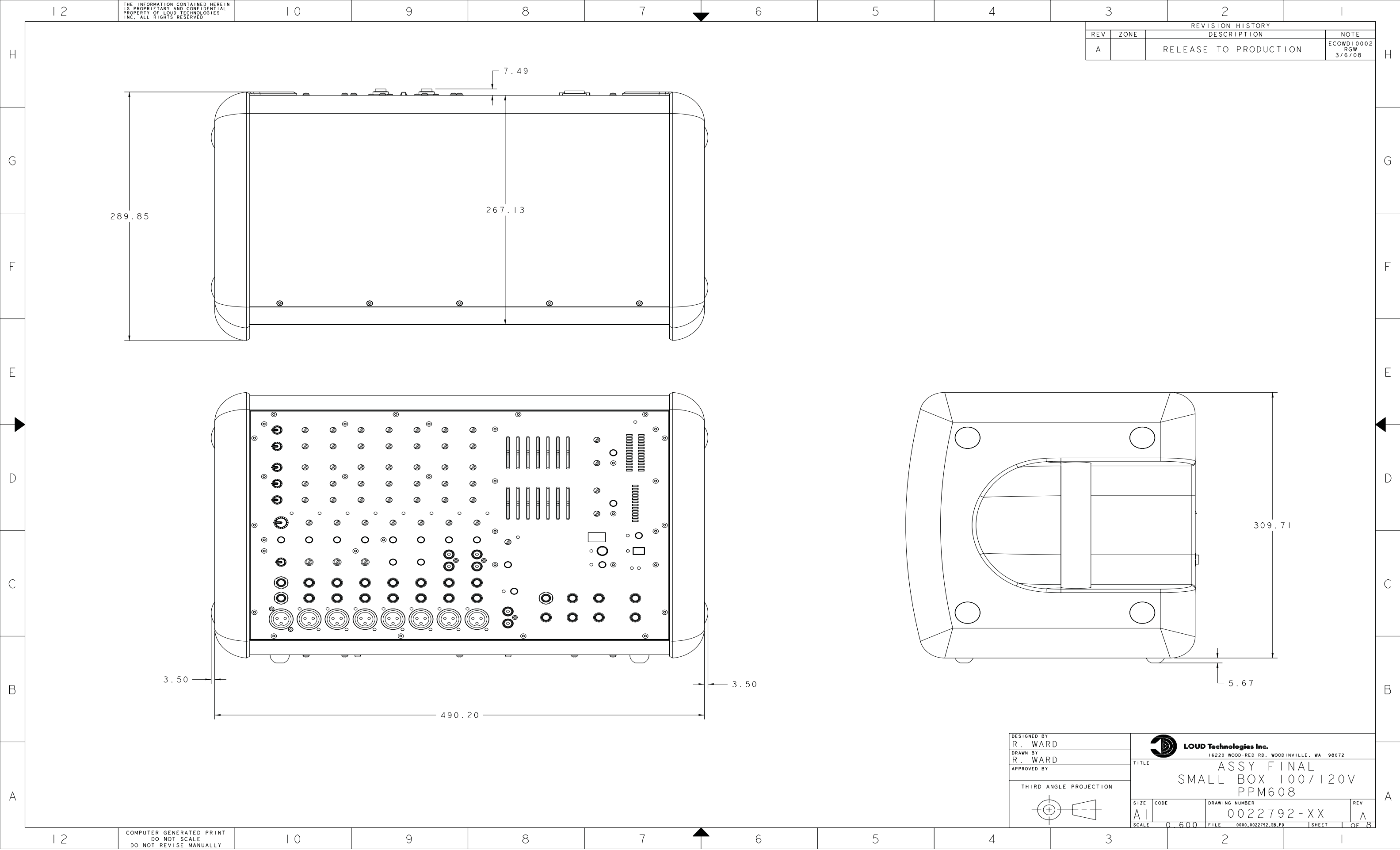
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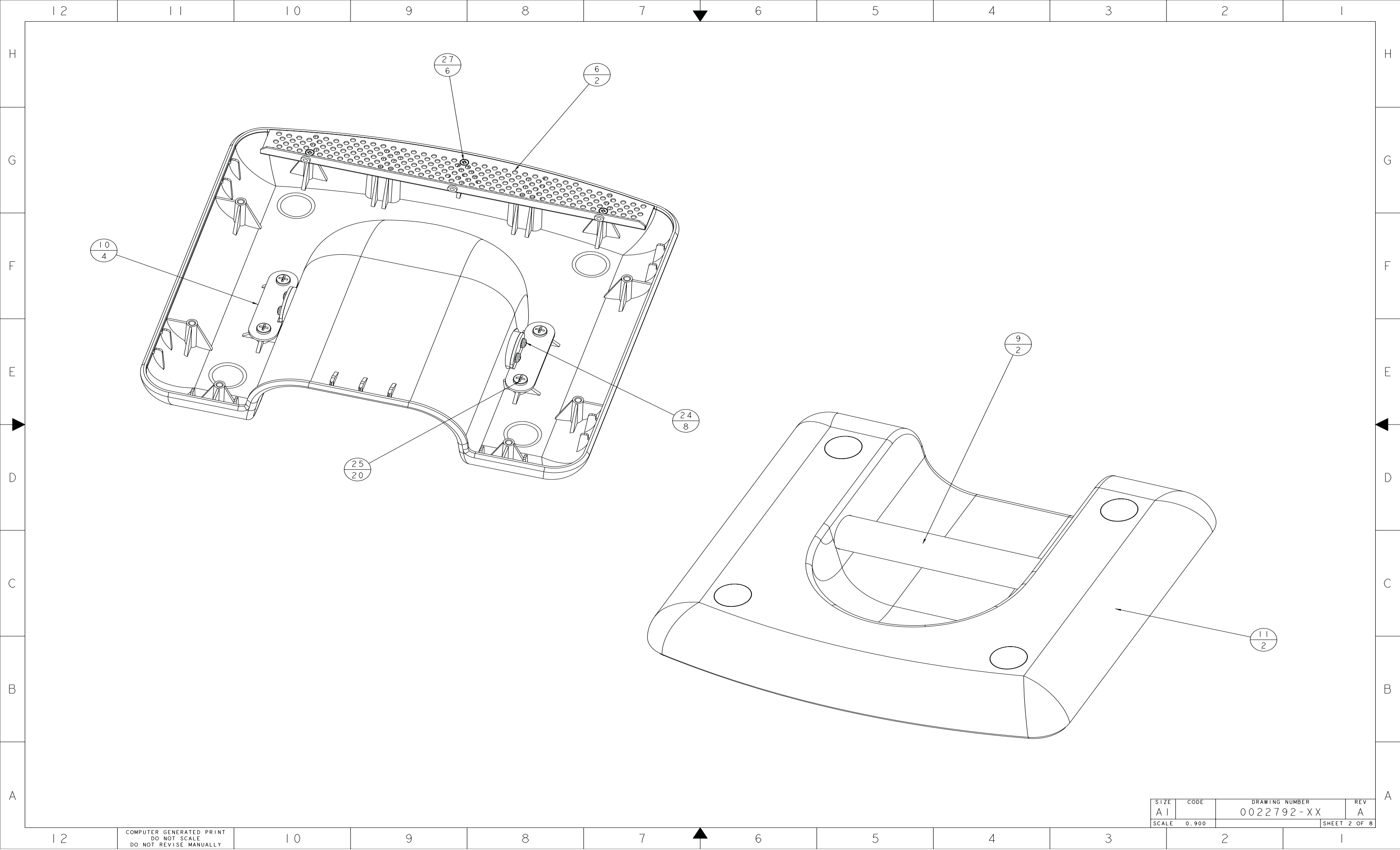


LