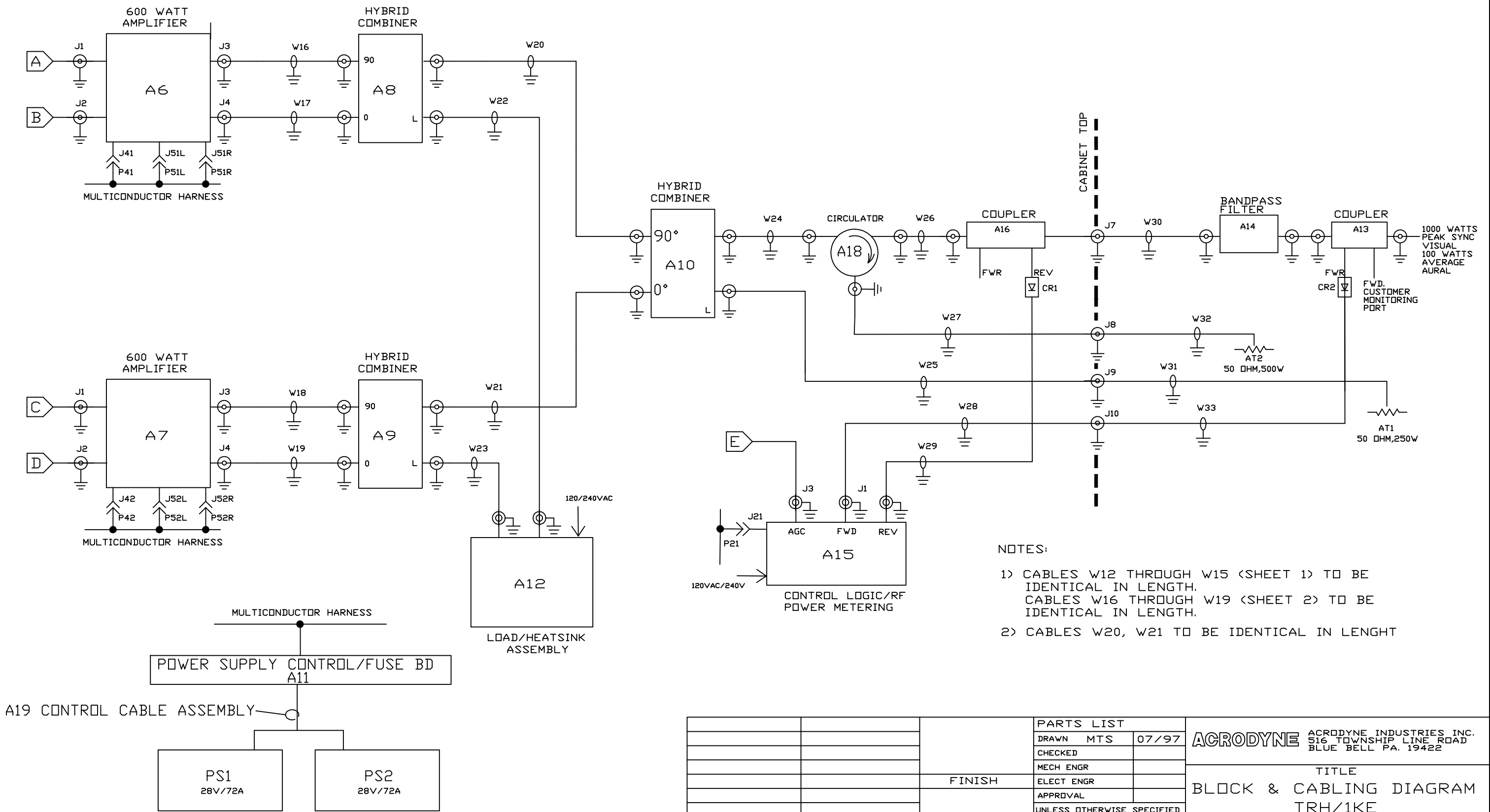
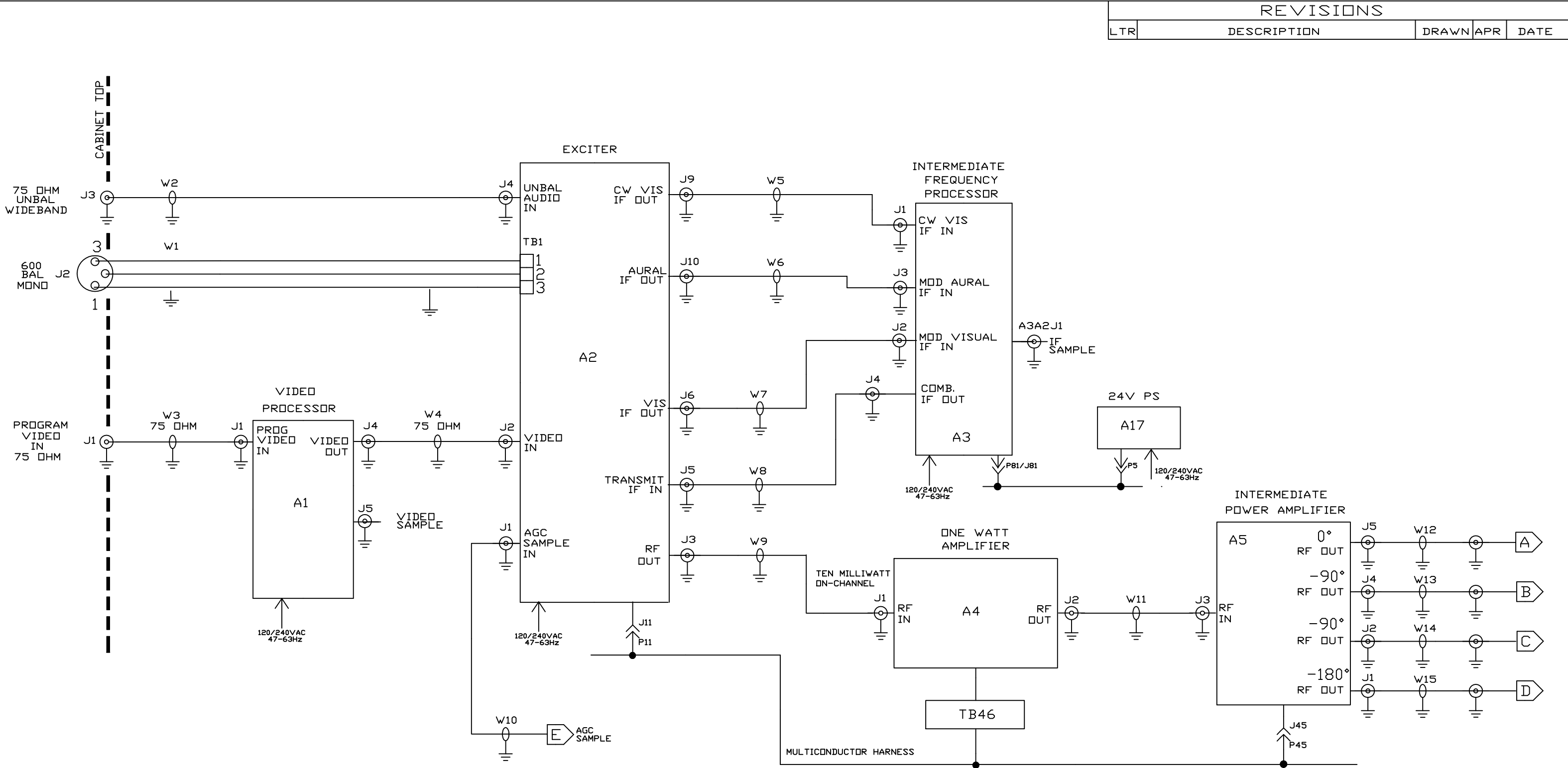


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE



- NOTES:
- 1) CABLES W12 THROUGH W15 (SHEET 1) TO BE IDENTICAL IN LENGTH.
CABLES W16 THROUGH W19 (SHEET 2) TO BE IDENTICAL IN LENGTH.
 - 2) CABLES W20, W21 TO BE IDENTICAL IN LENGTH

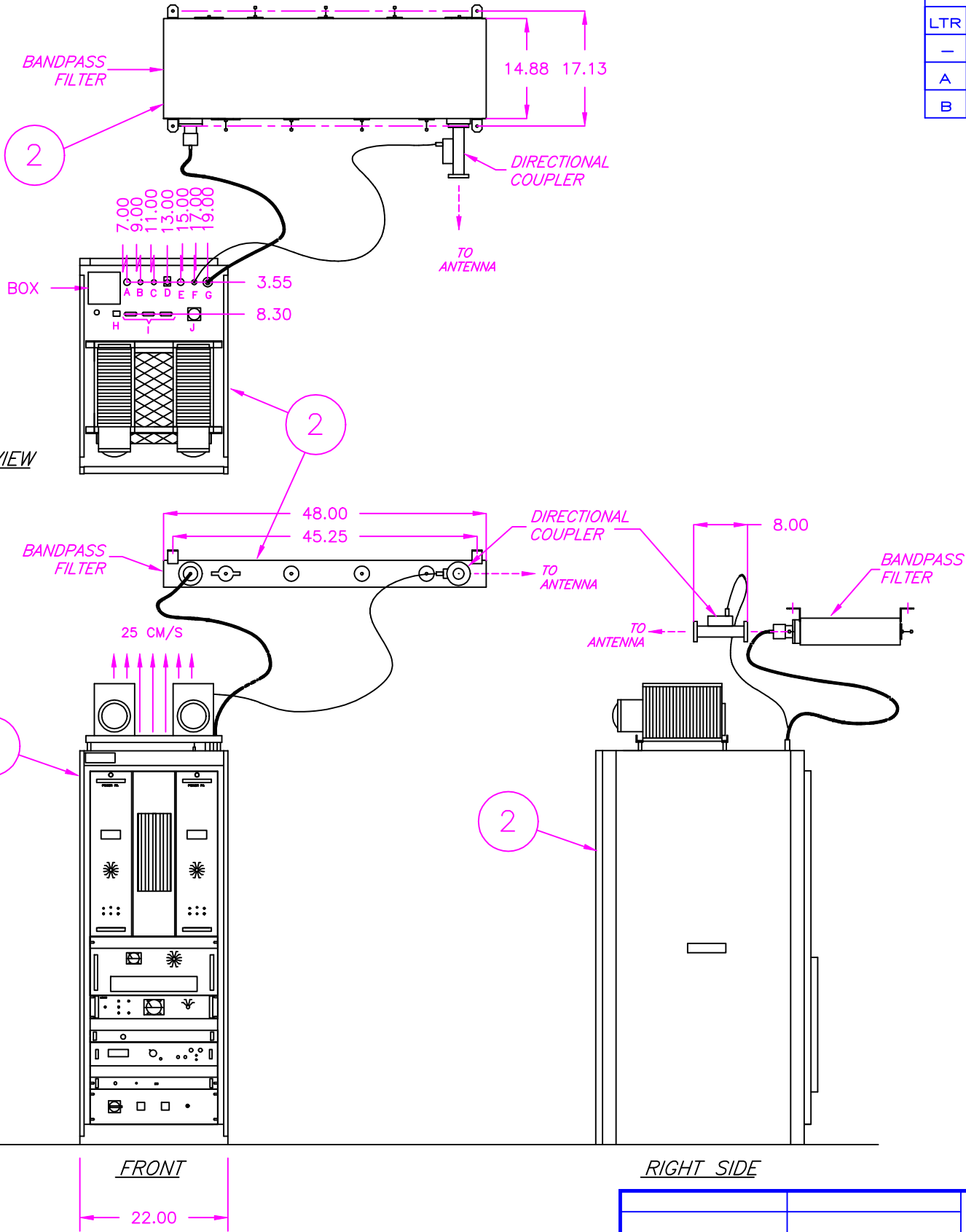
		PARTS LIST			
		DRAWN	MTS	07/97	ACRODYNE
		CHECKED			ACRODYNE INDUSTRIES INC.
		MECH ENGR			516 TOWNSHIP LINE ROAD
		ELECT ENGR			BLUE BELL PA. 19422
		APPROVAL			TITLE
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			BLOCK & CABLING DIAGRAM
		DECIMALS	ANGLES		TRH/1KE
22111237	TRH/1KE	.XX +/- .01			SIZE
NEXT ASSY	USED ON	.XXX +/- .005	+/- 1/2		CODE ID
APPLICATION		DO NOT SCALE DRAWING			DRAWING NO.
MATERIAL					REV
					SCALE
					SHEET 2 OF 2



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MTS					07/97
			CHECKED						
			MECH ENGR			TITLE BLOCK & CABLING DIAGRAM TRH/1KE			
	FINISH		ELECT ENGR						
		APPROVAL							
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES							
		DECIMALS							

A	AT1, REJECT LOAD (W31)
B	PROGRAM VIDEO IN
C	UNBALANCED AUDIO IN
D	BALANCED AUDIO IN
E	AT2, REJECT LOAD (W32)
F	FORWARD COPULER PORT
G	RF OUTPUT, TYPE 'N'
H	TB1303
I	J4-J6, REMOTE SYSTEM
J	INTERCONNECTIONS
	J1302



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITIAL RELEASE TO CUSTOMER - 3/23/99	hcc	MB	3/23/99
A	ELECTRICAL CHAR MODIFIED PER CUSTOMER - 3/31/99	hcc	MB	3/31/99
B	MODIFIED TO REFLECT 'AS BUILT' - 5/18/99	hcc		

APPLICATION NOTES...

1. TRANSMITTER SHOULD BE INSTALLED IN A CLEAN, WEATHER-PROOF BUILDING WITH ENVIRONMENTAL CONTROL.
2. ROOM AMBIENT TEMPERATURE EXTREMES 0 TO 40 DEGREES CELSIUS; RECOMMENDED AMBIENT TEMPERATURE FOR OPTIMAL PERFORMANCE & RELIABILITY IS 25 DEGREES CELSIUS (77 DEGREES F.).
3. MAXIMUM ALTITUDE: 7500 FT. ABOVE SEA LEVEL: HIGH ALTITUDE MODIFICATIONS ARE AVAILABLE.
4. RELATIVE HUMIDITY: 0-95% WITHOUT CONDENSATION.
5. ANY ROOM DUCTS & OPENINGS SHOULD BE SIZED TO KEEP AIR VELOCITY AT-OR-BELOW 300ft/MIN TO KEEP THE INLET & OUTLET SCREEN & DUCT LOSSES TO A MINIMUM. AIR ENTERING THE ROOM SHOULD BE CLEAN & DRY.

TRANSMITTER DATA..

POWER REQUIREMENTS:
 208/120 VAC, 1 PHASE, 3 WIRE.
 3.7KVA CONSUMPTION @ GREY PICTURE,
 10% AURAL.
 30 AMP SERVICE RECOMMENDED.

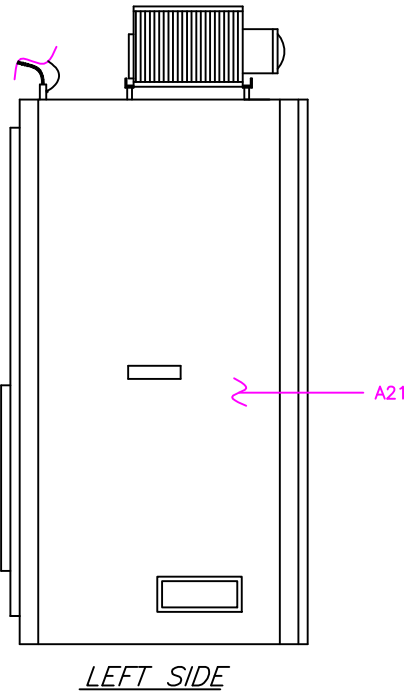
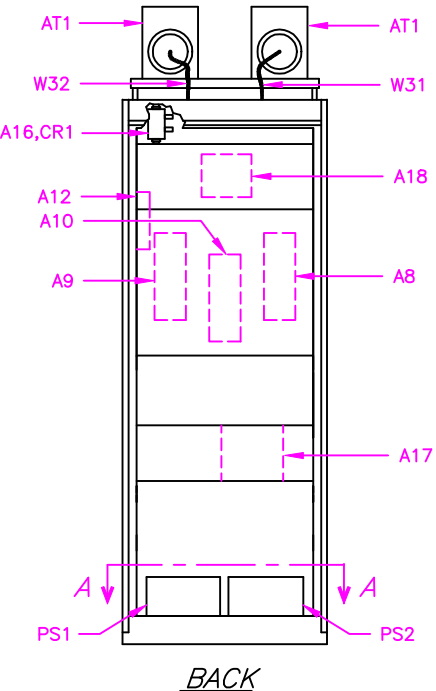
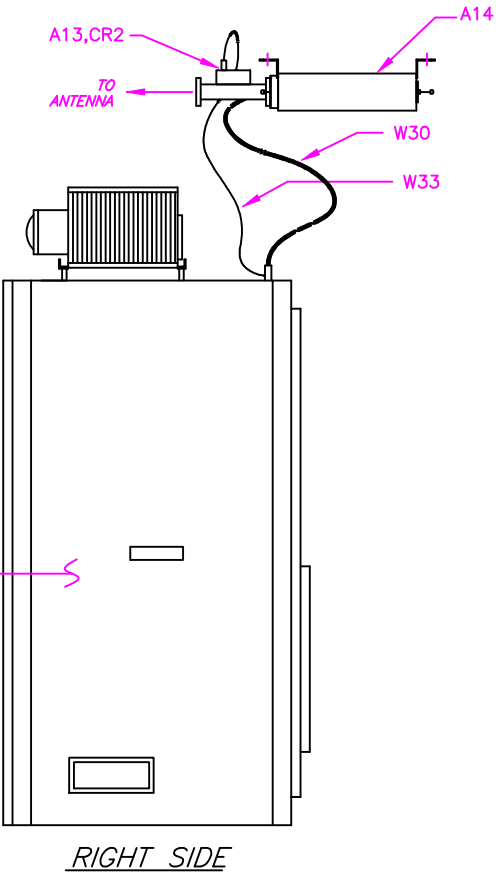
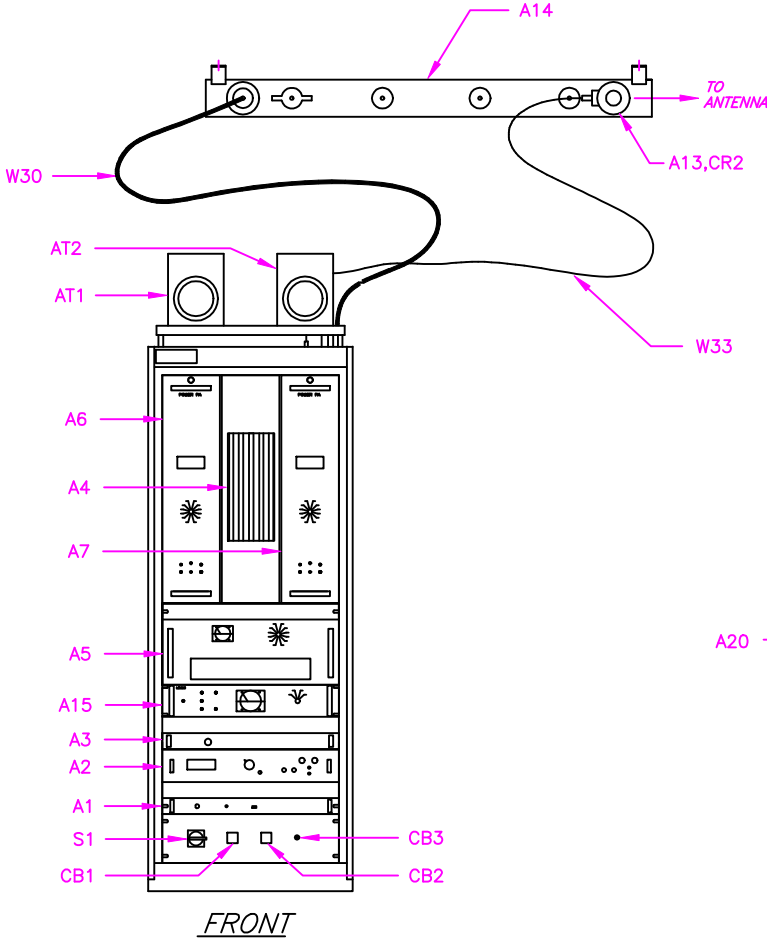
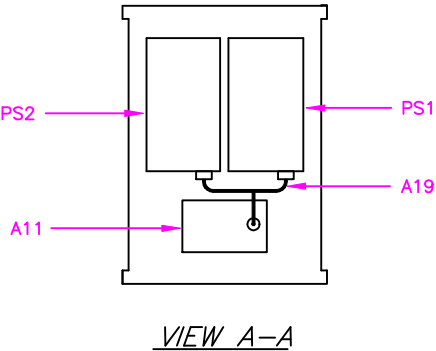
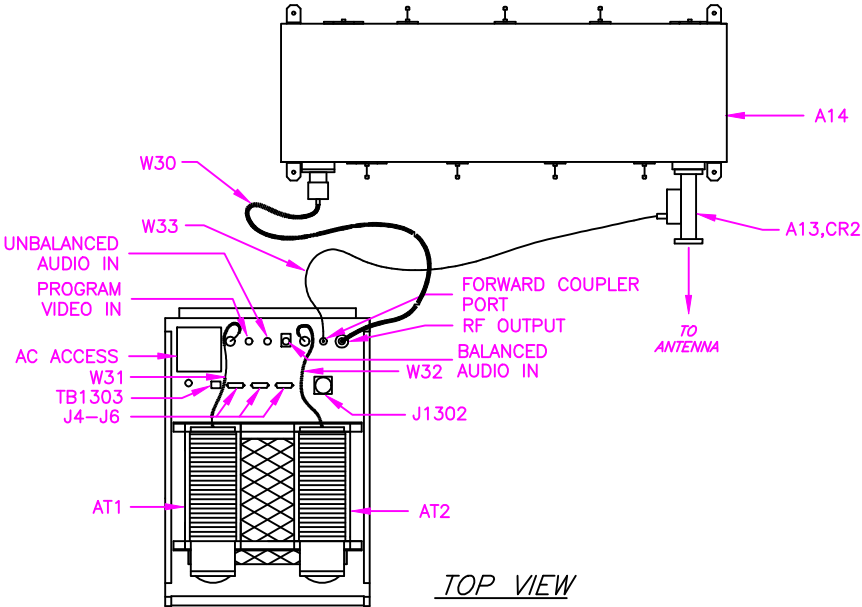
HEAT REJECTED/ROOM LOAD:
 11K BTU/HR TYPICAL.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

99091, TTI, INC., CH 7

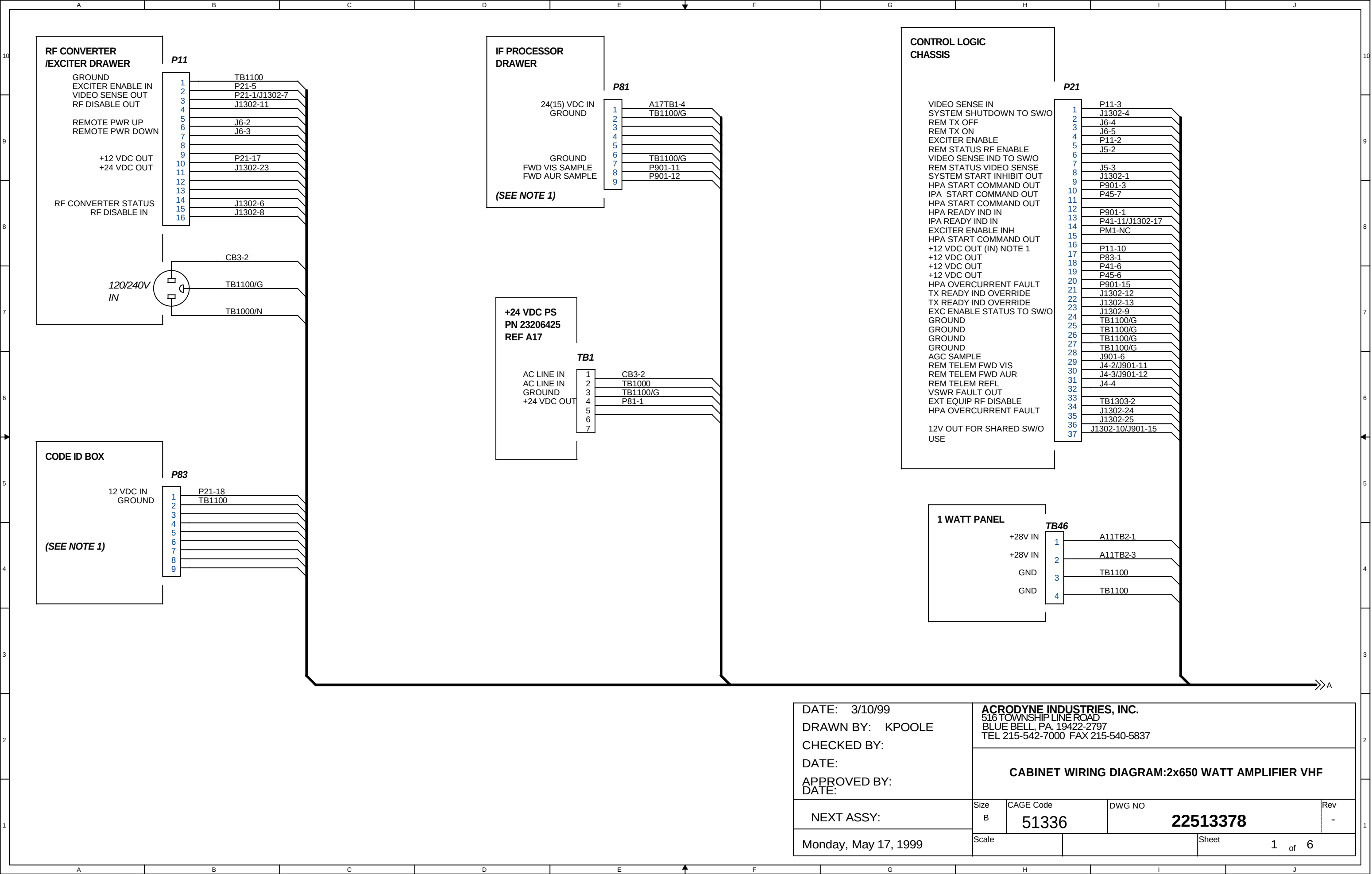
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	hcc 3/17/99				
			CHECKED					
			MECH ENGR					
		FINISH	ELECT ENGR MB	3/99	TITLE APPLICATION ILLUSTRATION, TRH/1KE			
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS	ANGLES				
			.XX +/- .01					
			.XXX +/- .005	+/- 1/2	SIZE	CODE ID	DRAWING NO.	REV
NEXT ASSY	USED ON				B	51336	22613202	B
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE: N/A			SHEET 1 OF 1

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 VERSION - 5/99	SMJ	MB	5/99
B	ADDED -503, MODIFIED TO REFLECT 'AS BUILT'-5/19/99	hcc		

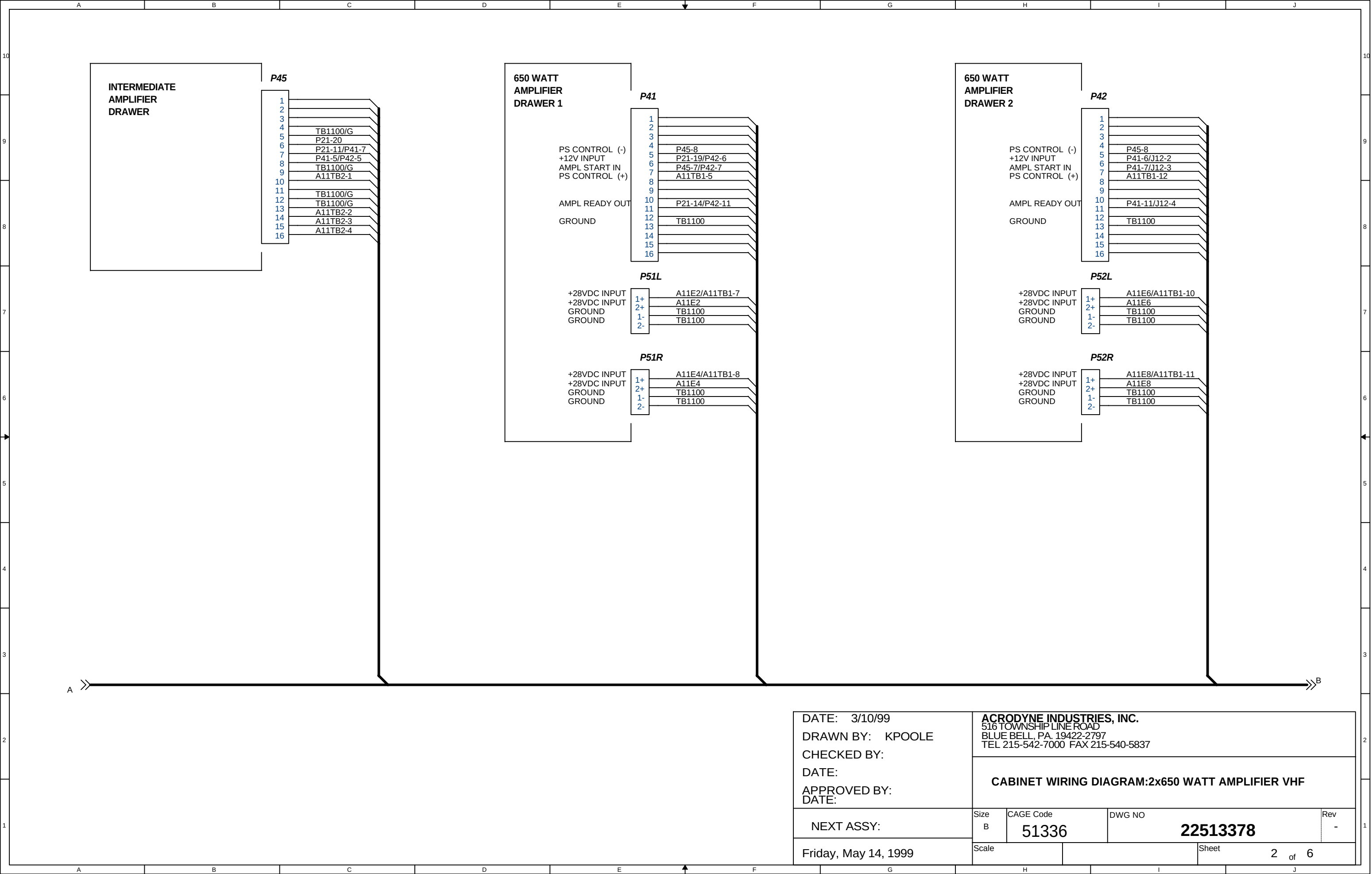


-502

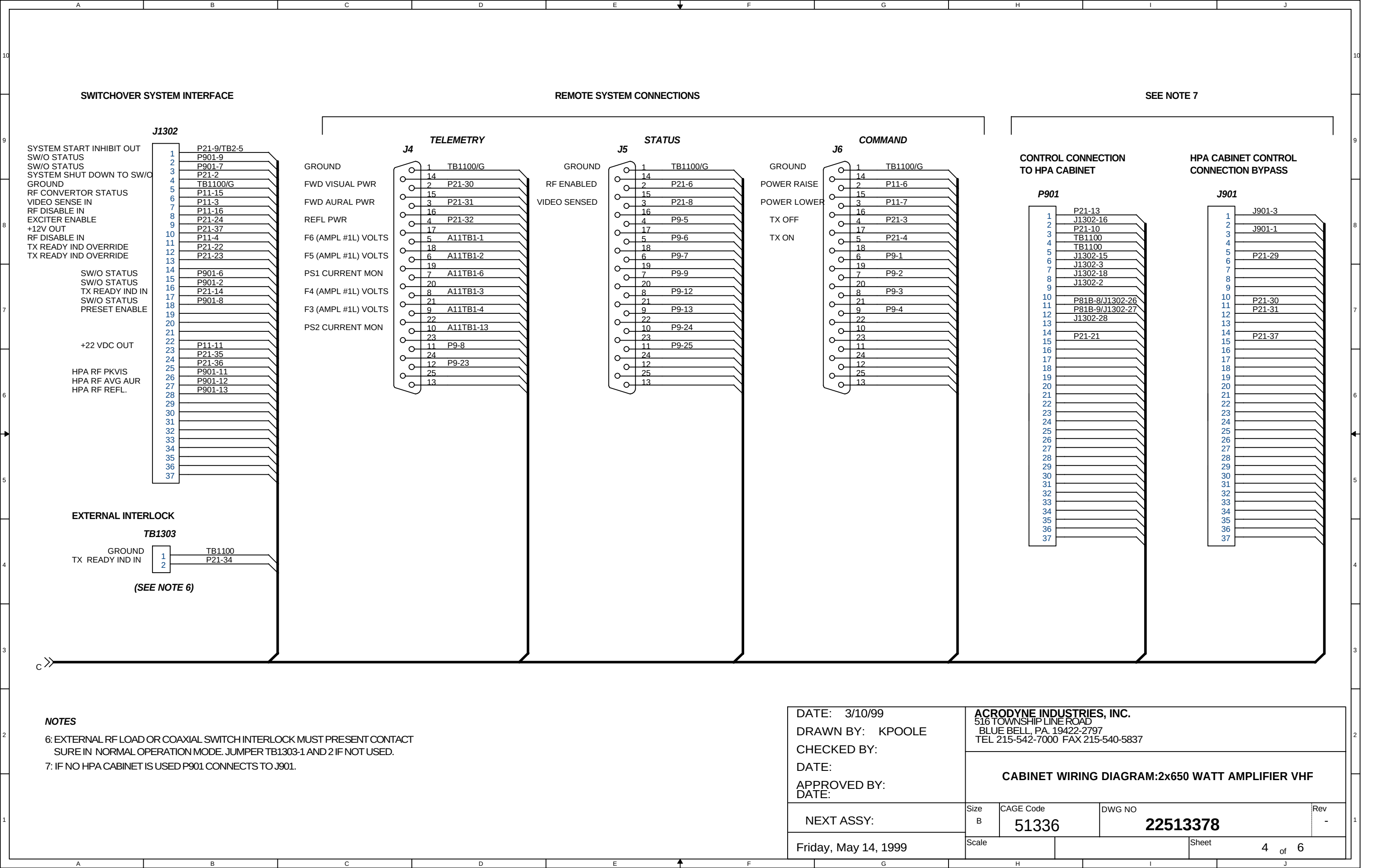
		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	MTS 7/97		
		CHECKED		TITLE CABINET ASSEMBLY, TRH/1KE	
		MECH ENGR			
		ELECT ENGR	MB 7/97		
		APPROVAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES	
		DECIMALS	ANGLES	SIZE	CODE ID
		.XX +/- .01		B	51336
		.XXX +/- .005	+/- 1/2	DRAWING NO.	REV
NEXT ASSY	USED ON			22111237	B
APPLICATION	MATERIAL			SCALE: N/A	SHEET 2 OF 2



DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
NEXT ASSY:	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
Monday, May 17, 1999	Scale		Sheet 1 of 6	



DATE: 3/10/99 DRAWN BY: KPOOLE CHECKED BY: DATE: APPROVED BY: DATE:	ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837			
	CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF			
	Size B	CAGE Code 51336	DWG NO 22513378	Rev -
NEXT ASSY: Friday, May 14, 1999	Scale			Sheet 2 of 6