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

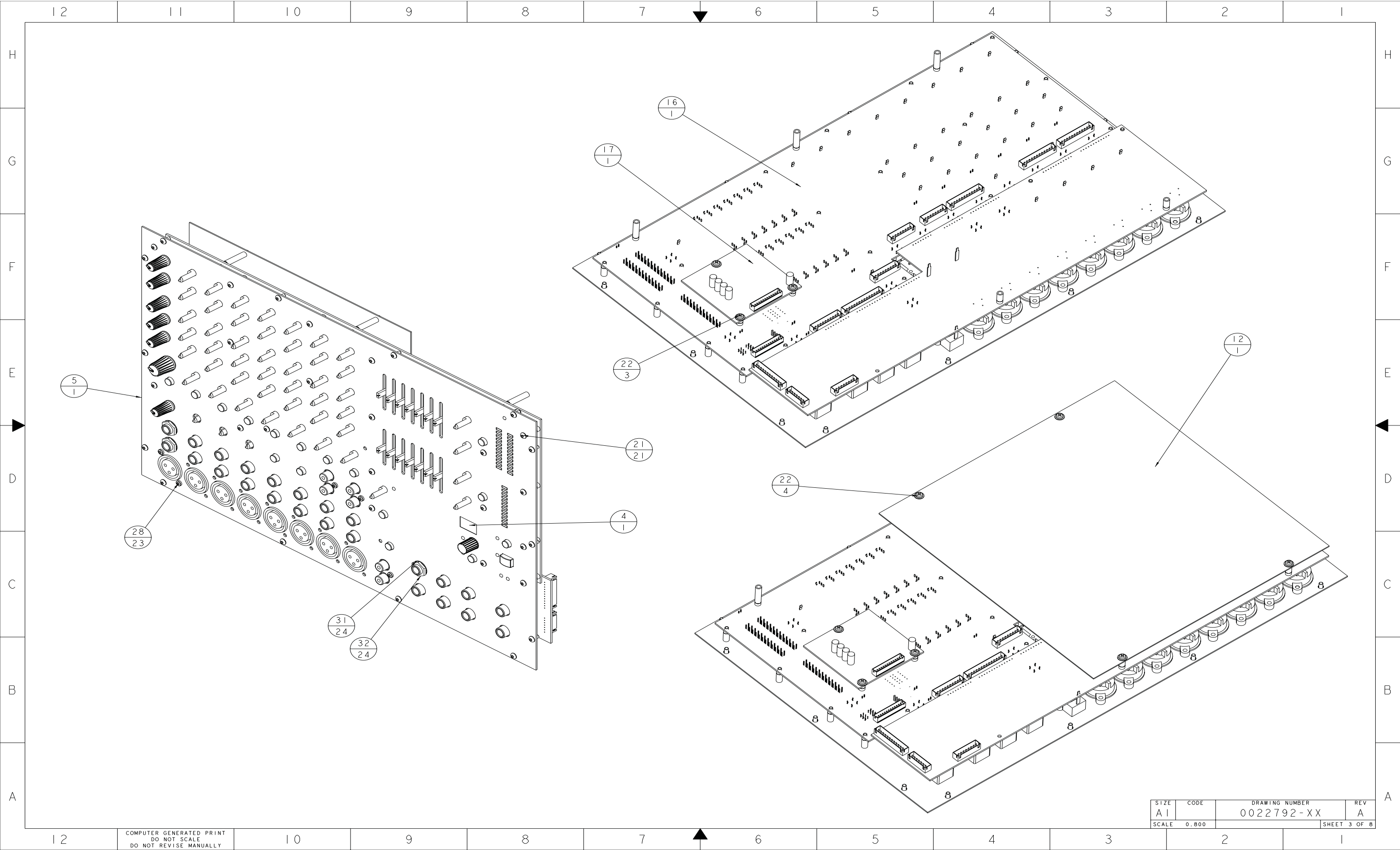
SCHEMATIC, POWERED MIXER PS
AUX SUPPLY

SIZE D	SCALE: NONE	DWG. NO. 0027030-XX	REV. B00