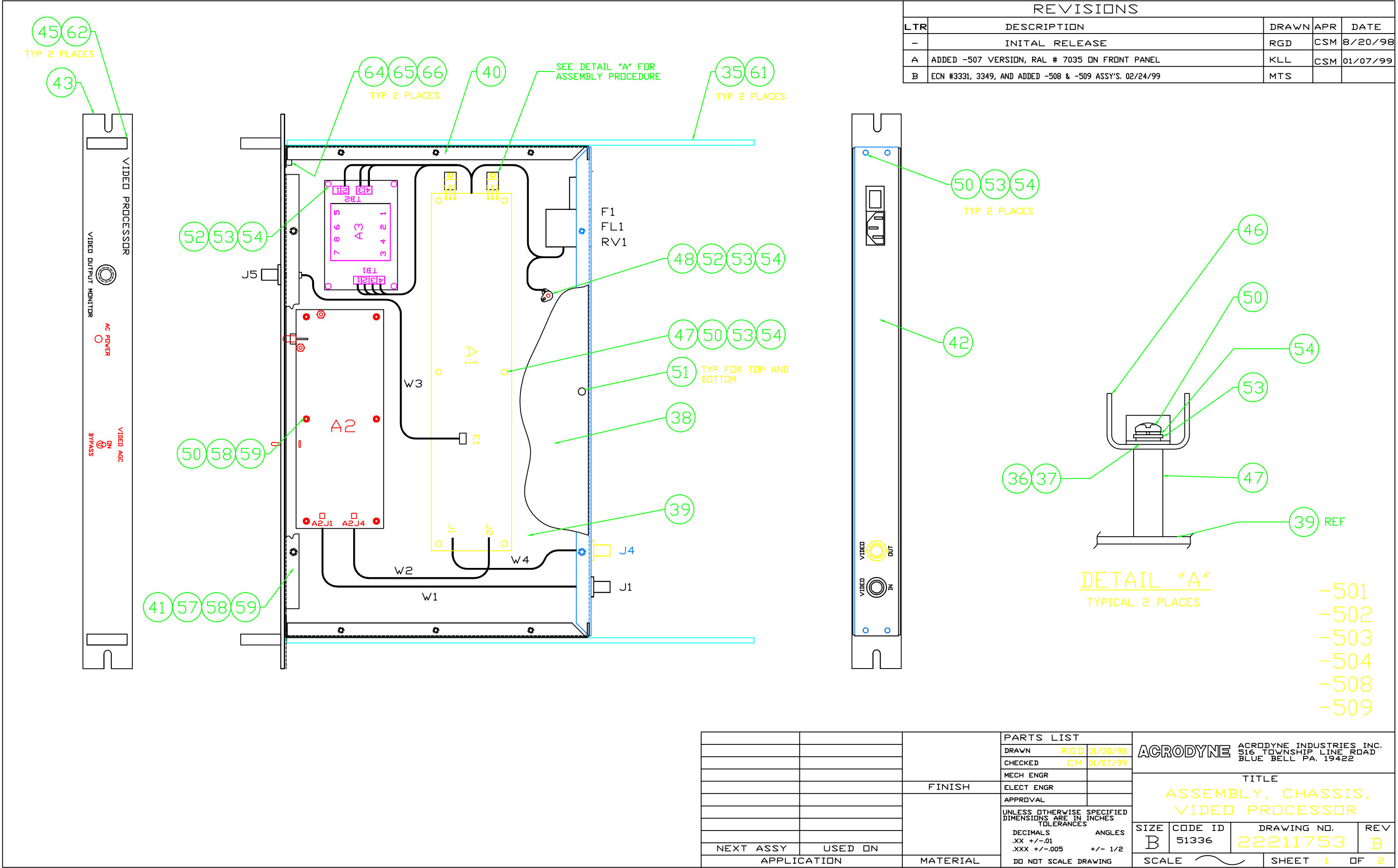




Friday, May 14, 1999

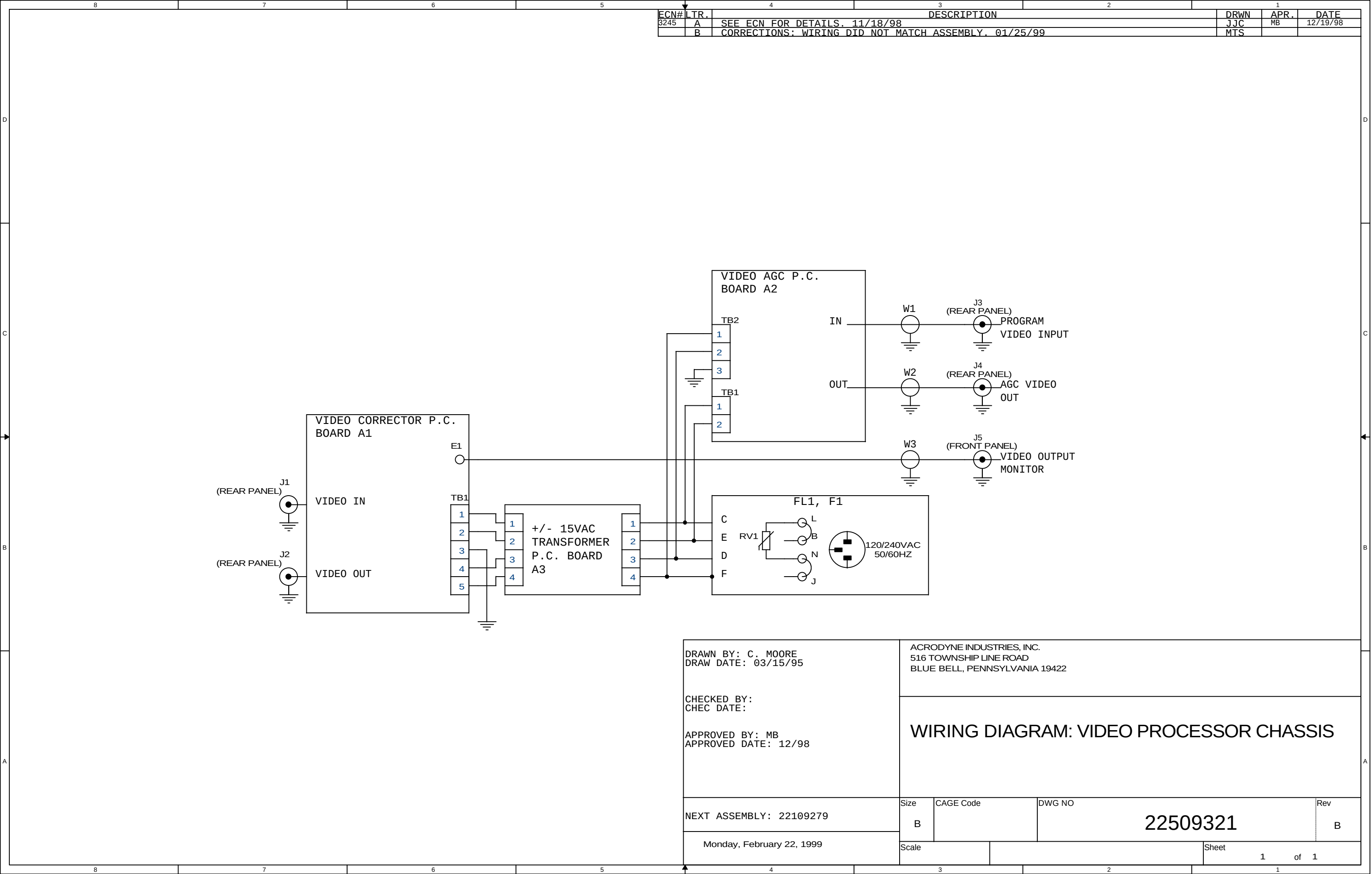
CABINET WIRING DIAGRAM:2x650 WATT AMPLIFIER VHF

Size B	CAGE Code 51336	DWG NO 22513378	Rev -
Scale		Sheet	6 of 6

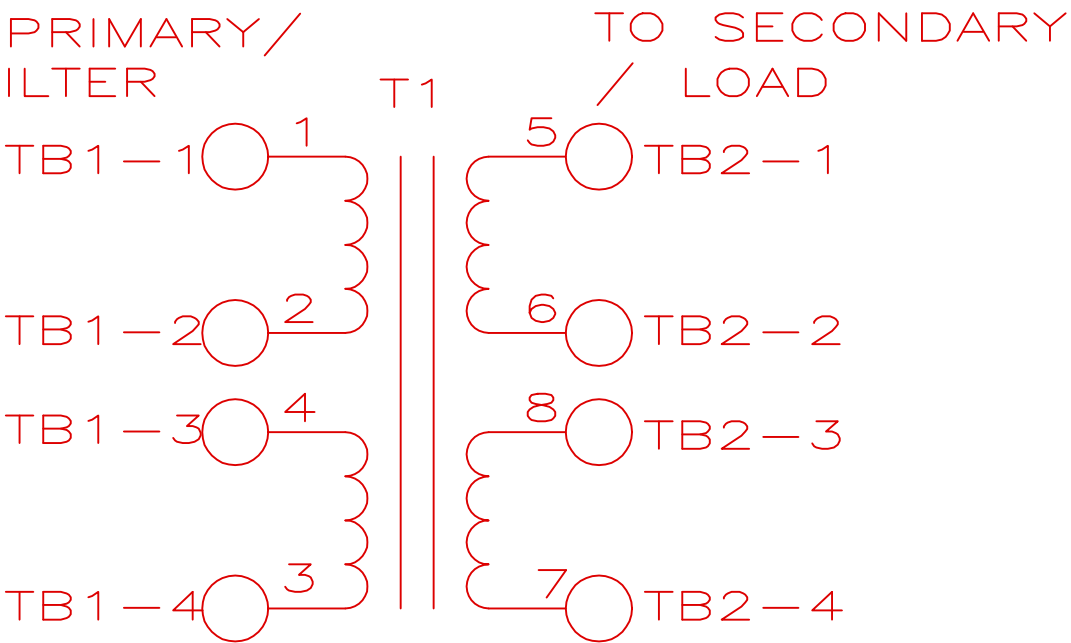
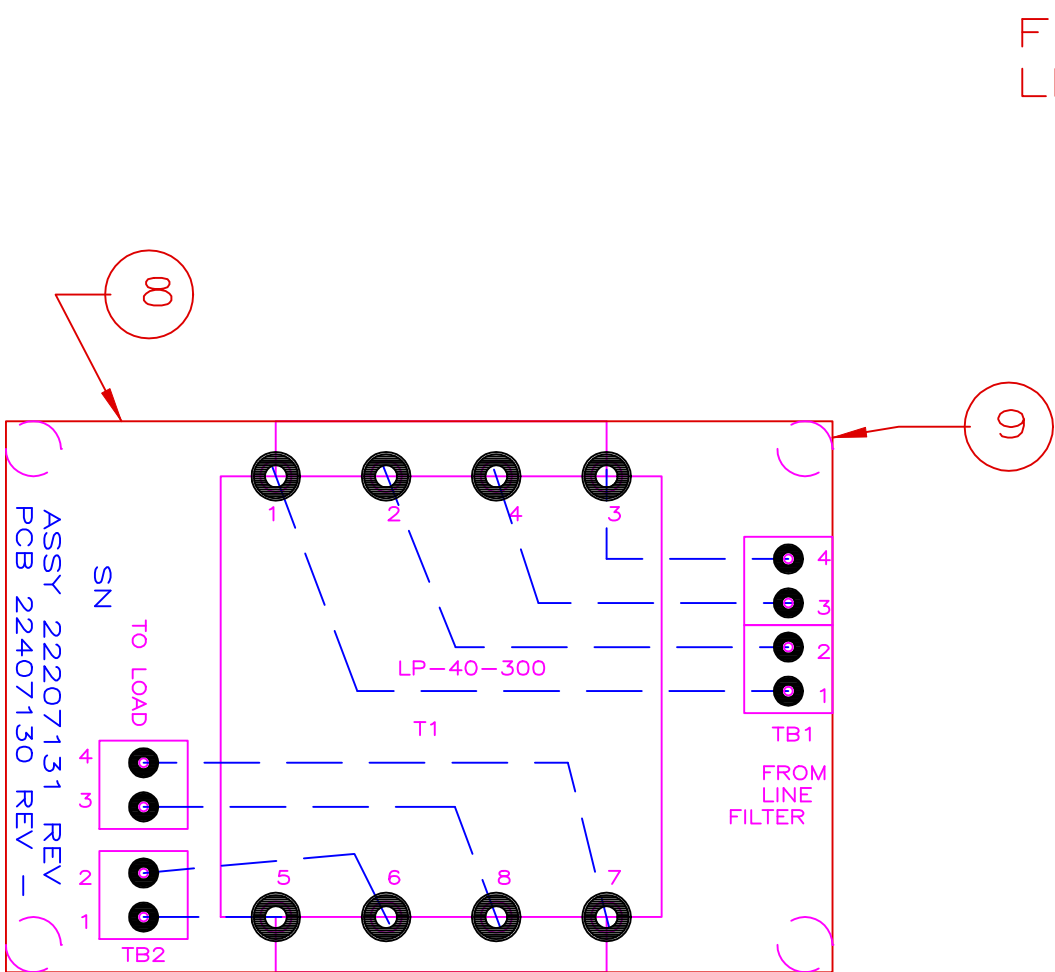


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITAL RELEASE	RGD	CSM	8/20/98
A	ADDED -507 VERSION, RAL # 7035 ON FRONT PANEL	KLL	CSM	01/07/99
B	ECN #3331, 3349, AND ADDED -508 & -509 ASSY'S. 02/24/99	MTS		

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	RGD 01/30/98				
			CHECKED	CM 01/07/99				
			MECH ENGR					
		FINISH	ELECT ENGR		TITLE ASSEMBLY, CHASSIS, VIDEO PROCESSOR			
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS .XX +/- .01	ANGLES +/- 1/2				
NEXT ASSY	USED ON		.XXX +/- .005					
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SIZE B	CODE ID 51336	DRAWING NO. 22211753	REV B
					SCALE 		SHEET 1 OF 2	



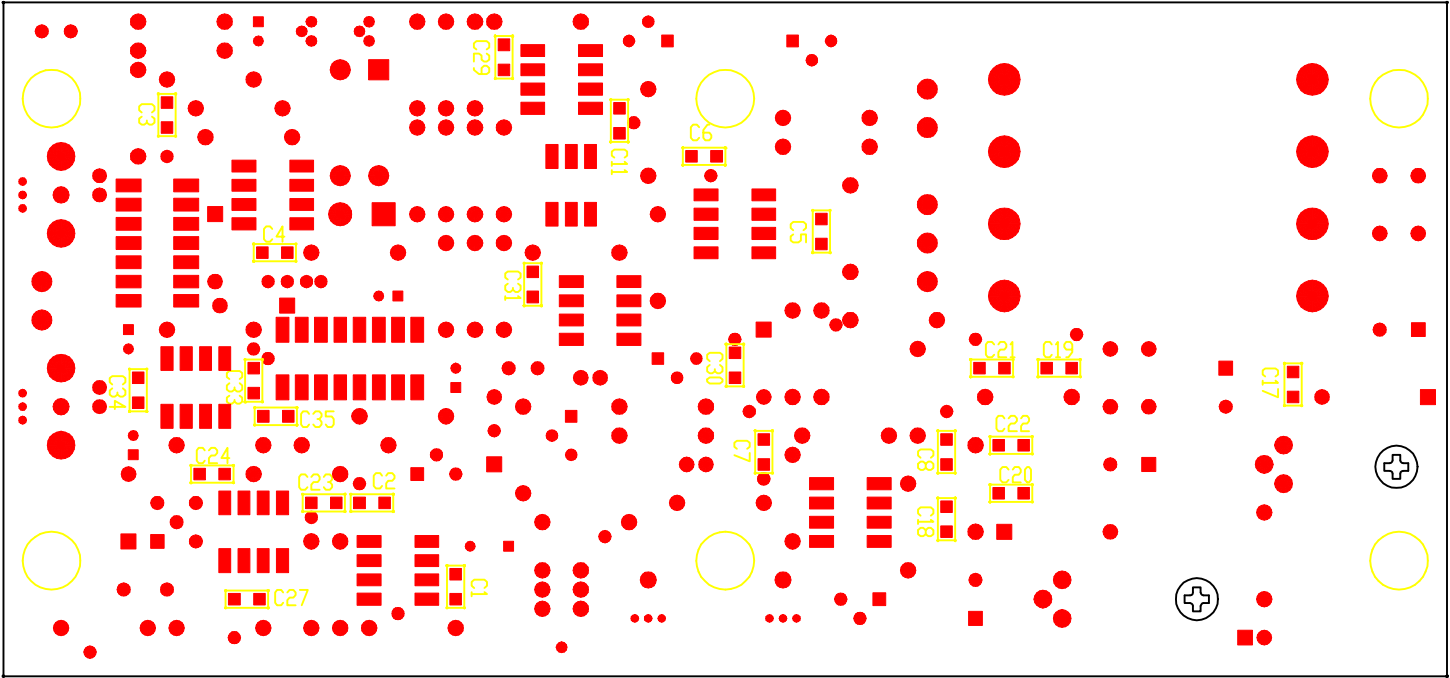
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	UPDATE DRAWING TO ACAD - 1/18/99	hcc	MB	1/99



SCHEMATIC

ALL TRACES ARE ON SOLDER SIDE

		SEE NOTES	PARTS LIST		ACRODYNE INDUSTRIES ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	CSM 04/10/92				
			CHECKED	MB 4/27/92				
			MECH ENGR					
		FINISH	ELECT ENGR		TITLE ASSEMBLY TRANSFORMER PC BOARD			
		SEE NOTES	APPROVAL	TH 5/5/92				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE	CODE ID	DRAWING NO.	REV
24207144	TRU/30KV		DECIMALS	ANGLES	B	51336	22207131	A
NEXT ASSY	USED ON		.XX +/- .015	+/- 1/2				
			.XXX +/- .005					
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE	1/1	SHEET	1 OF 1



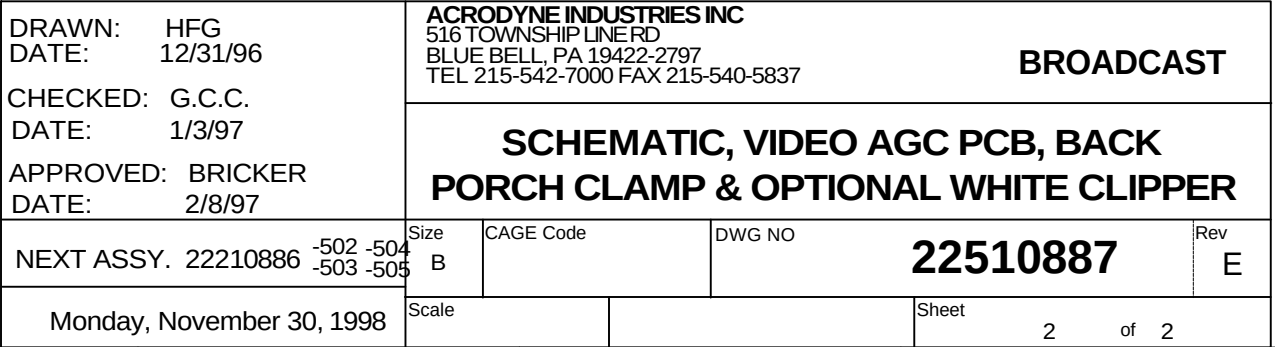
REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	ADD -502, J2 AND J3 WERE CONNECTORS	HFG 1/97	J.B.	1/97
B	SEE ECN # 2789	HFG 2/97	J.B.	3/97
C	SEE ECN # 2818	HFG 4/97	J.B.	4/97
D	SEE ECN # 2974	WB 10/97		
E	SEE ECN # 3059, 3063, 3074, 3099	WB 3/98	MB	
F	SEE ECN # 2974			
G	SEE ECN # 3245	mc-11/30/98		

NOTES:

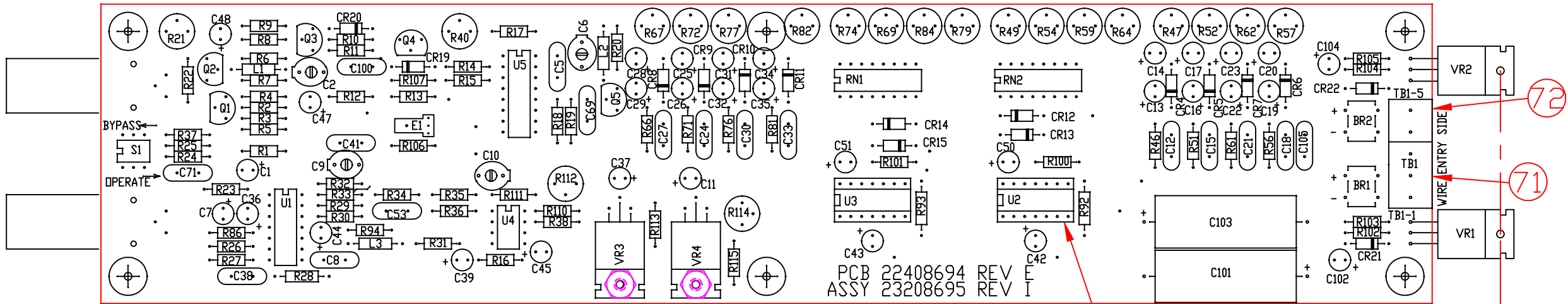
- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
- 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
- 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
- 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
- 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE SPECIFIED.
- 6. FOR SCHEMATIC DIAGRAM REFER TO 22510887.

BOTTOM ASSEMBLY
-501 THRU -505

		PARTS LIST			ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422			
		DRAWN	HFG	2/18/97	ACRODYNE TITLE PCB ASSEMBLY, VIDEO AGC WITH BACK PORCH CLAMP			
		CHECKED						
		MECH ENGR						
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY	USED ON	DECIMALS .XX +/- .015 ANGLES .XXX +/- .005 +/- 1/2 DO NOT SCALE DRAWING			B	51336	22210886	G
APPLICATION					SCALE	1:1	SHEET 4	OF 4

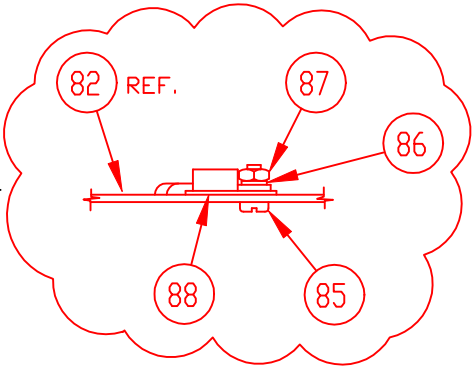


REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
I	SEE ECN #	MMC-10/98		
J	UPPED REV DUE TO ECN 3321	JJC-1/99		



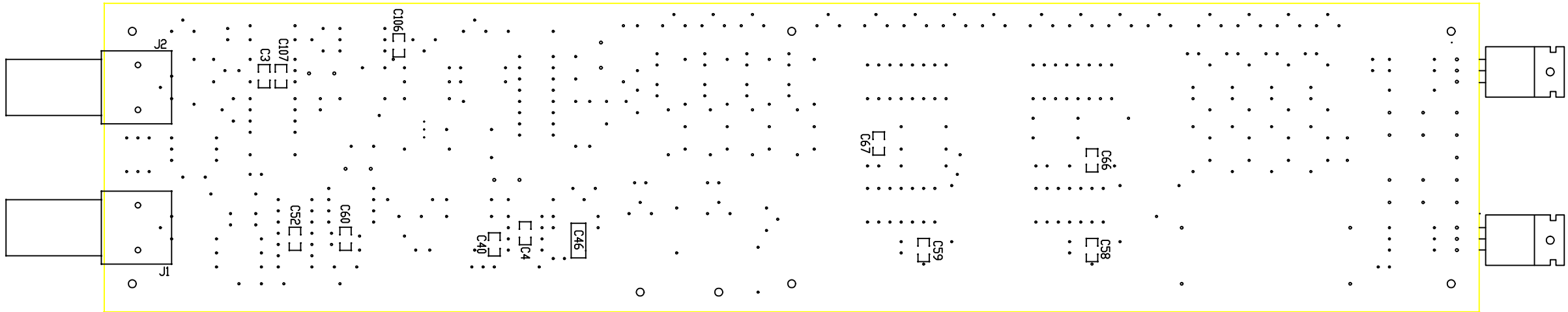
PCB 22408694 REV F
ASSY 23208695 REV I

VR3,VR4 ASS'Y DETAIL



COMPONENT SIDE SHOWN

0.625" REF
83;TYP U2,U3



NOTES:

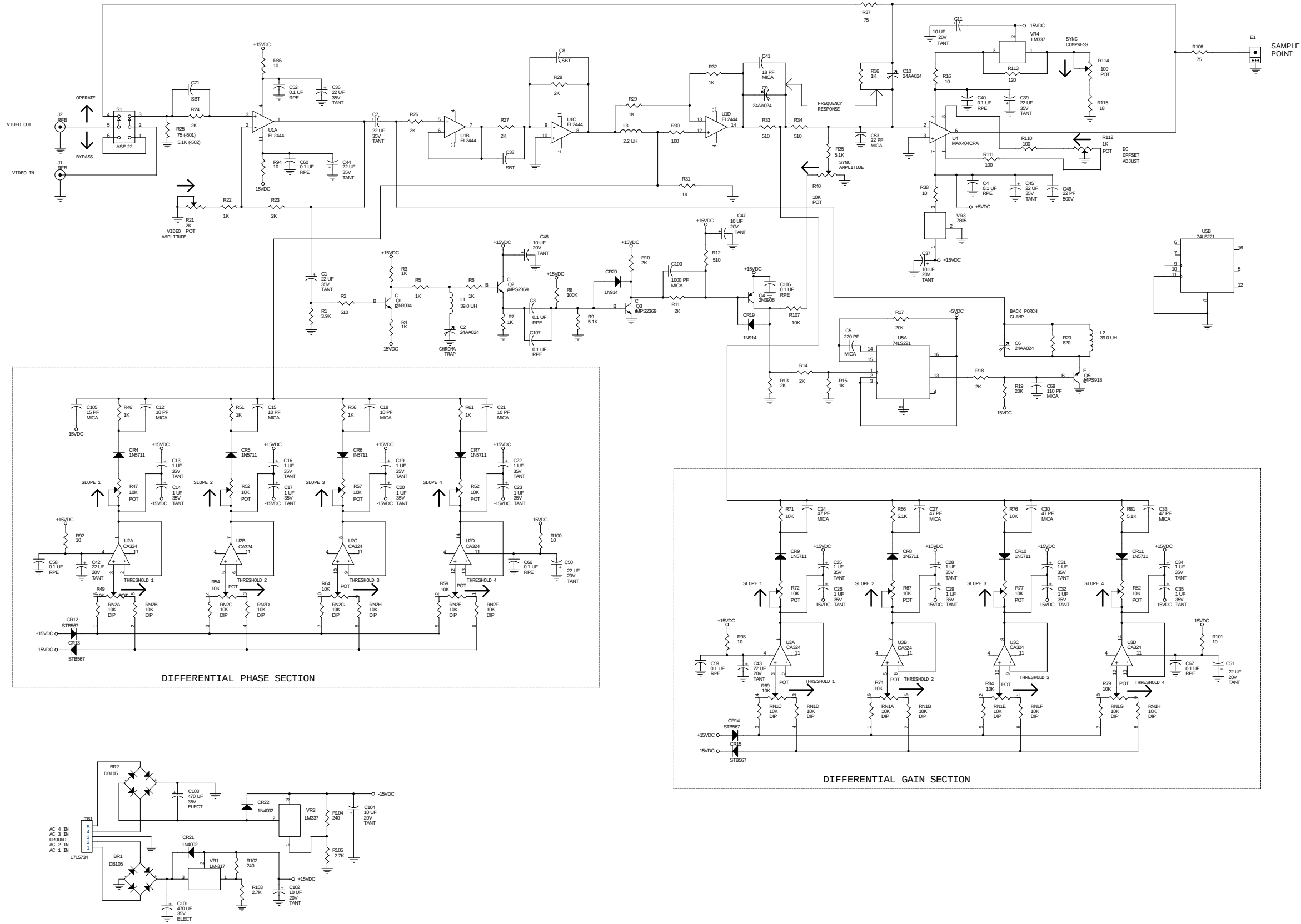
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE SPECIFIED.
6. FOR SCHEMATIC DIAGRAM REFER TO 24508696.