DWG FILE:		SHEET 2 OF 2	





SIZE	CODE	DRAWING NUMBER	REV
A1		0022792-XX	A
SCALE 0.900		SHEET 2 OF 8	



SIZE	CODE	DRAWING NUMBER	REV
A1		0022792-XX	A
SCALE	0.800	SHEET 3 OF 8	

COMPUTER GENERATED PRINT
DO NOT SCALE
DO NOT REVISE MANUALLY

12

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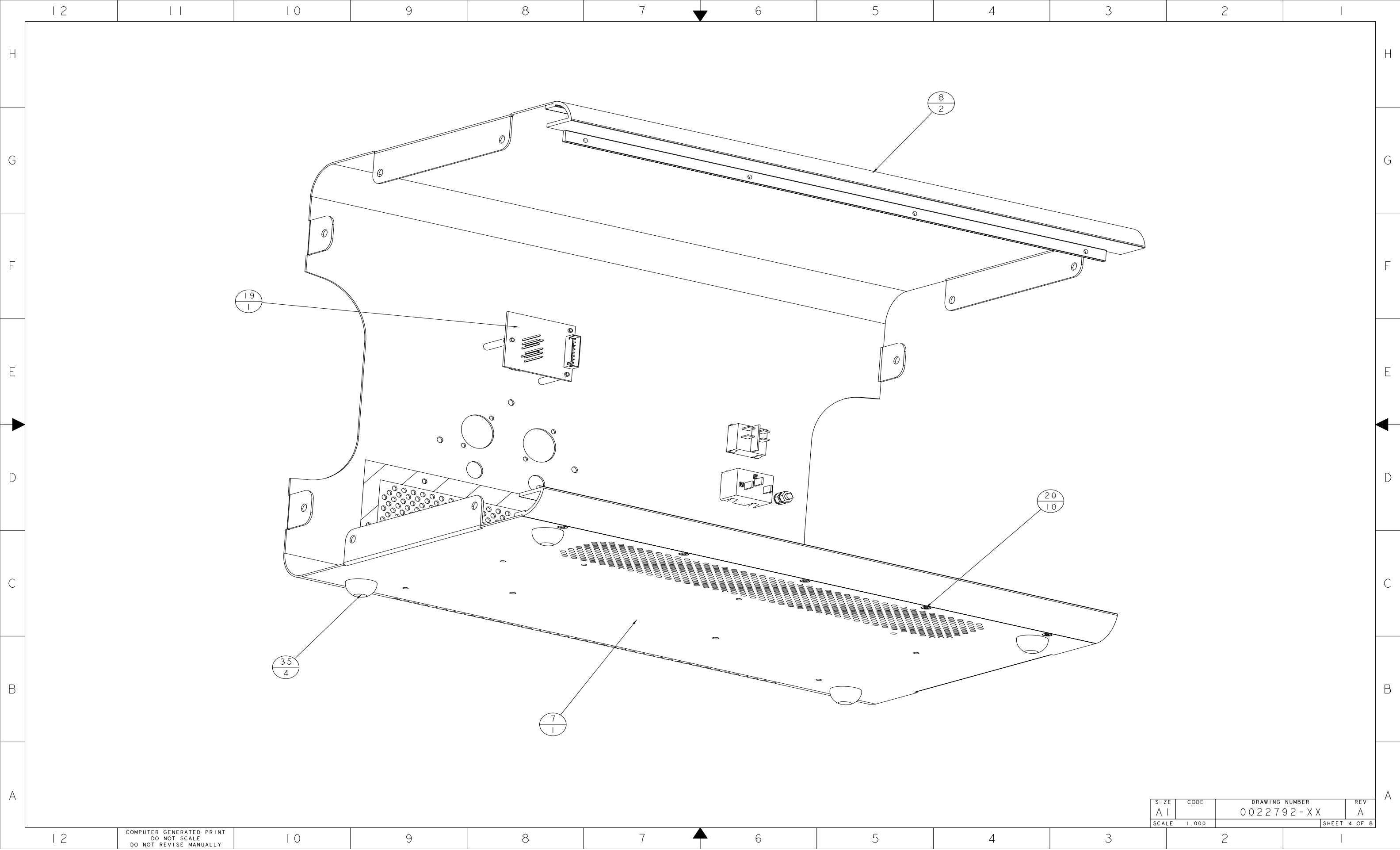