SOLDER SIDE SHOWN

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	C.A.T.					3/98
			CHECKED						
				MECH ENGR		TITLE ASSEMBLY, VIDEO CORRECTOR BOARD			
		FINISH		ELECT ENGR					
				APPROVAL		SIZECODE IDDRAWING NO.REV C5133623208695J			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS ANGLES .XX +/--.015 .XXX +/--.005 +/- 1/2						
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SCALE		SHEET 1 OF 1	
APPLICATION		MATERIAL							

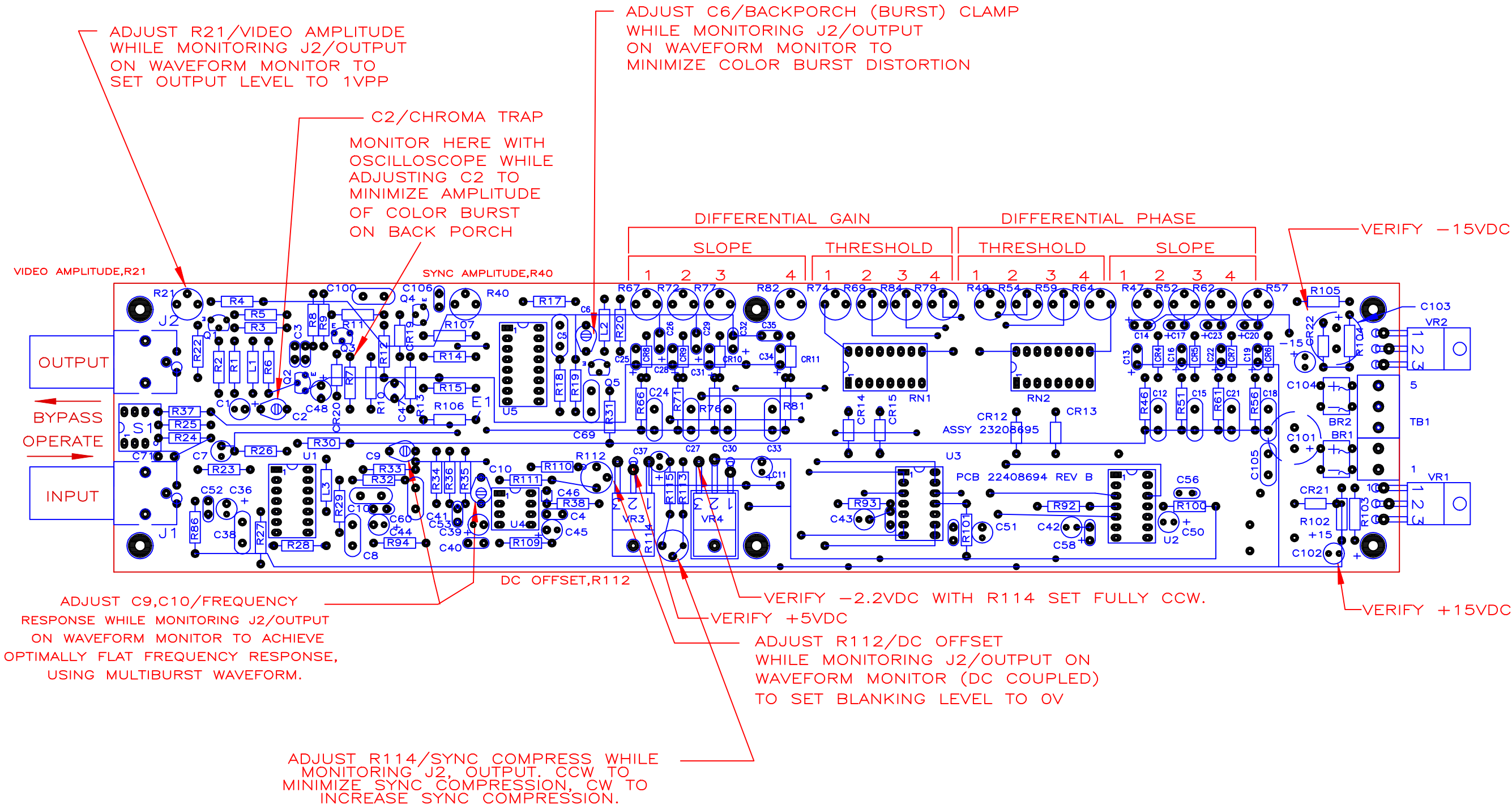
REVISIONS

A = ECN
2395
F = REVISED 2-10-98
G = ECN #



1. PRESET ALL DØ/DG CONTROL POTS 5 TURNS CCW
2. PRESET SYNC AMPLITUDE POT 5 TURNS CCW
3. PRESET S1 TO OPERATE POSITION

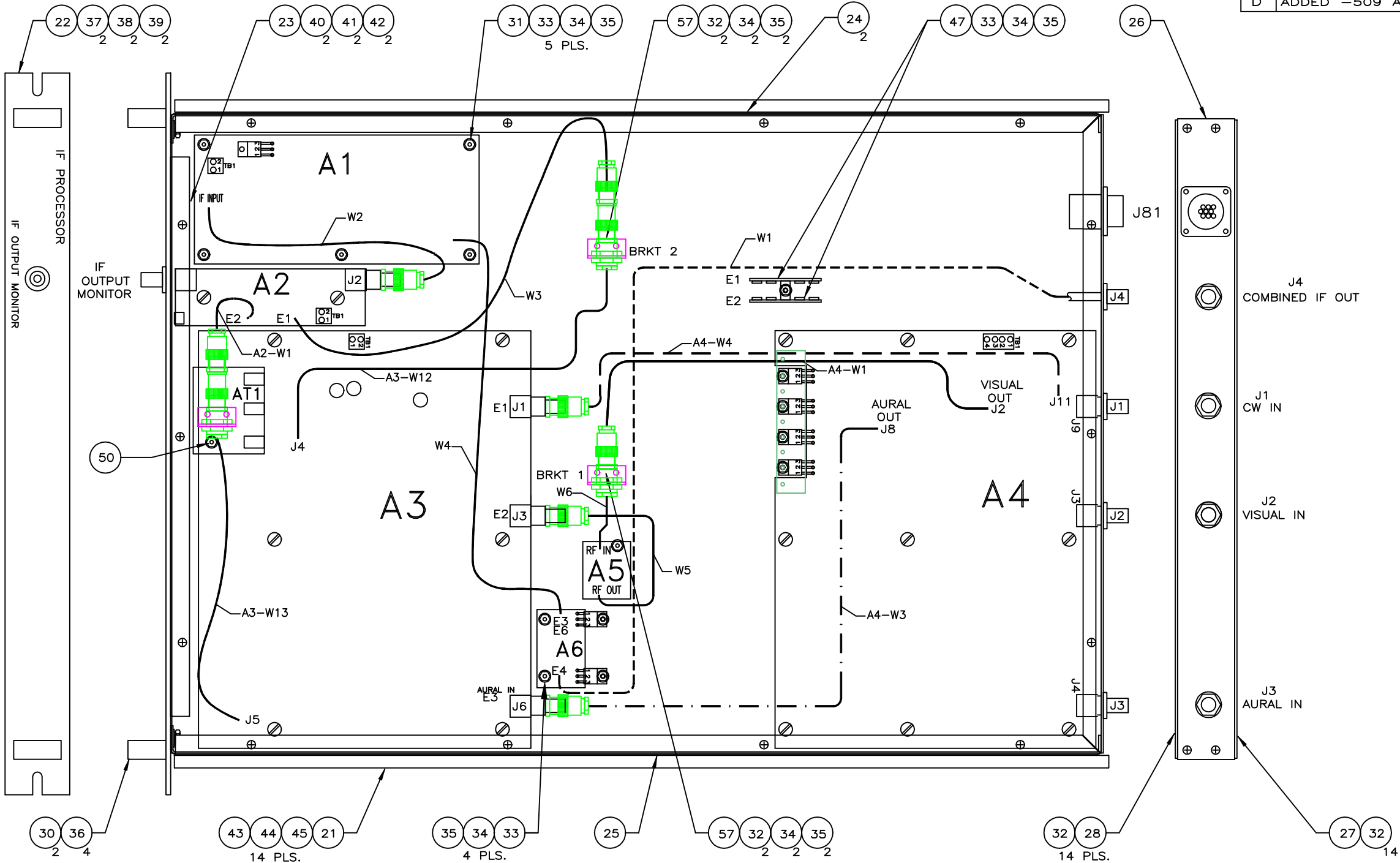
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	REDRAWN FOR CHANGES/ADDITIONS.	MTS	MB	1/96
B	UPGRADE TO ACAD - 1/18/99	hcc	MB	1/99



			PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422						
			DRAWN	SJT	9/92							
			CHECKED	MB	9/92							
			MECH ENGR									
		FINISH	ELECT ENGR		TITLE TEST/ALIGNMENT VIDEO CORRECTOR							
			APPROVAL MB 9/92						SIZE CODE ID DRAWING NO. REV B 51336 22708899 B			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES									
			DECIMALS ANGLES									
	TRU/30		.XX +/- .01									
NEXT ASSY	USED ON		.XXX +/- .005 +/- 1/2									
APPLICATION		MATERIAL	DO NOT SCALE DRAWING			SCALE 		SHEET 1 OF 1				

REVISIONS

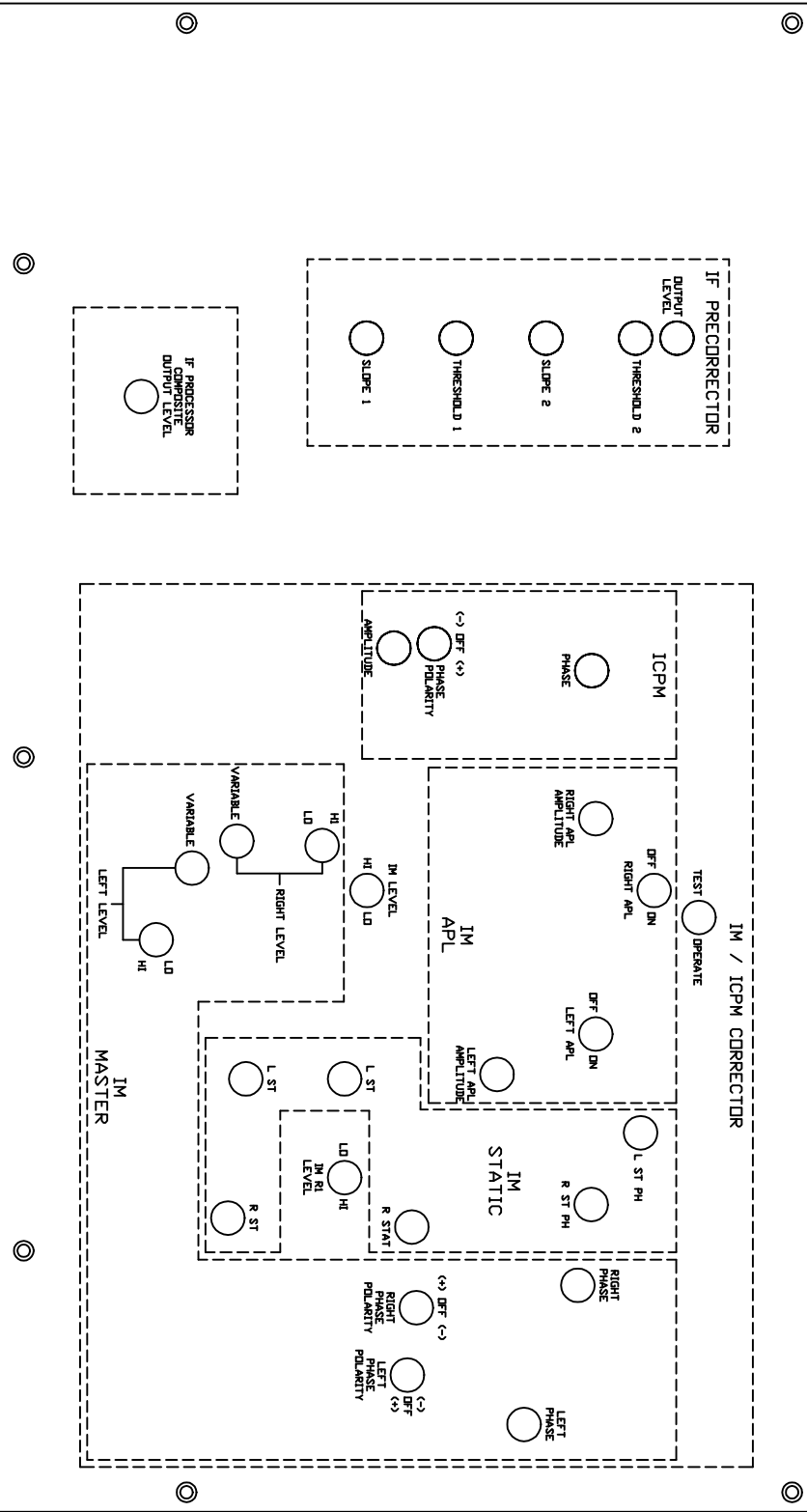
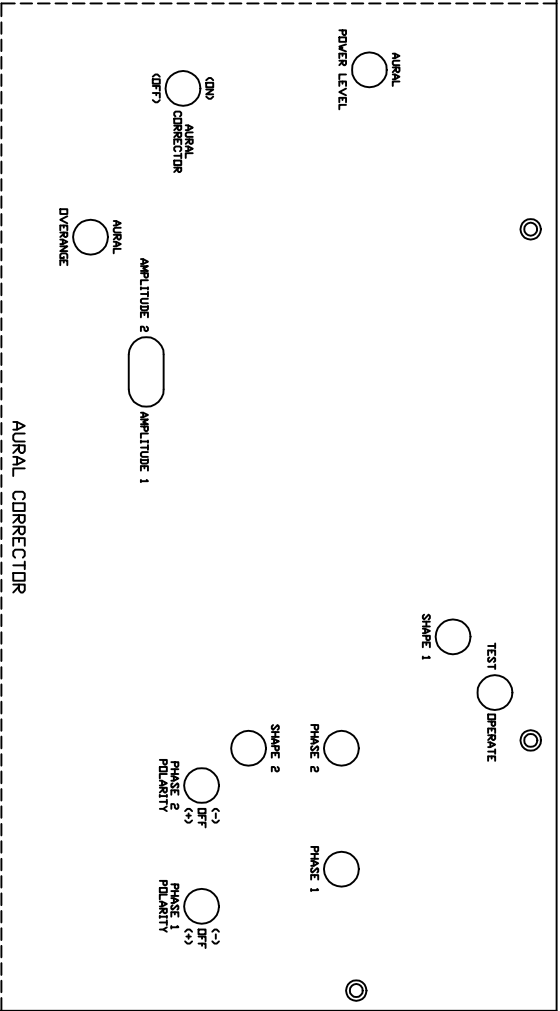
LTR	DESCRIPTION	DRAWN	APR	DATE
A	CH'D, A2 TO -503 VERSION.	JJC	CSM	6/8/98
B	ADDED -505 & -506 ASSY'S.	KH	MB	02/99
C	ADDED -507 & -508 ASSY'S. 02/15/99	MTS	DM	02/99
D	ADDED -509 ASSEMBLY. 03/05/99	MTS		



-501,-502,-505,-506,-507,-508,-509

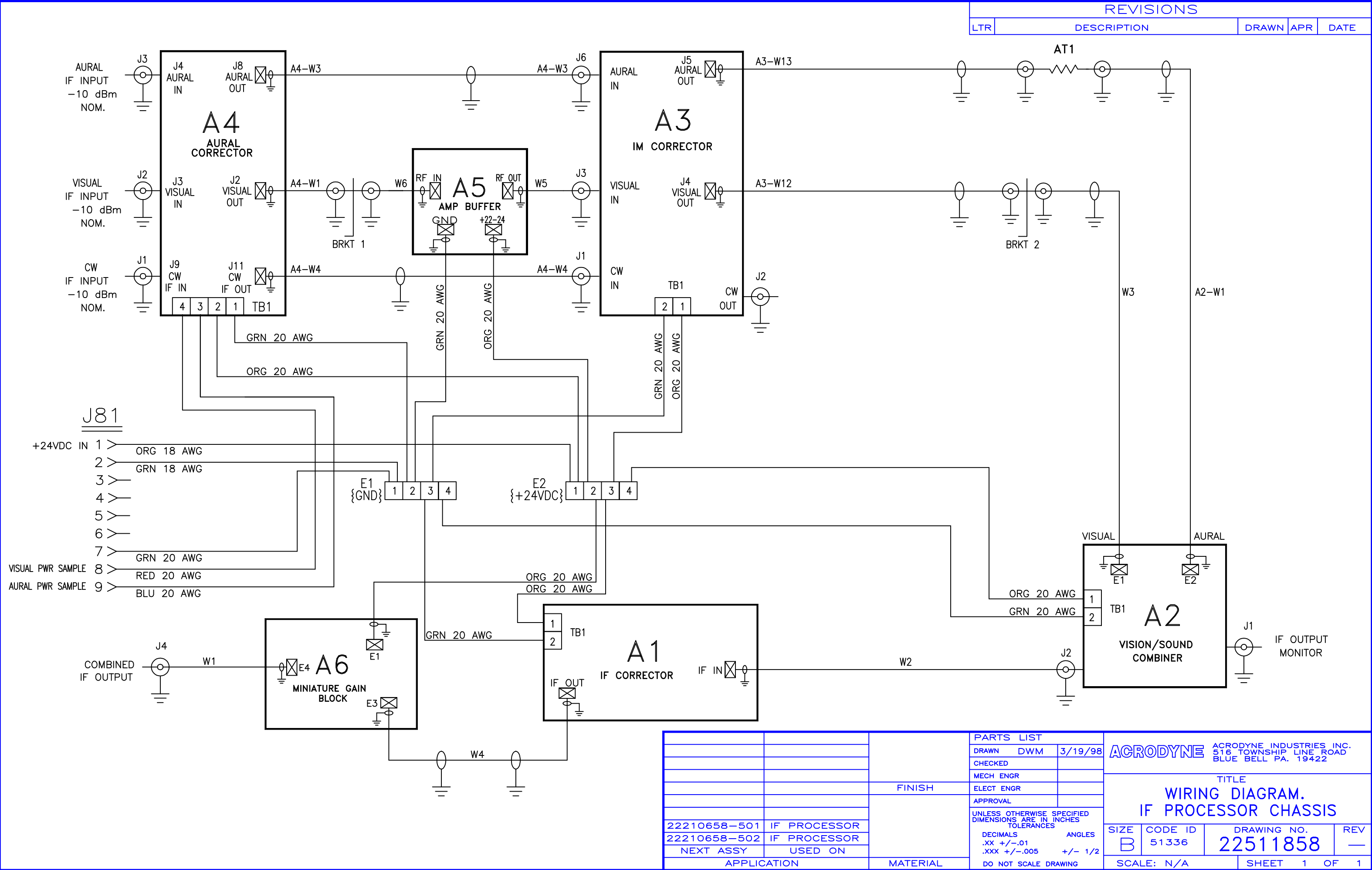
		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	DWM 3/19/98		
		CHECKED		TITLE ASSEMBLY, INTERMEDIATE FREQ. PROCESSOR CHASSIS	
		MECH ENGR			
		FINISH	ELECT ENGR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES	
			APPROVAL MB 02/99		
			DECIMALS ANGLES	SIZE B	CODE ID 51336
			.XX +/- .01		DRAWING NO. 22211856
			.XXX +/- .005 +/- 1/2		REV D
NEXT ASSY USED ON		DO NOT SCALE DRAWING		SCALE: N/A	
APPLICATION		MATERIAL		SHEET 1 OF 2	