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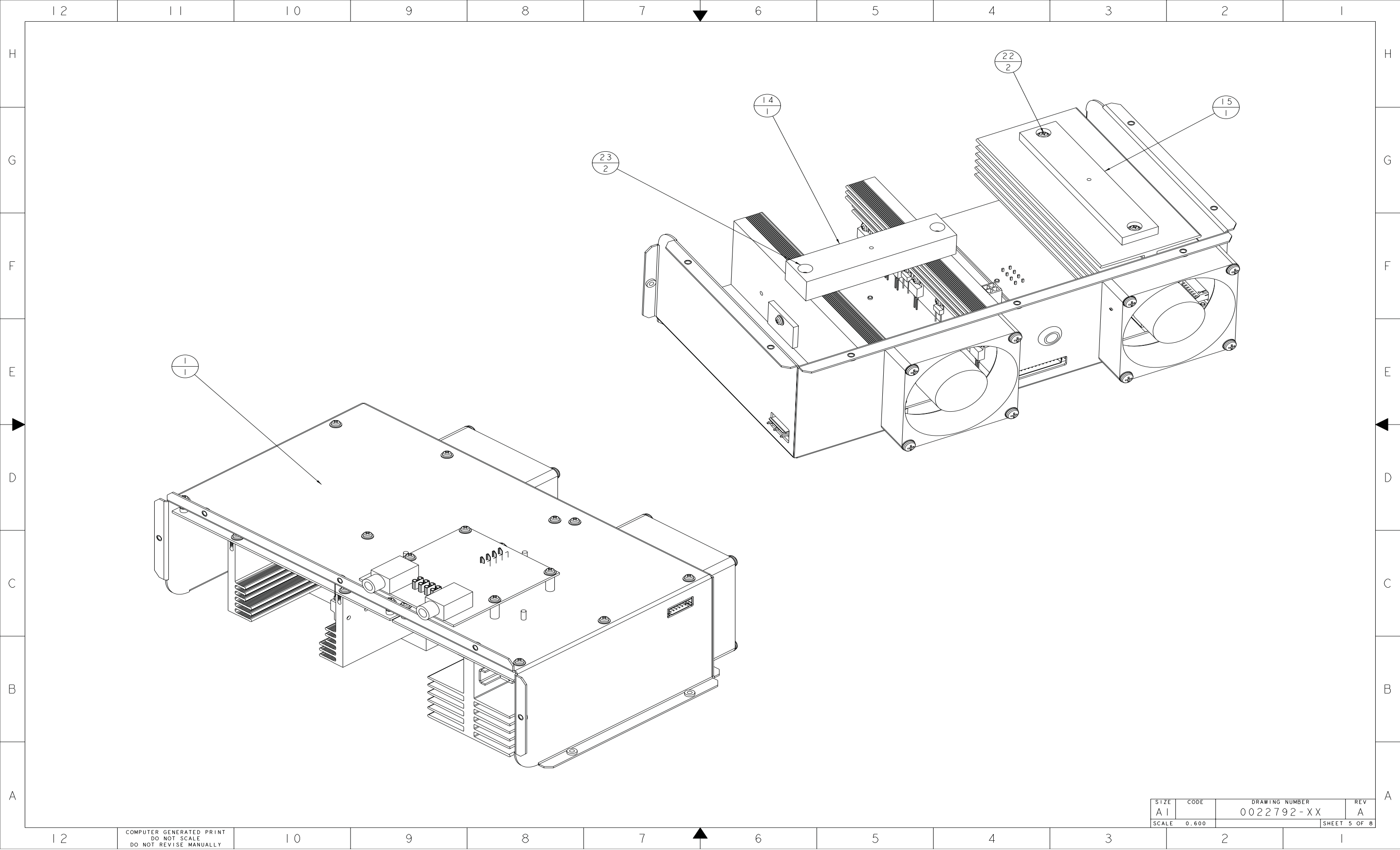
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