REVISIONS			
LTR	DESCRIPTION	DRAWN	DATE

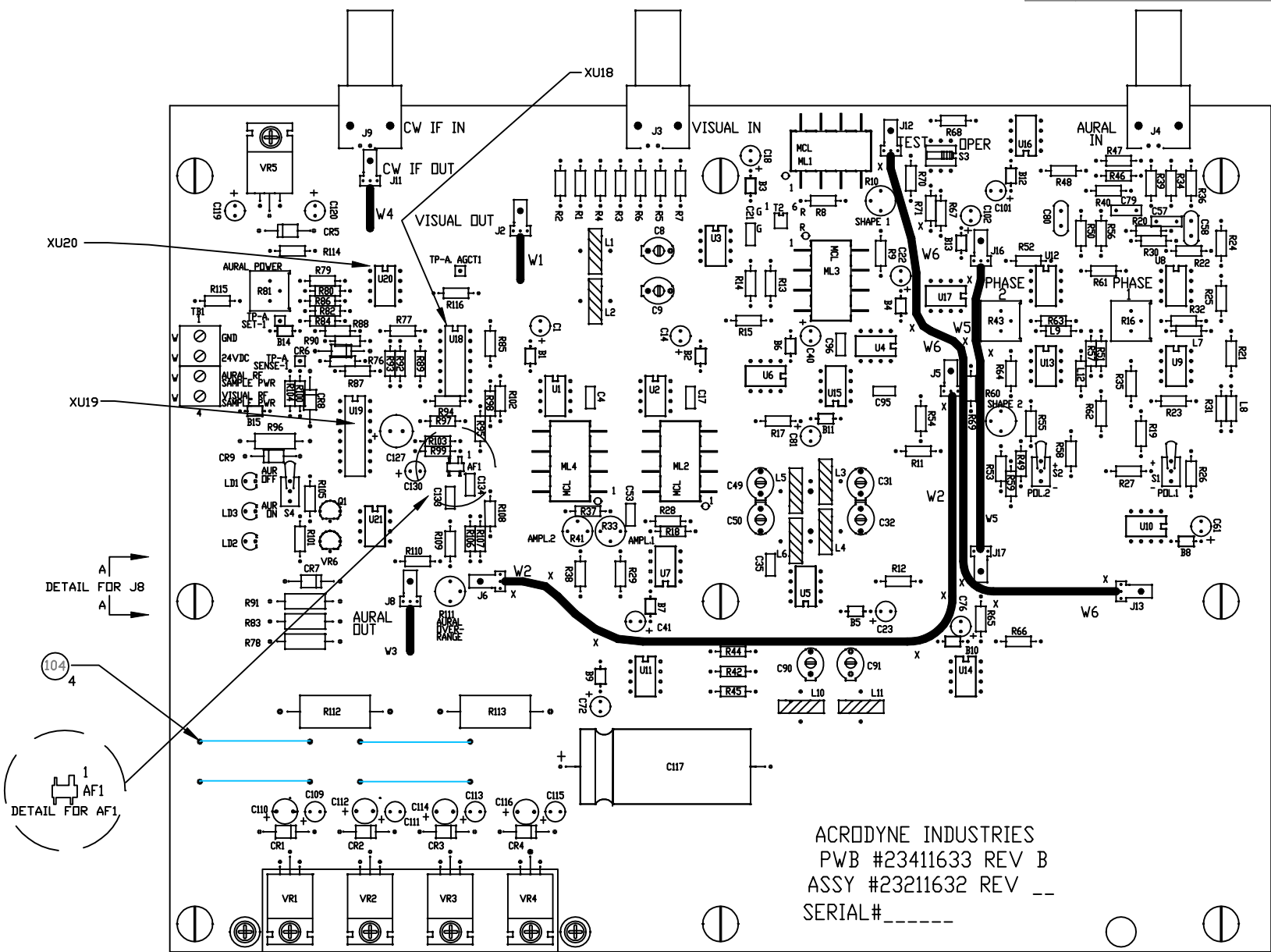


PARTS LIST		ACRODYNE INDUSTRIES INC.	
DRAWN	MTS 05/98	516 TOWNSHIP LINE ROAD	
CHECKED		BLUE BELL PA. 19422	
MECH ENGR		TITLE:	
ELECT ENGR		CONTROLS & INDICATORS:	
APPROVAL		IF PROCESSOR CHASSIS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE	CODE ID
DECIMALS .XX +/- .01		C	51336
ANGLES .XXX +/- .005		DRAWING NO.	REV
DO NOT SCALE DRAWING		23712110	1
SCALE		SHEET 1	OF 1

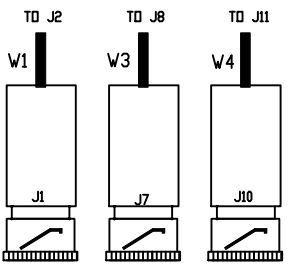
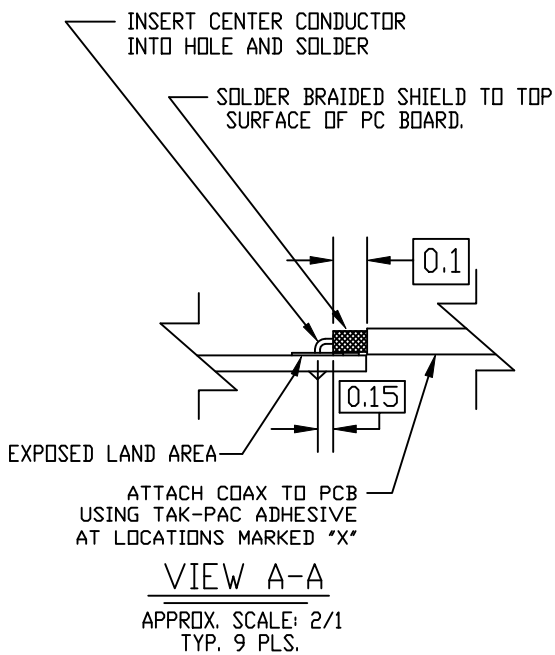
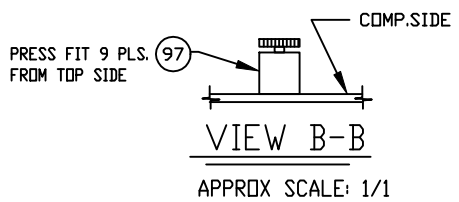
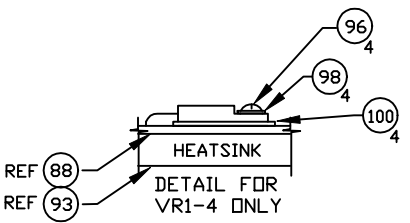
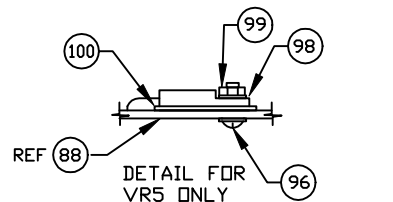
FINISH	
MATERIAL	
NEXT ASSY	USED ON
APPLICATION	



C	W3 WAS 23200165-5-L-41-16	JJC 10/06/98			REVISIONS				
D	ADDED 502	CSM 02/26/99			LTR	DESCRIPTION	DRAWN	APR	DATE
					A	SEE ECN # 3127	WB 5/5/98		
					B	IMPROVED PCB ARTWORK AND PL CORRECTIONS	WB 6/6/98	CM	6/8/98



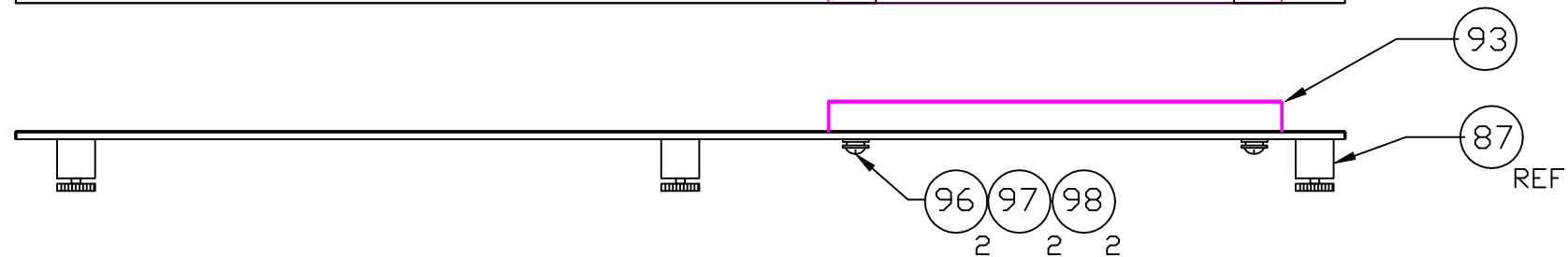
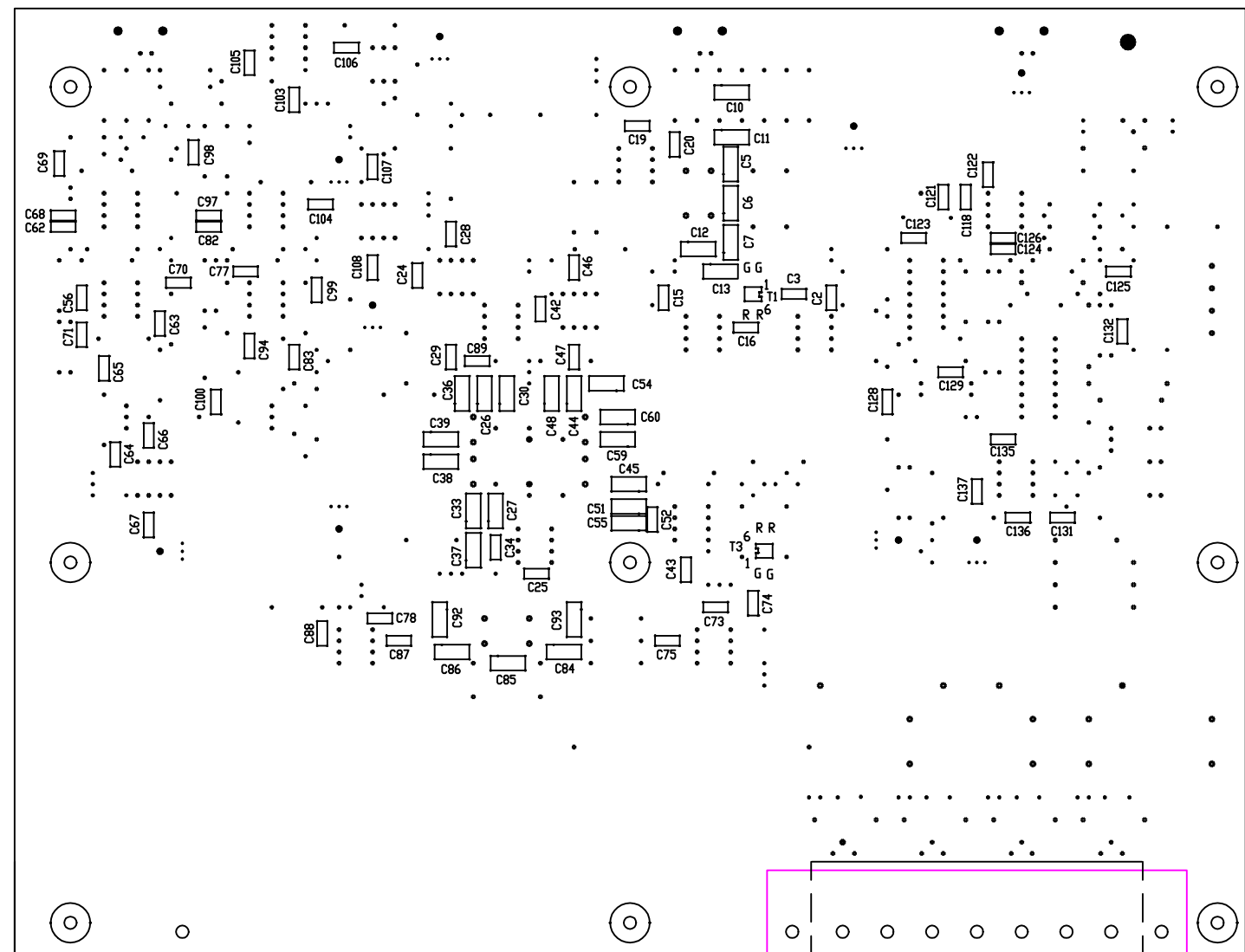
ACRODYNE INDUSTRIES
PWB #23411633 REV B
ASSY #23211632 REV --
SERIAL#-----



- NOTES
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MMC					12/97
			CHECKED						
			MECH ENGR			TITLE ASSEMBLY: AURAL CORRECTOR PCB			
			ELECT ENGR						
		FINISH	APPROVAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES				
			DECIMALS		ANGLES				
			.XX +/- .015						
			.XXX +/- .005		+/- 1/2				
NEXT ASSY	USED ON				SIZE	CODE ID	DRAWING NO.	REV	
					C	51336	23211632	D	
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE 1/1		SHEET 3 OF 3		

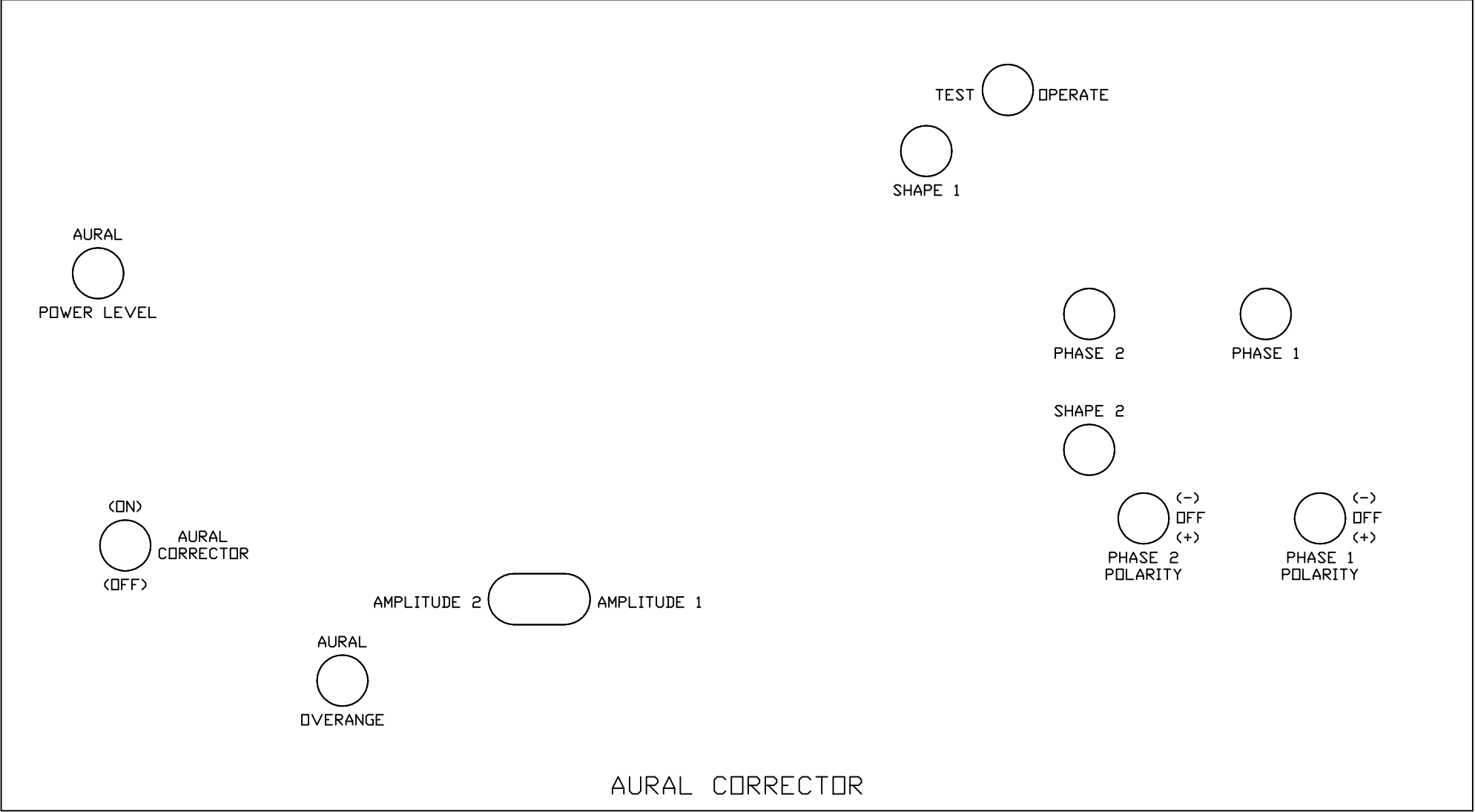
C	W3 WAS 23200165-5-L-41-16	JJC 10/06/98			REVISIONS				
D	ADDED -502	KH 10/13/98			LTR	DESCRIPTION	DRAWN	APR	DATE
					A	SEE ECN # 3127	WB 5/5/98		
					B	IMPROVED PCB ARTWORK AND PL CORRECTIONS	WB 6/6/98	CM	6/8/98



ASSEMBLY BOTTOM

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422							
			DRAWN	MMC					12/97			
			CHECKED									
			MECH ENGR									
		FINISH	ELECT ENGR			TITLE ASSEMBLY: AURAL CORRECTOR PCB						
			APPROVAL									
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES									
			DECIMALS		ANGLES		SIZE	CODE ID	DRAWING NO.	REV		
			.XX +/--.015									
			.XXX +/--.005		+/- 1/2							
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SCALE		1/1	SHEET	2	OF	3
APPLICATION		MATERIAL										

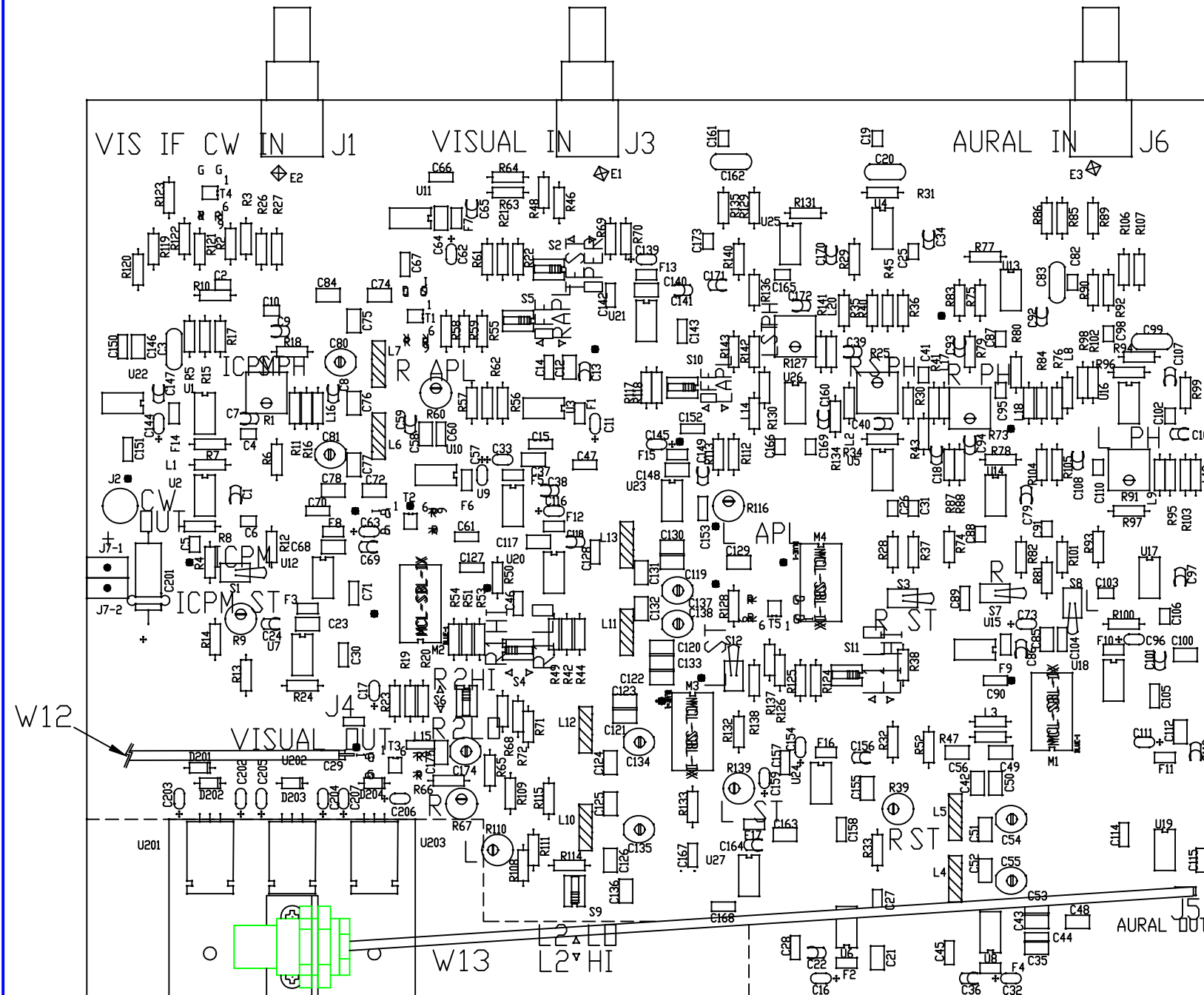
REVISIONS			
LTR	DESCRIPTION	DRAWN	APR DATE



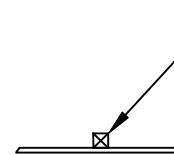
		FINISH	PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	MTS 05/98				
			CHECKED					
			MECH ENGR					
			ELECT ENGR		TITLE: ADJUSTMENTS: AURAL CORRECTOR BOARD			
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE	CODE ID	DRAWING NO.	REV
22211856	98129		DECIMALS	ANGLES	A	51336	21712091	
NEXT ASSY	USED ON		.XX +/- .01					
			.XXX +/- .005	+/- 1/2				
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE		SHEET 1 OF 1	

REVISIONS				
F	SEE ECN # 3240	CP		
G	PL CHANGES SEE ECN 3341	JJC 3/17/99		

SEE VOIDED REV. E FOR PRIOR REVISIONS



NOTE: MOUNT E1-3 VERTICALLY,
ONE END AT THE PAD IDENTIFIED
ON THE BOARD.

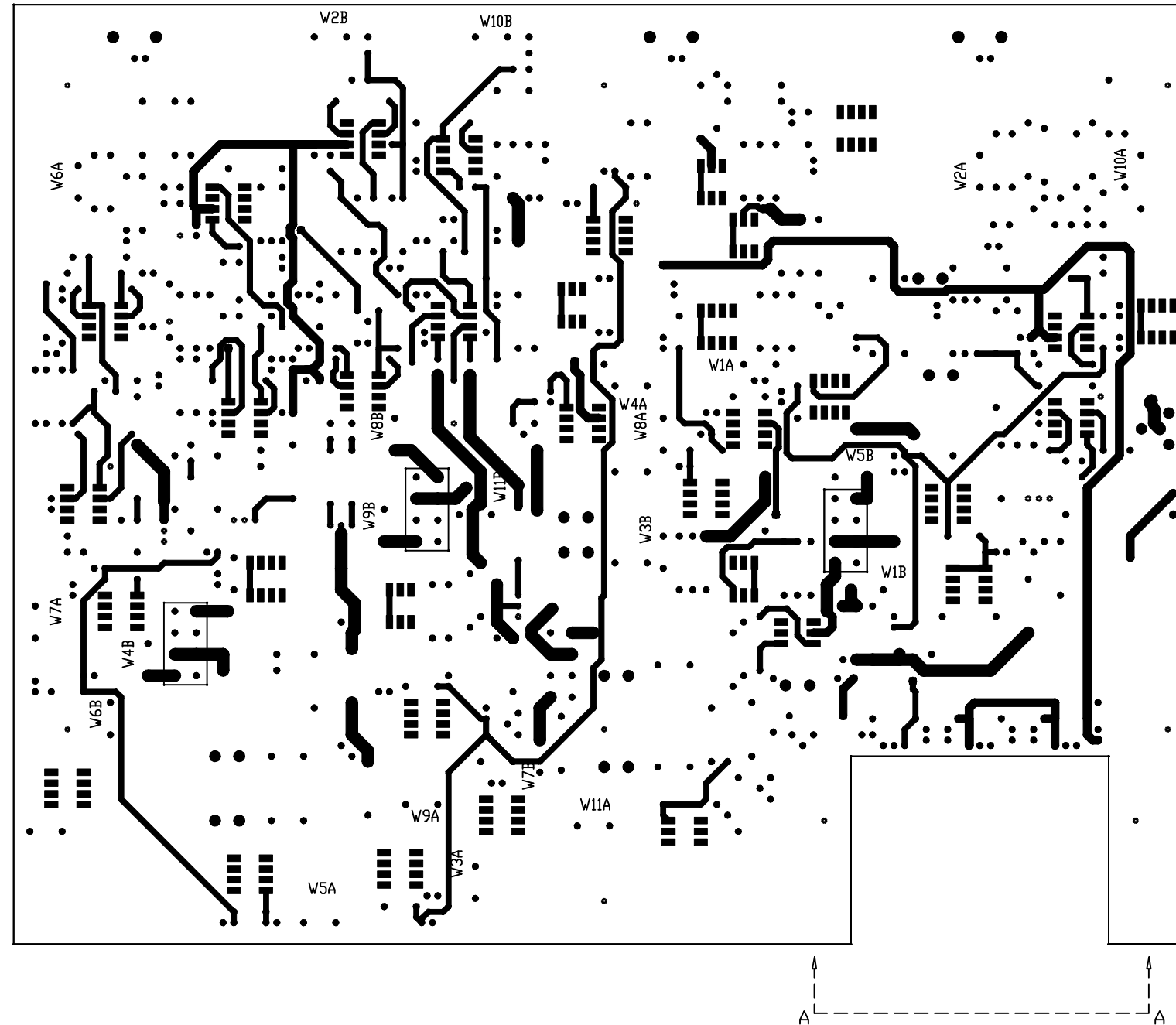


ASSEMBLY TOP

[illegible]

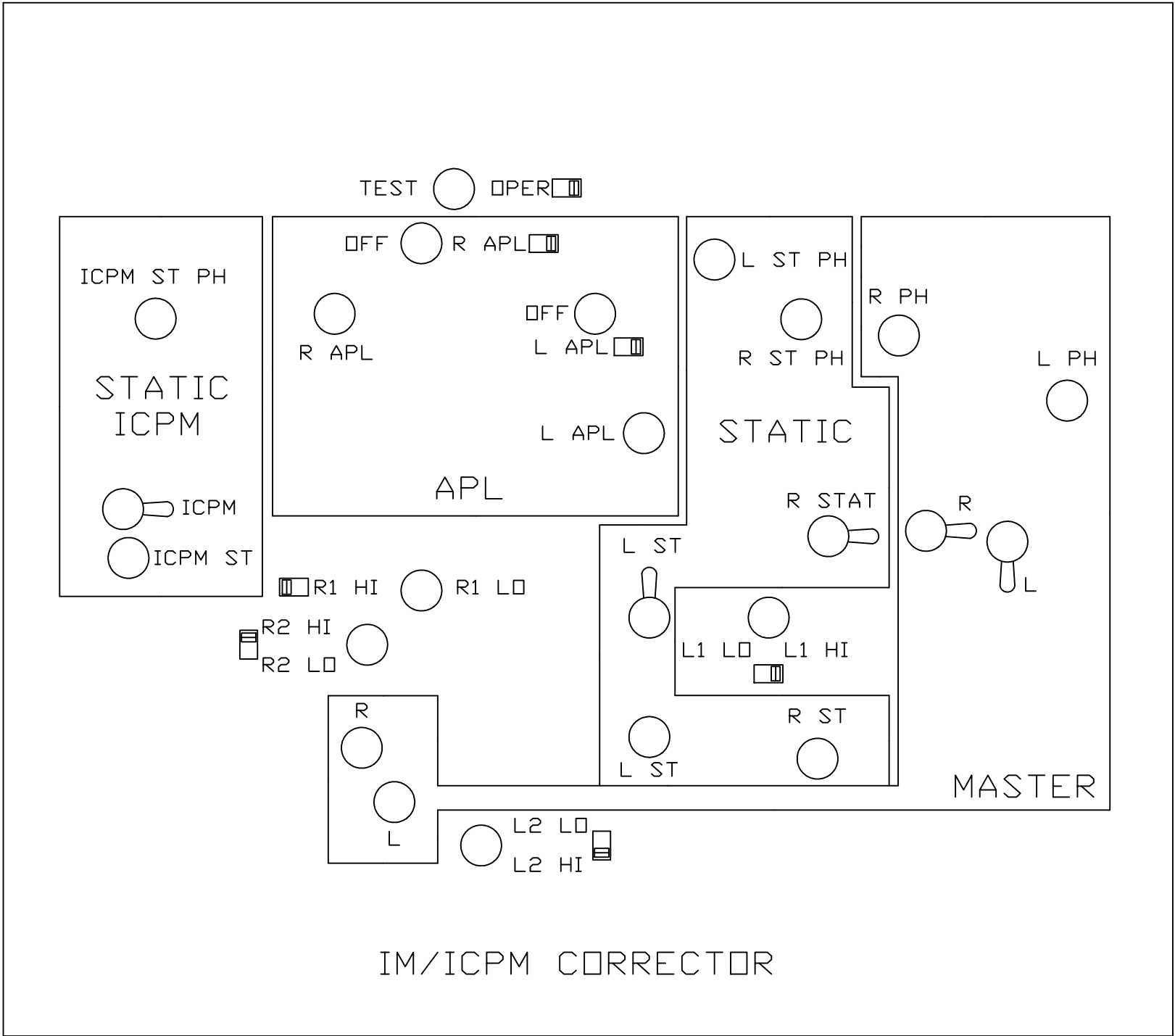
REVISIONS				
F	SEE ECN # 3240	CP		
G	PL CHANGES SEE ECN 3341	JJC 8/17/99		

SEE VOIDED REV. E FOR PRIOR REVISIONS



ASSEMBLY BOTTOM

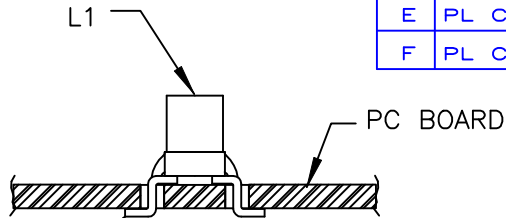
				PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		SCHEMATIC 24510587		DRAWN MMC 9/12/96 CHECKED BROOKES 10/30/96					
		FINISH		MECH ENGR ELECT ENGR APPROVAL				TITLE PCB ASSEMBLY IM PLUS STATIC ICPM	
		.125 THK ALUMINUM 5052-H32		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
22210658				DECIMALS ANGLES .XX +/--.01 .XXX +/--.005 +/- 1/2		SIZE CODE ID C 51336		DRAWING NO. 23210602	
NEXT ASSY		USED ON		DO NOT SCALE DRAWING				REV g	
APPLICATION		MATERIAL				SCALE		SHEET 2 OF 2	



			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	MTS 05/98				
			CHECKED		TITLE: ADJUSTMENTS: IM/ICPM CORRECTOR			
			MECH ENGR					
		FINISH	ELECT ENGR					
			APPROVAL					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE CODE ID DRAWING NO. REV B 51336 22012102			
			DECIMALS ANGLES					
			.XX +/- .01					
			.XXX +/- .005 +/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 		SHEET 1 OF 1	
APPLICATION		MATERIAL						

REVISIONS

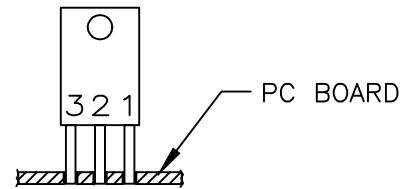
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 - 2/25/97	CMI	MB	3/97
B	ECN 2824: J1 ON -501 ONLY-4/97	hcc	MB	4/97
C	ECN 3100, UPGRADE TO ACAD-5/98	hcc	MB	05/98
D	ADDED -503 ASSEMBLY VERSION. 06/98	MTS	MB	06/98
E	PL CHANGES 12/21/98	JJC	DM	12/21/98
F	PL CHANGES, SEE ECN 3321/42	JJC 3/18/99		



#22 AWG BUSS WIRE MUST BE SOLDERED TO THE SOLDER-SIDE PADS AND THE WIRE BOUGHT UP THROUGH THE HOLES SO THAT L1 AND L2 CAN BE SOLDERED TO IT. 12 PLACES ON REV. - BOARDS ONLY

SECTION A-A

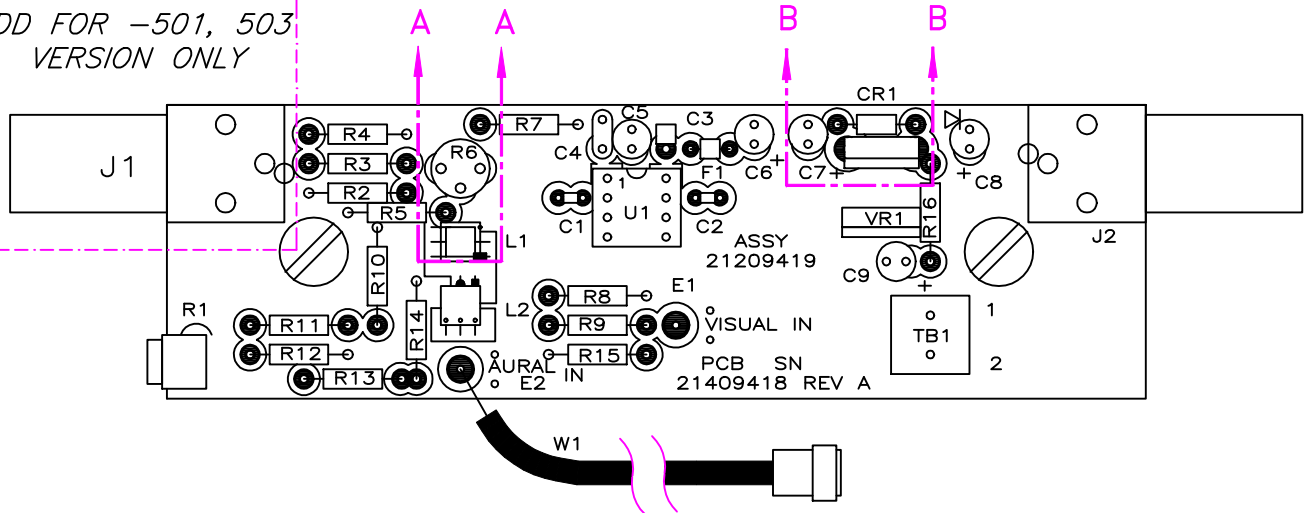
ENLARGED FOR DETAIL
USE ON REV. - BOARDS ONLY



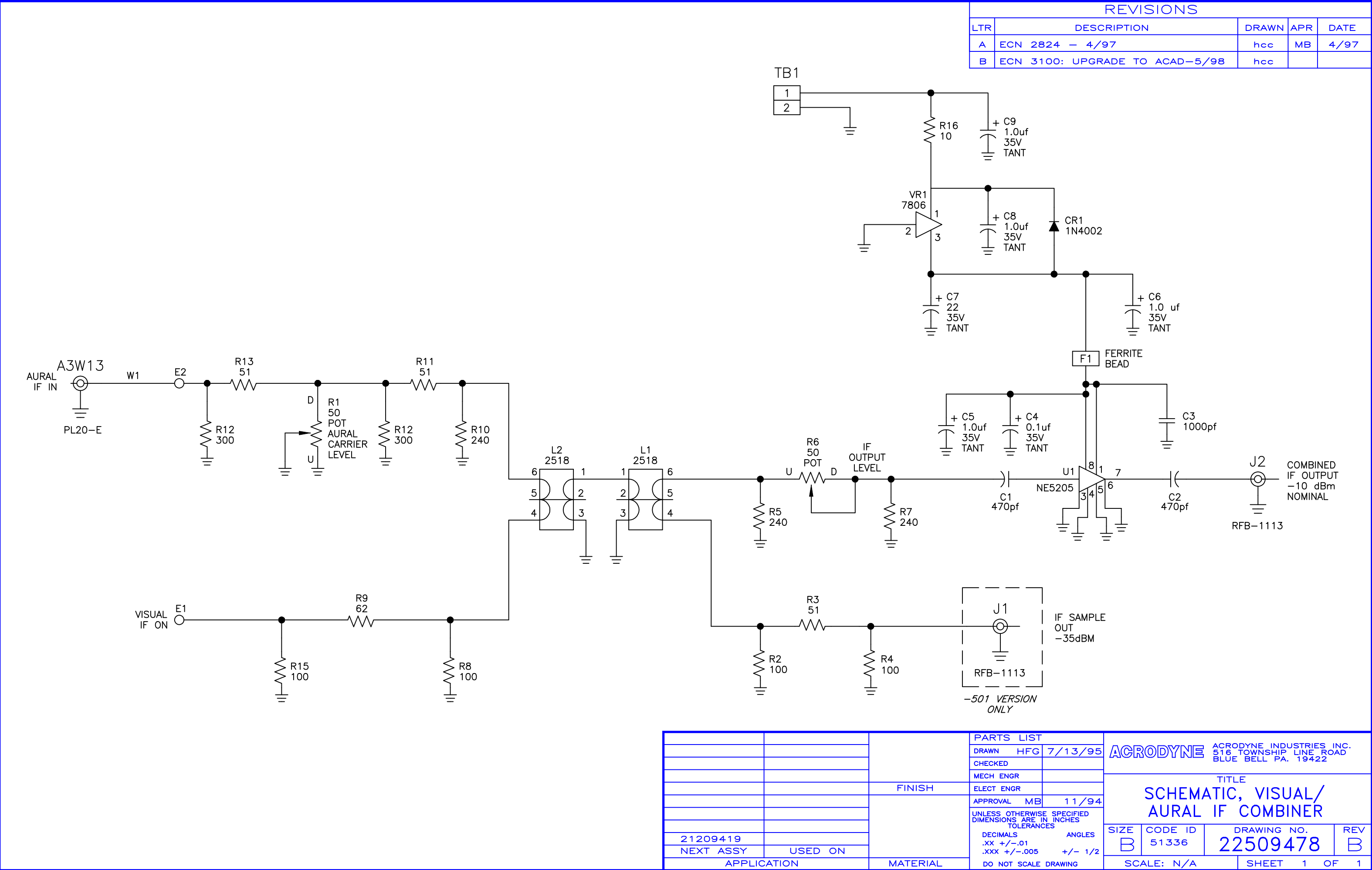
VR1 STANDS UP OFF THE PC BOARD

SECTION B-B

ADD FOR -501, 503
VERSION ONLY

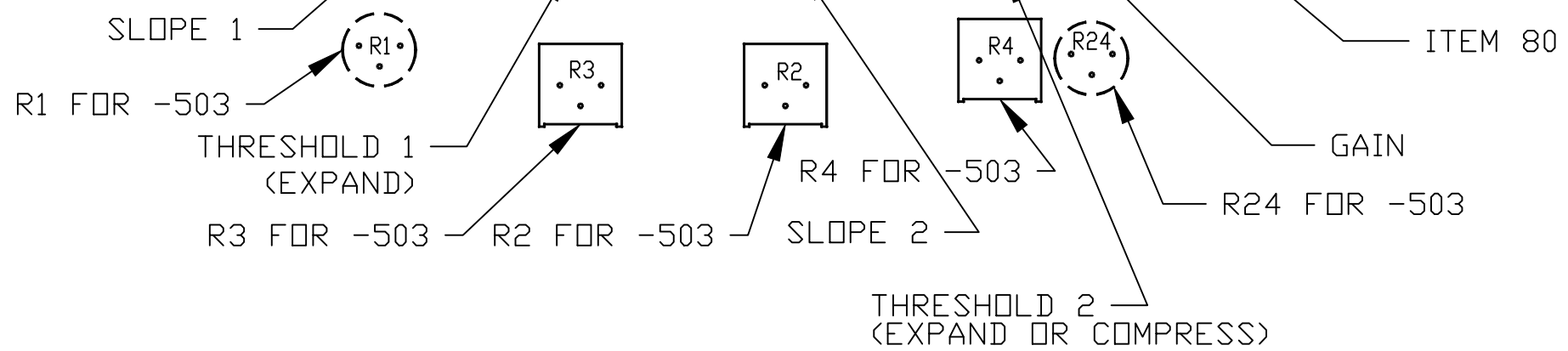
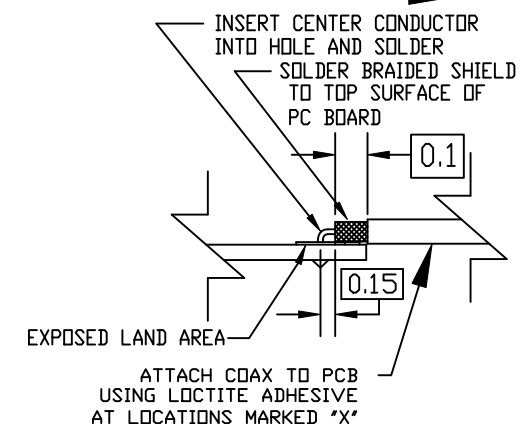
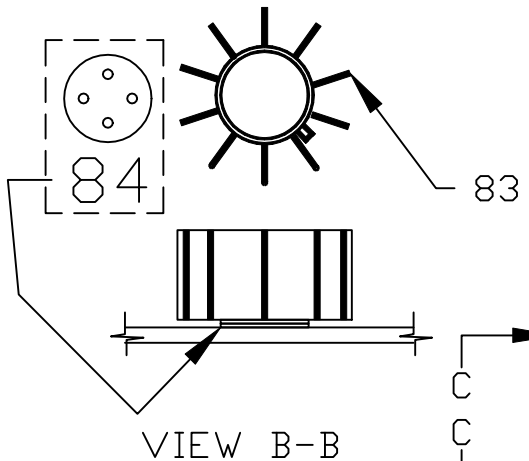
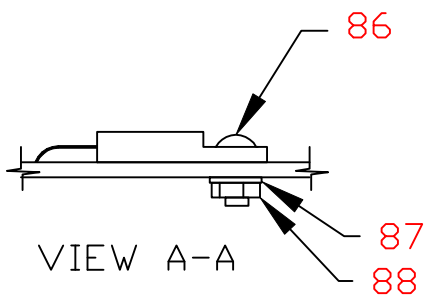
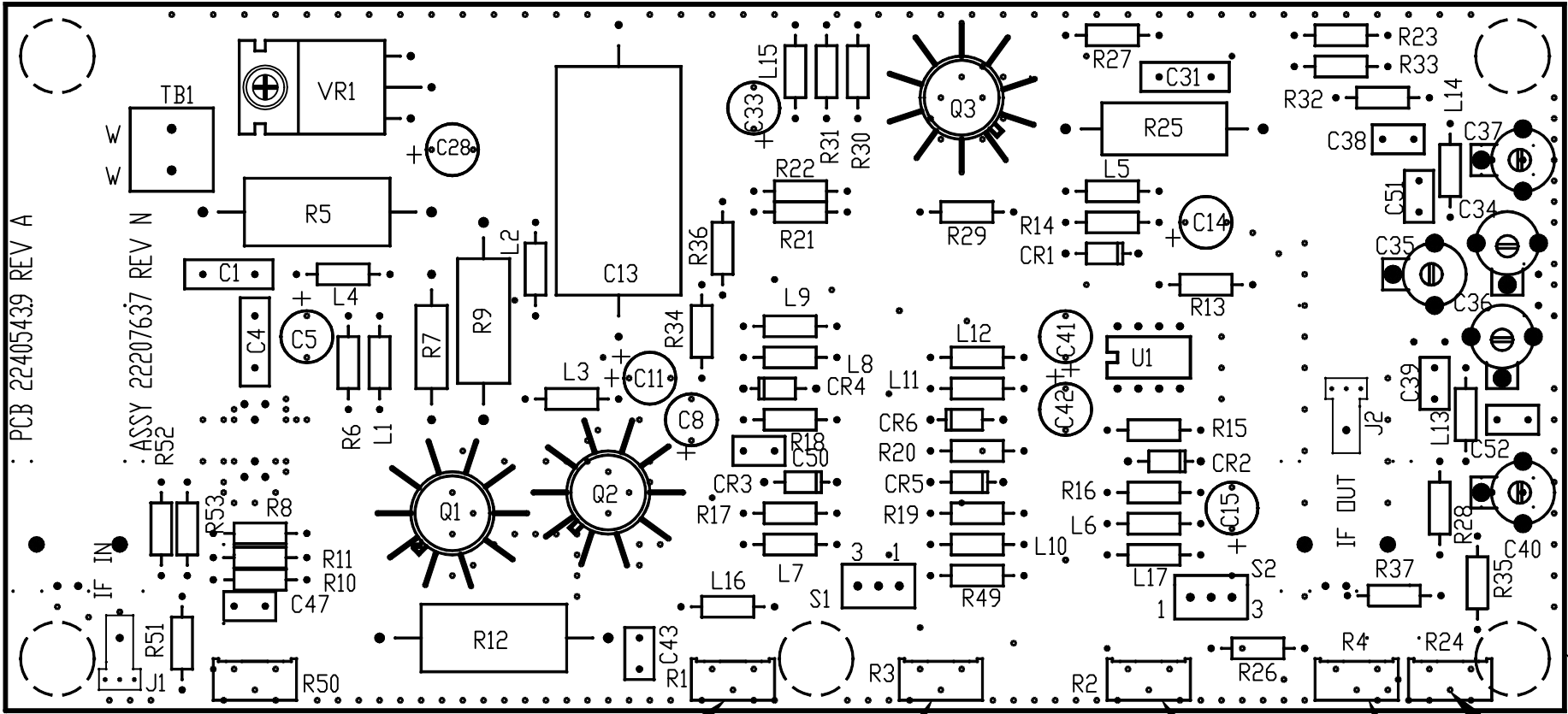