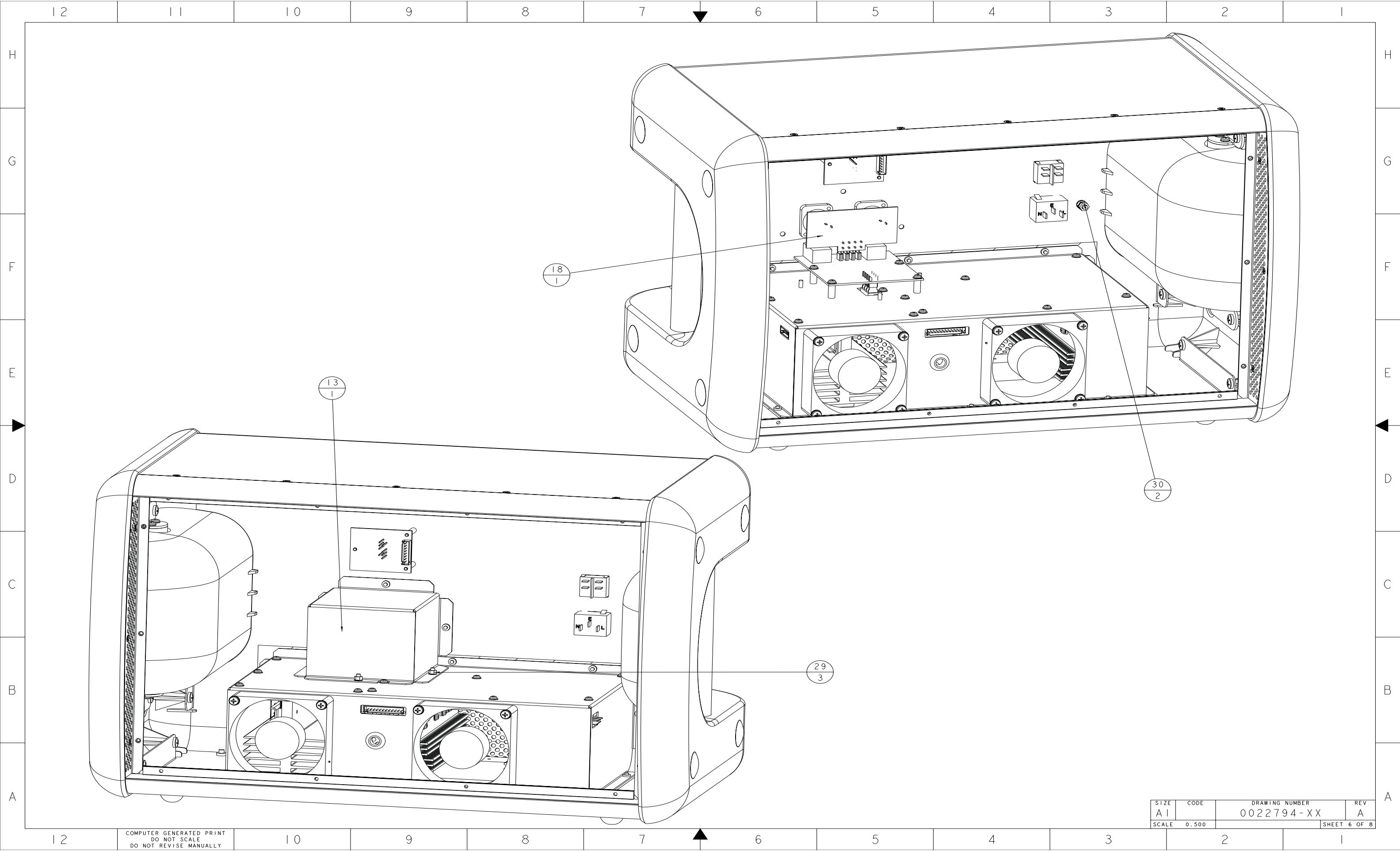
2

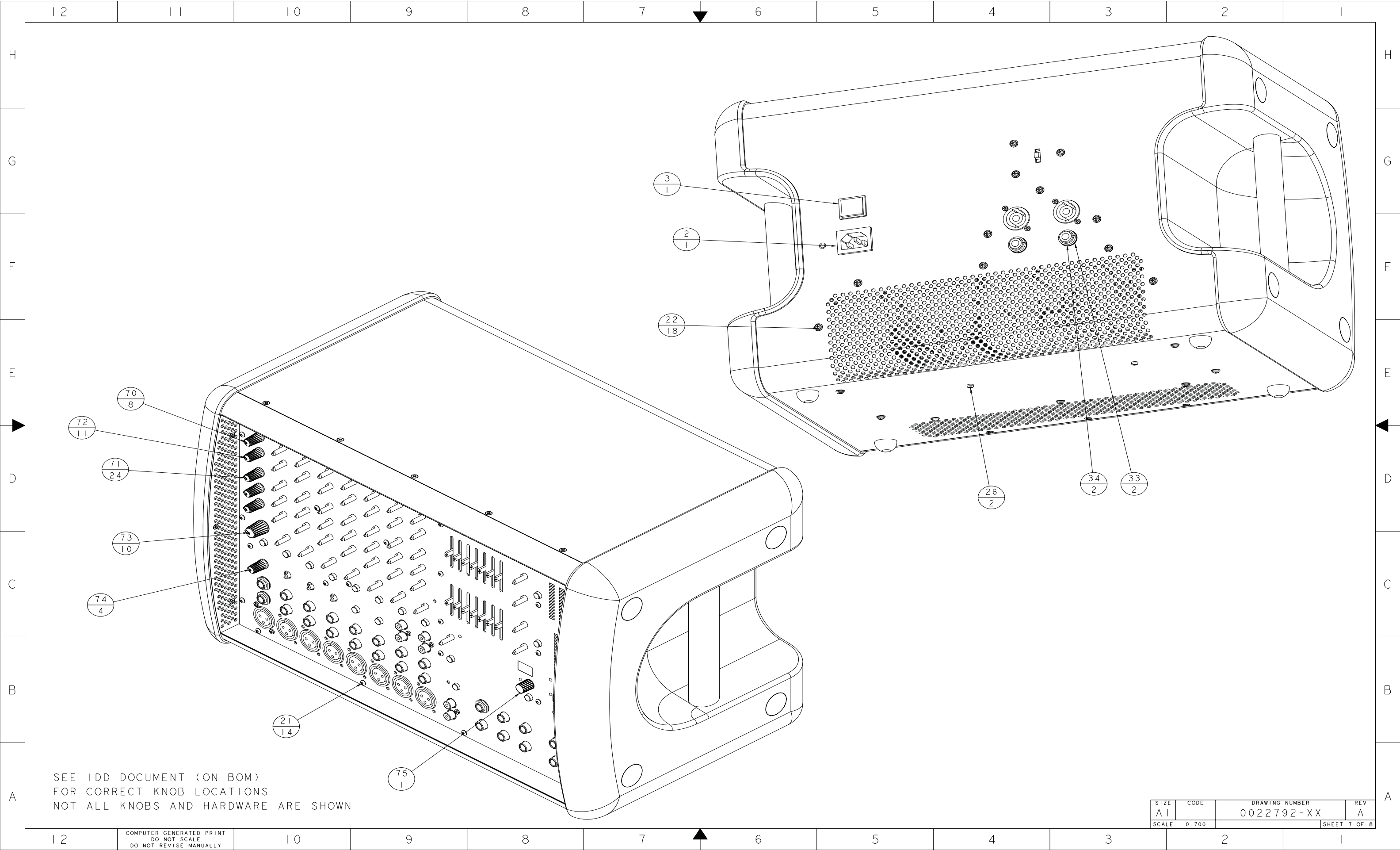
1



SIZE	CODE	DRAWING NUMBER	REV
A1		0022792-XX	A
SCALE 1:000		SHEET 4 OF 8	







SEE IDD DOCUMENT (ON BOM)
FOR CORRECT KNOB LOCATIONS
NOT ALL KNOBS AND HARDWARE ARE SHOWN

SIZE	CODE	DRAWING NUMBER	REV
A1		0022792-XX	A
SCALE 0.700		SHEET 7 OF 8	