		FINISH	PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN hcc 7/95					
			CHECKED BROOKES 8/95					
			MECH ENGR					
			ELECT ENGR					
			APPROVAL MB 8/95					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		TITLE ASSEMBLY, VISUAL/ AURAL PC BOARD			
			DECIMALS ANGLES					
			.XX +/- .01					
NEXT ASSY	USED ON			.XXX +/- .005 +/- 1/2		SIZE A	CODE ID 51336	DRAWING NO. 21209419
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE: N/A		SHEET 1 OF 1	



			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	HFG 7/13/95				
			CHECKED		TITLE SCHEMATIC, VISUAL/ AURAL IF COMBINER			
			MECH ENGR					
		FINISH	ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22509478 B			
			APPROVAL MB 11/94					
21209419			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE: N/A SHEET 1 OF 1			
NEXT ASSY	USED ON		DECIMALS .XX +/- .01	ANGLES +/- 1/2				
APPLICATION		MATERIAL	DO NOT SCALE DRAWING					

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
N	NEW ARTWORK	MMC-3/98		



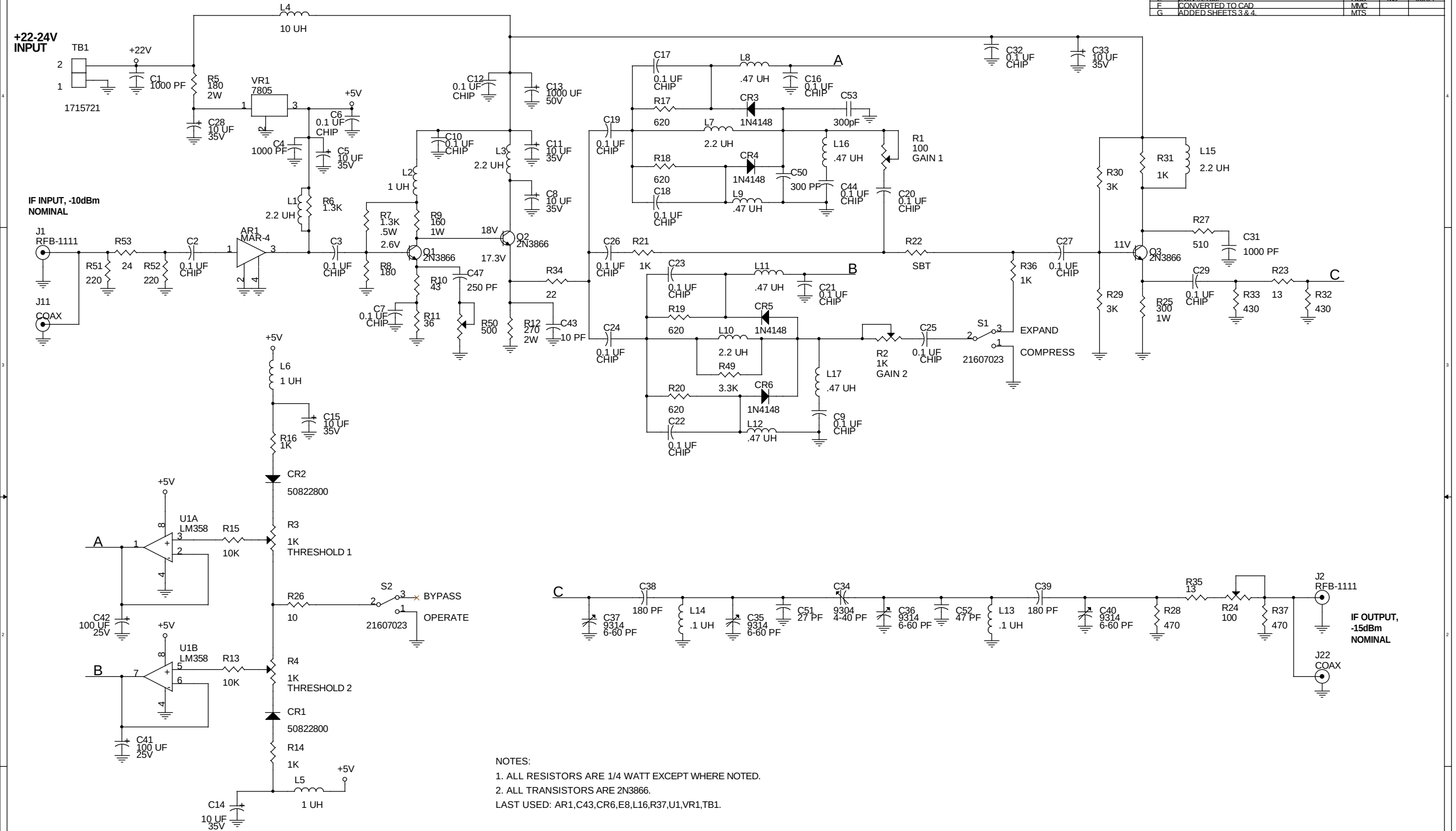
- NOTES
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

COMPONENT SIDE

-501, -503

PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA 19422	
DRAWN	MMC	2/98	TITLE		
CHECKED			ASSEMBLY; IF PRECORRECTOR PCB		
MECH ENGR			SIZE		
ELEC ENGR			CODE ID		
APPROVAL			DRAWING NUMBER		
NEXT ASSY			USED ON		
APPLICATION			DO NOT SCALE DRAWING		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			REV		
DECIMALS .XX +/- .015 .XXX +/- .005			B 51336		
ANGLES +/- 1/2			22207637		
			N		
			SCALE 1 : 1		
			SHEET 1 OF 3		

TR	DESCRIPTION	DRAWN	APPR	DATE
A	ECN #2236 & 2246	CSM	MB	03/31/93
B	ECN #2276	JKC	MB	07/93
C	ECN #2303	SGM	MB	06/93
D	ECN #2394	STJ	MB	09/94
E	ECN #2750	JCC	MB	09/94
F	CONVERTED TO CAD	MMC		
G	ADDED SHEETS 3 & 4	MTS		

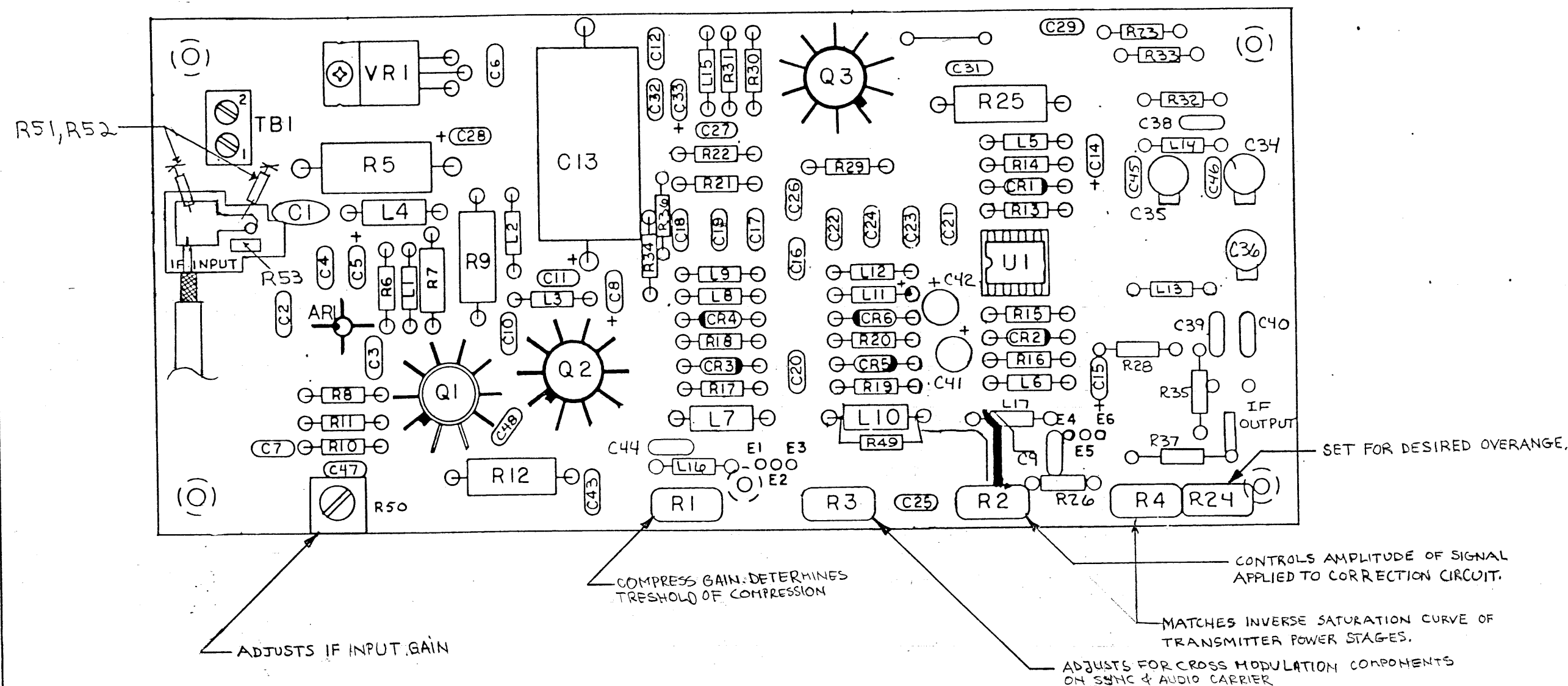


NOTES:
1. ALL RESISTORS ARE 1/4 WATT EXCEPT WHERE NOTED.
2. ALL TRANSISTORS ARE 2N3866.
LAST USED: AR1,C43,CR6,E8,L16,R37,U1,VR1,TB1.

-501,
-503

DRAWN: CSM DATE: 10/19/92 CHECKED: MB DATE: 11/02/92 APPROVED: TH DATE: 11/02/92 ASSY: 22207637	ACRODYNE INDUSTRIES, INC 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2792 TEL 215-542-7000 FAX 215-540-5837 Title: SCHEMATIC: IF PRECORRECTOR Size: C Document Number: 23507636 Date: Wednesday, February 10, 1999 Sheet 1 of 4
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REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ECN # 275 0	1/22/97	C041	VS 1-97

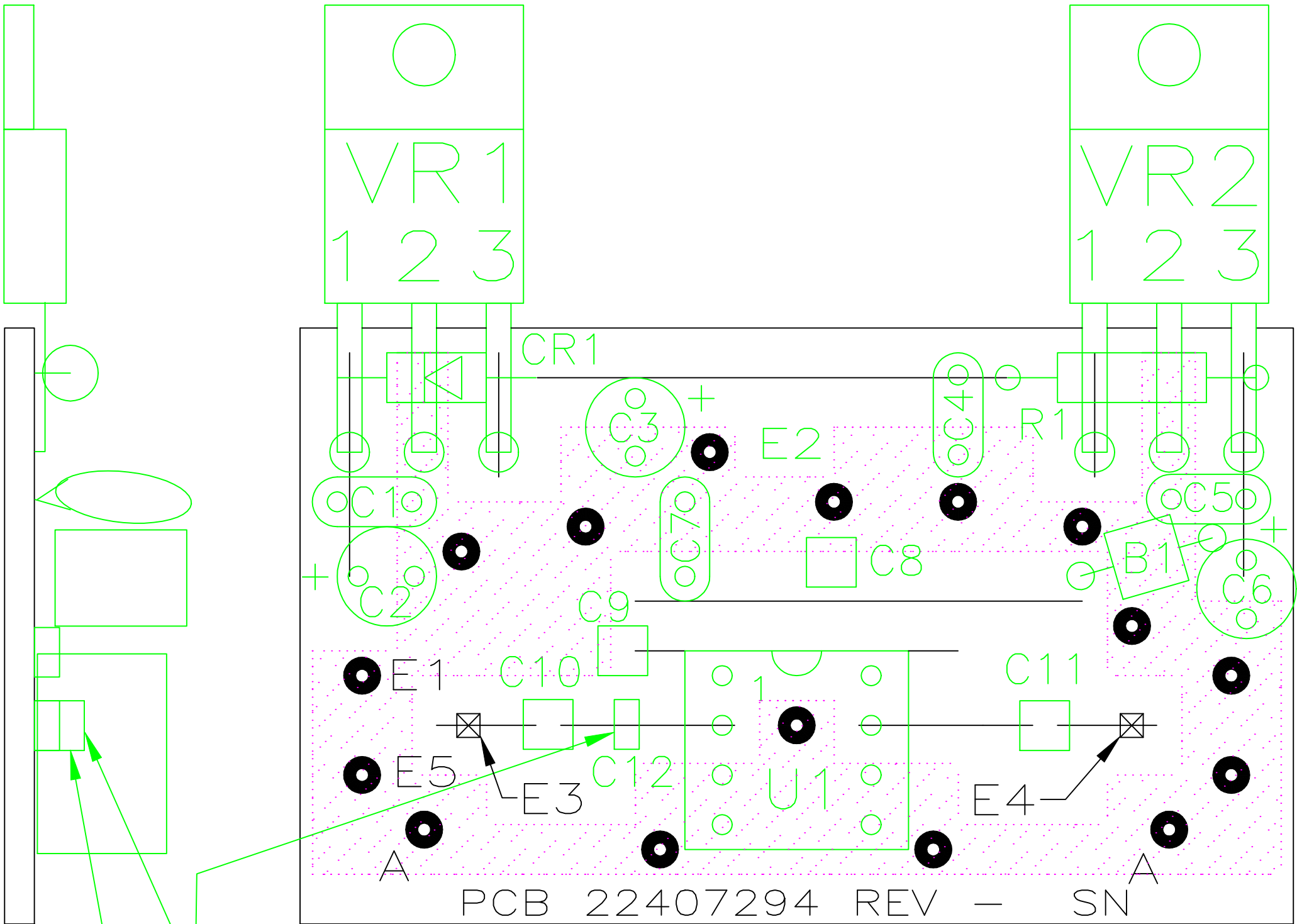


SCHEMATIC: 23507636

PARTS LIST 23207637		ACRODYNE INDUSTRIES		Acrodyne Industries, Inc. 516 Township Line Road Blue Bell, Pennsylvania 19422	
DRAWN	M. STORNS 9/95	TITLE		TEST/ALIGNMENT	
CHECKED		IF CORRECTOR		REV	
MECH ENGR		SIZE		CODE IDENT	
ELEC ENGR		51336		22709666	
APPROVAL	9-95	UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES	
23205520	GENERAL	TOLERANCES		DECIMALS ANGLES	

ACRODYNE INDUSTRIES

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 3021 & UPGRADE DWG,BOM-2/98	hcc	MB	02/98
B	ECN 3093: ADDED C12 & E6. 03/98	MTS		



C12 IS TO BE MOUNTED VERTICALLY WITH ONE CONTACT SOLDERED TO THE PAD. THE END OF C12 THAT PROTRUDES UP WILL BE E6.

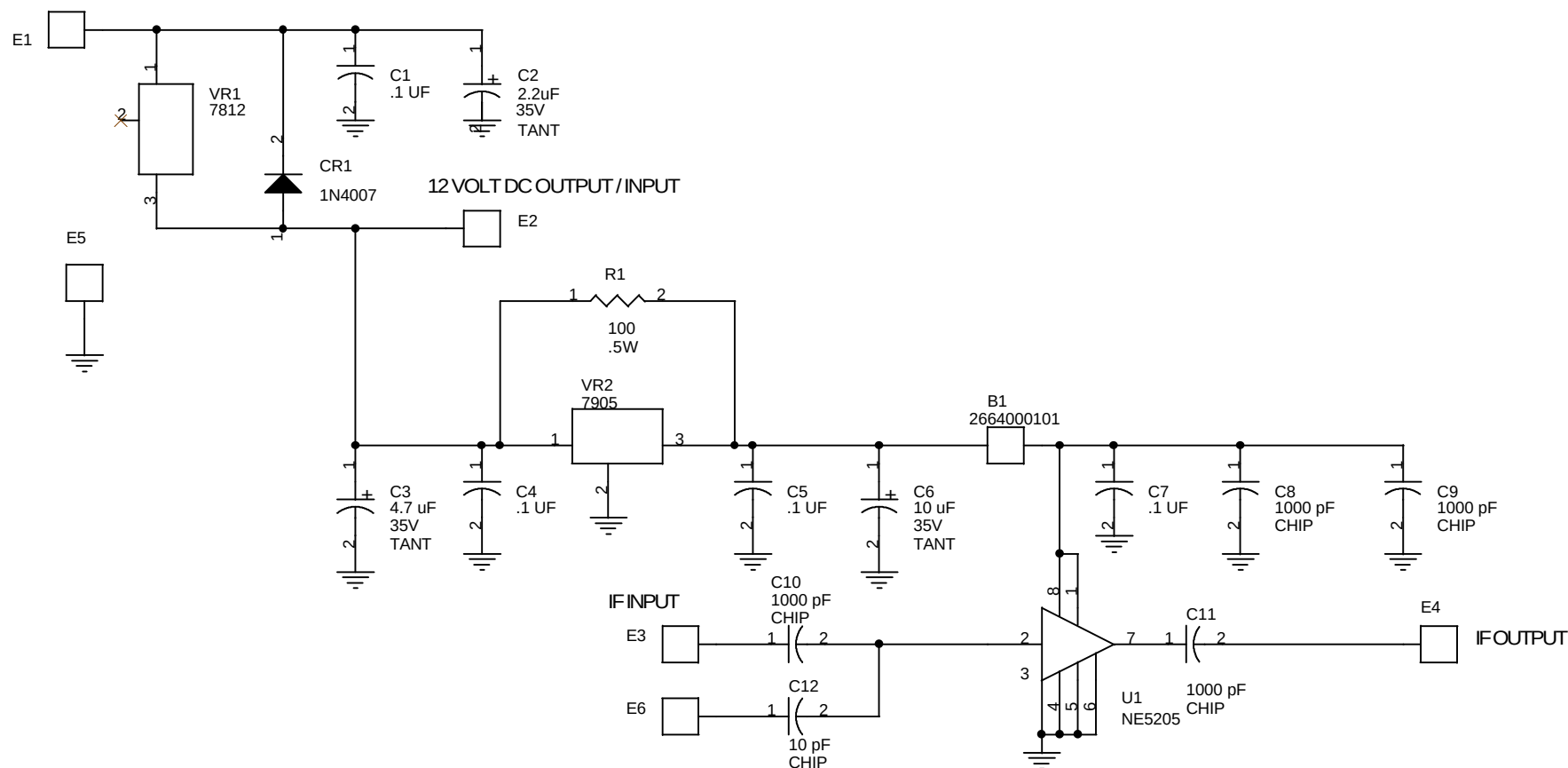
E6 IS THE TOP OF C12

C12

PARTS LIST			ACRODYNE			ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422		
DRAWN	CSM	6/92	TITLE			ASSEMBLY, MINIATURE GAIN BLOCK PCB		
CHECKED								
MECH ENGR			APPROVAL			DRAWING NO. 22207295		
ELECT ENGR								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			APPROVAL			SIZE	CODE ID	REV
DECIMALS	ANGLES		MB			B	51336	B
.XX +/- .01			3/96			SCALE: AS NOTED		
.XXX +/- .005	+/- 1/2		DO NOT SCALE DRAWING			SHEET 1 OF 1		
NEXT ASSY	USED ON		APPLICATION			MATERIAL		

ECN	REV	DESCRIPTION	APPROVED DATE		
	A	ADDED GROUNDING TERMINAL E5. M.C. 02/96		M.B.	02/96
3093	B	ADDED C12 & E6. MTS 03/98			

15 - 28 VOLT INPUT 50mA



NOTE

1) E1,VR1,C1,C2,CR1 ARE NOT USED FOR 12 VOLT INPUT VERSION

DRAWN: MC 01/96
CHECKED: J.B. 01/96
APPROVED: J.B. 01/96

ACRODYNE INDUSTRIES INC
516 TOWNSHIP LINE RD
BLUE BELL, PA 19422-2797
TEL 215-542-7000 FAX 215-540-5837

SCHEMATIC MINIATURE GAIN BLOCK

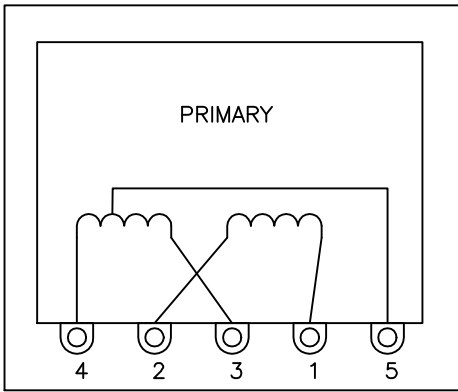
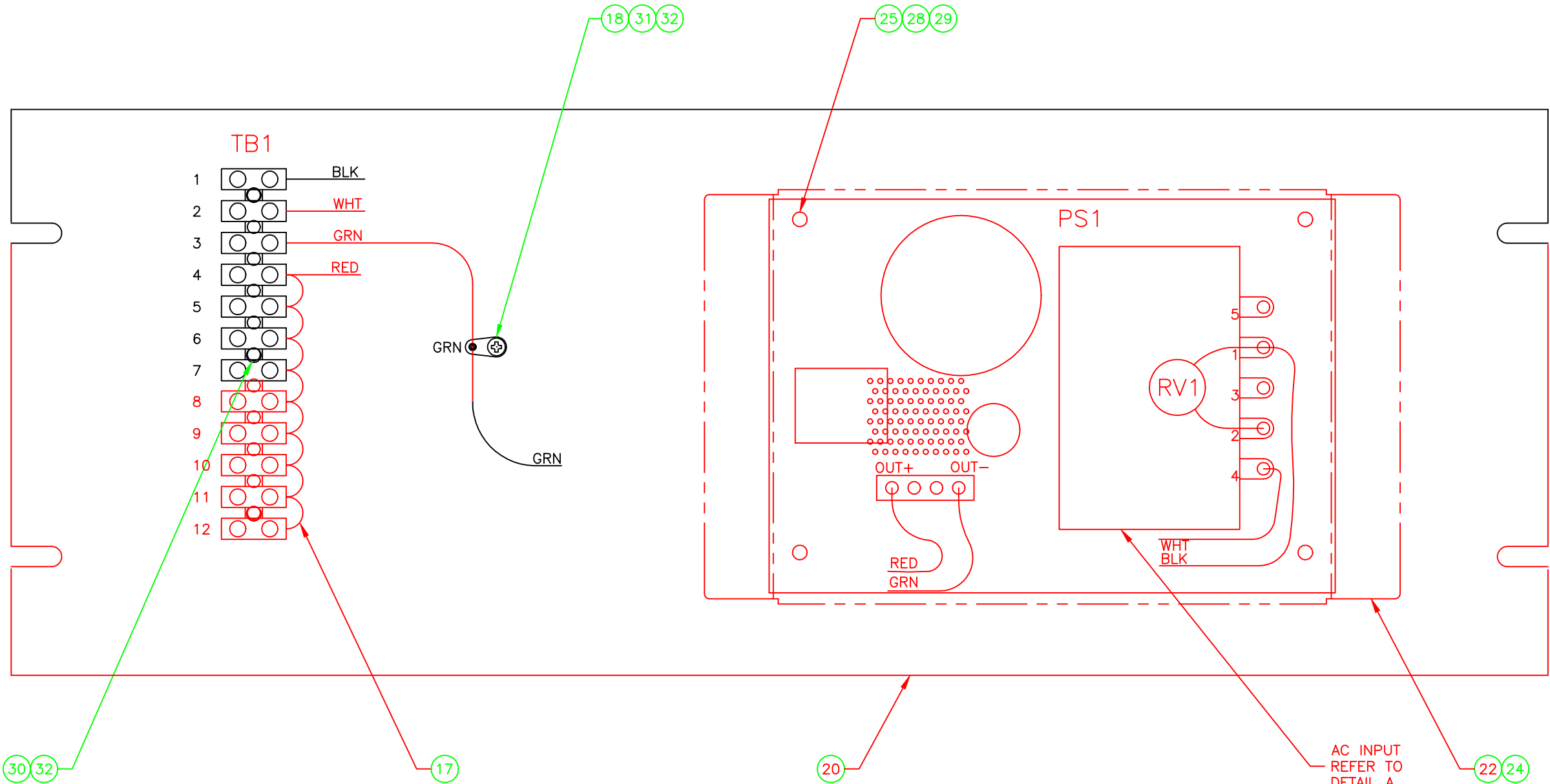
NEXT ASSY: 22207295

Size	CAGE Code	DWG NO	Rev
A	51336	22507221	B

Thursday, April 02, 1998

Scale	Sheet	1 of 1
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REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVED
A	SEE ECN 2053	4/8/92	
B	ADDED ITEMS 10,11 & 12	HFG 10/11/95	
C	ADDED # CORRECTION #12	MTS 11/16/96	
D	ADDED POWER SUPPLY COVER	MC 5/3/96	
E	ADDED -02, CHANGED TITLE	CM 8/1/96	CM 7/17/96
F	ADDED -503 & -504, GENERAL REVISION	HFG 12/15/97	MB 2/6/98
G	ADDED -505 & -506, SEE ECN 3087, REDRAWN ON CAD	HFG 5/13/98	

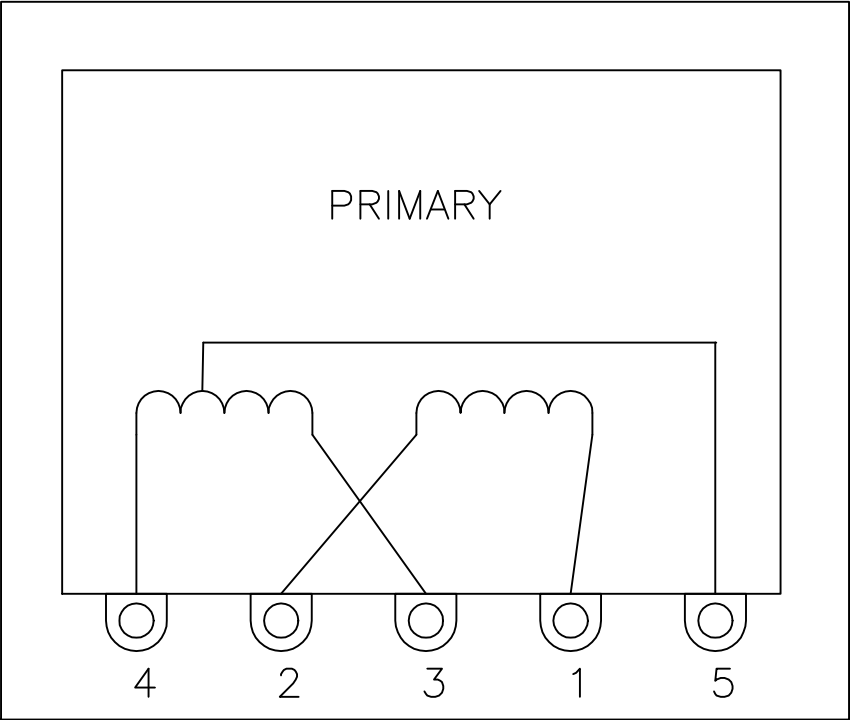
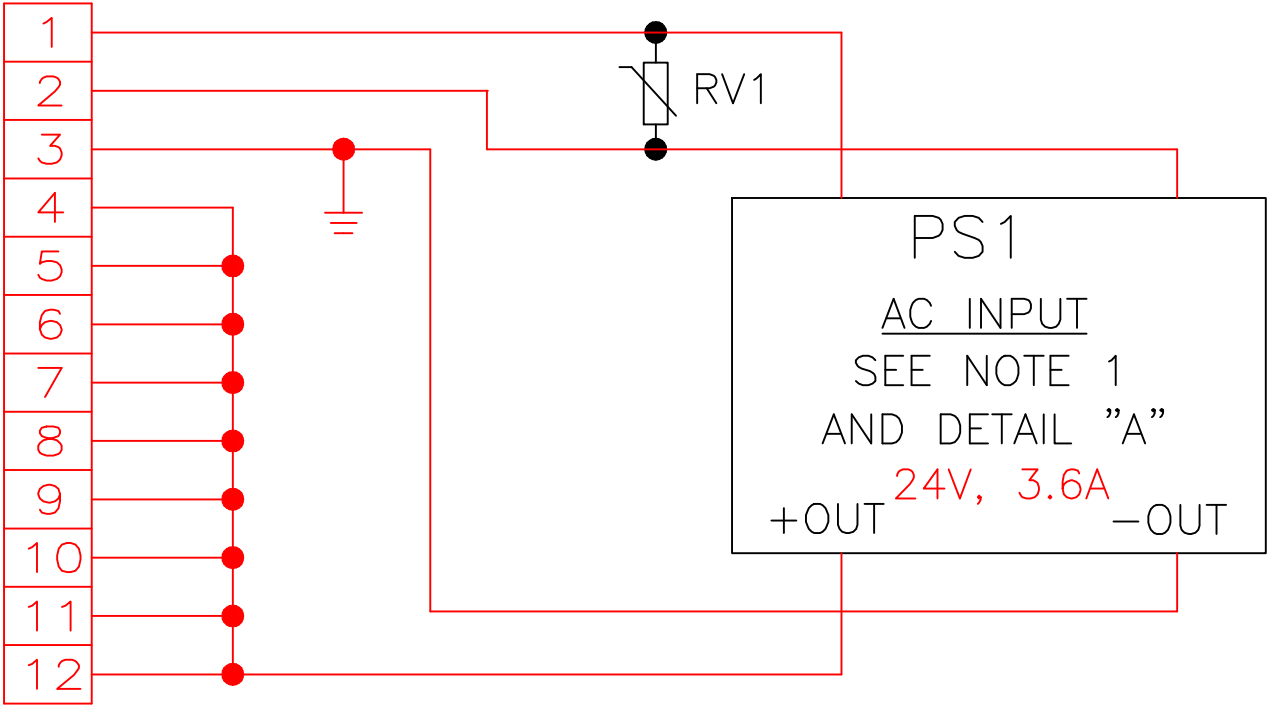


DETAIL A
WIRING VIEW (PS1)

AC INPUT, 47 - 63 Hz				
FOR USE AT		120 VAC	220 VAC	
JUMPER		1 & 3 2 & 4	2 & 3	
APPLY AC		4 & 1	1 & 5	
VERSION USE		-502		

		SCHEMATIC 22506426 SHEET 2	PARTS LIST		AGRODYNE INDUSTRIES INC. 816 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422
			DRAWN	HFG 5/13/98	
			CHECKED		
			MECH ENGR		
			ELECT ENGR		
			APPROVAL		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		
			DECIMALS	ANGLES	
			.XX +/- .01	+/- 1/2	
			.XXX +/- .005		
			DO NOT SCALE DRAWING		
2	T		SIZE	CODE ID	DRAWING NO.
NEXT ASSY	USED ON		C	51336	23206425
APPLICATION			SCALE		SHEET 2 OF 3

REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVED
A	SEE ECN #2053	REG 4/92	TPH 4/8/92
B	ADD C1 - C7	HFG 10/11/95	MB 10/11/95
C	ADDED -502	CMI 5/1/96	CM 5/96
D	ADDED -503, -504 & DETAIL A	WB 9/27/97	MB 2/98
E	SEE ECN #3087, REDRAWN ON CAD, ADD -505 & -506	HFG 5/20/98	



NOTES:

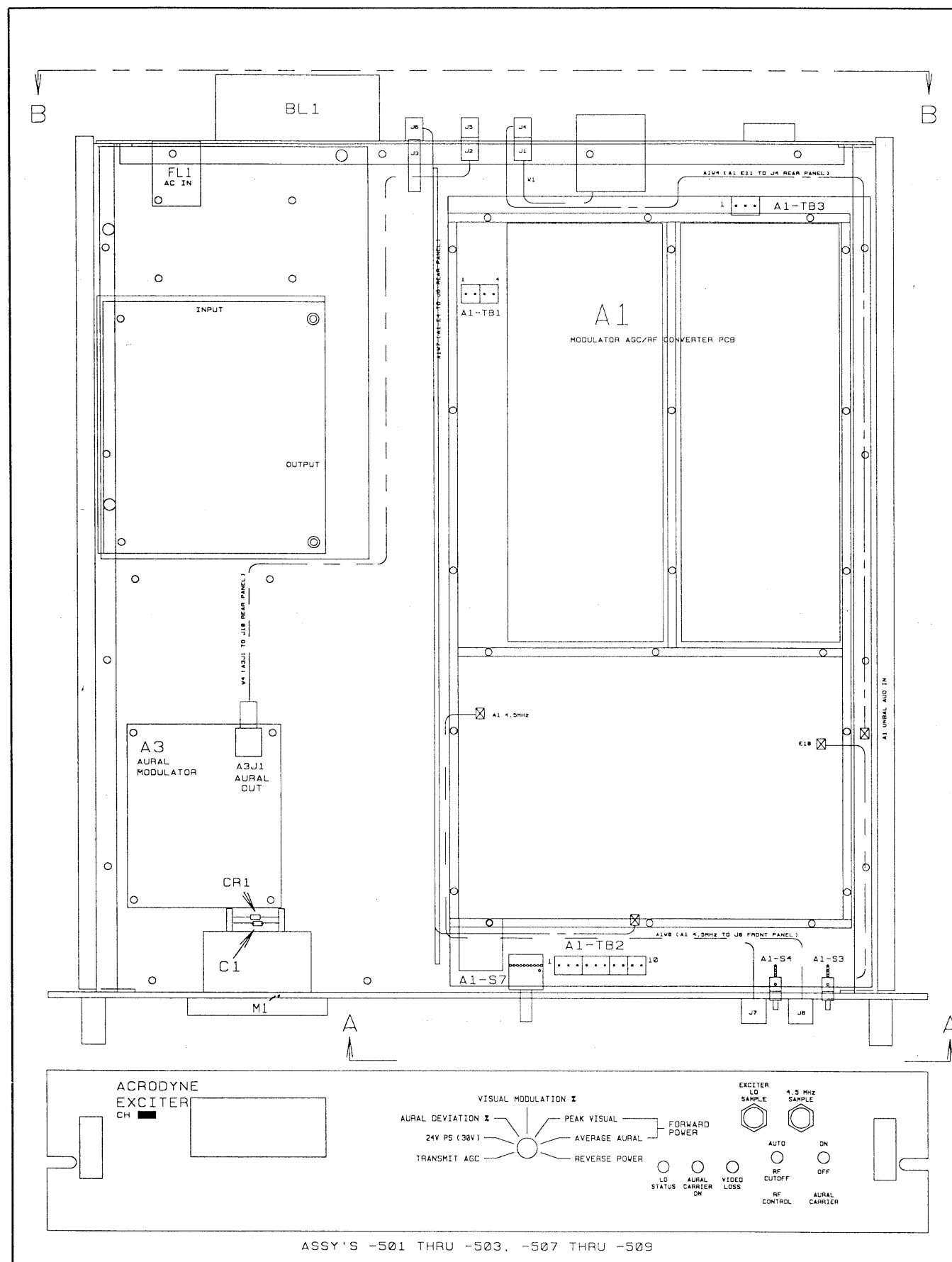
1.

AC INPUT, 47 - 63 Hz				
FOR USE AT		120 VAC	220 VAC	
JUMPER		1 & 3 2 & 4	2 & 3	
APPLY AC		4 & 1	1 & 5	
VERSION USE		-502	—	

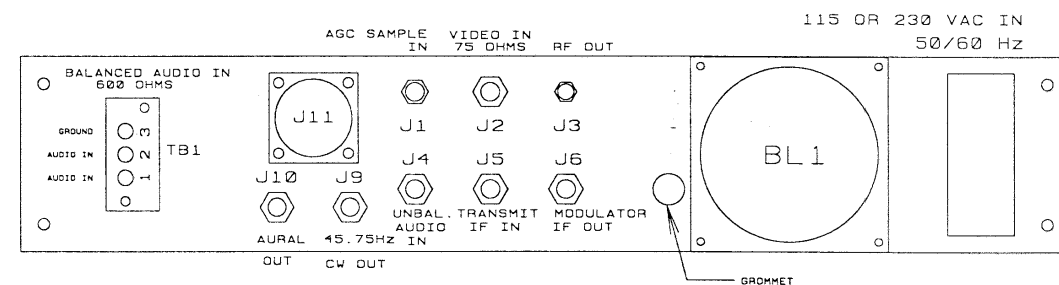
DETAIL A
WIRING VIEW (PS1)

-502

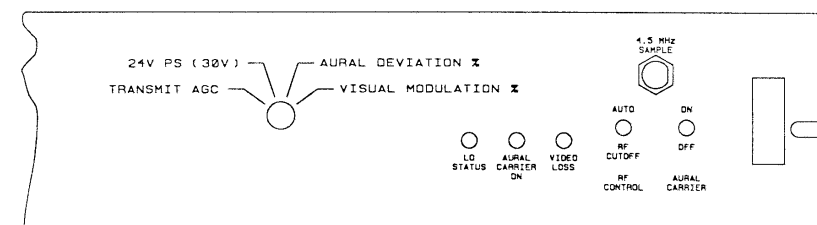
				PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
				DRAWN	T.NEAL					6/10/91
				CHECKED	W.B.					6/11/91
				MECH ENGR			TITLE SCHEMATIC, 12V/24V POWER SUPPLY PANEL WIRING			
			FINISH	ELECT ENGR						
				APPROVAL	T.HULICK	8/14/91	SIZE B CODE ID 51336 DRAWING NO. 22506426 REV E			
23206425-02				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
23206425-02	AU120D			DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2						
	TRL/5KA									
NEXT ASSY	USED ON									
APPLICATION		MATERIAL		DO NOT SCALE DRAWING			SCALE 		SHEET 2 OF 3	



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2933 & 2935 - BOM CHANGES - 9/97	hcc	MB	9/97
B	ADDED -05 FRONT PANEL - 5/5/99	hcc		



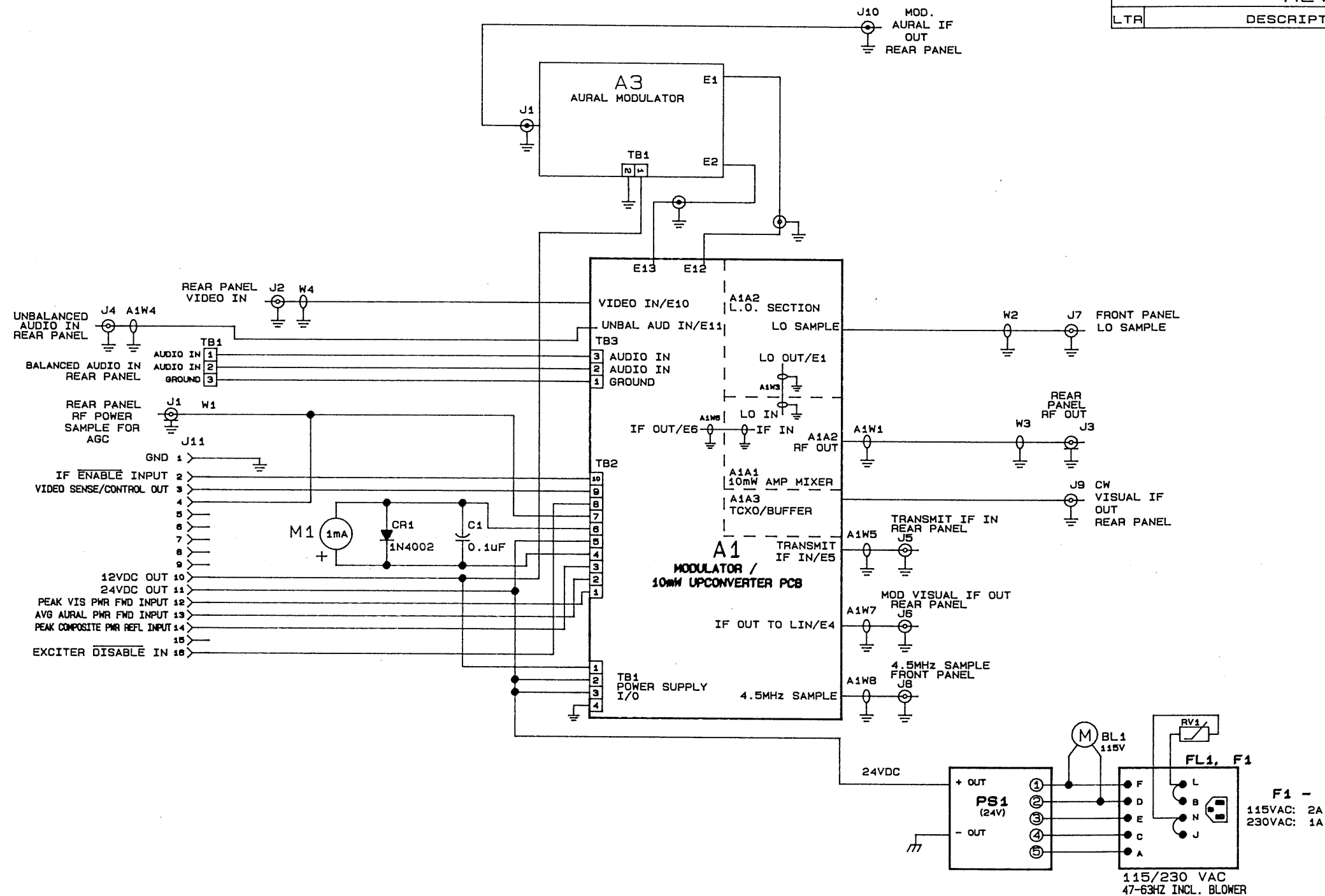
VIEW B - B
ROTATED 180 DEGREES



VIEW A - A
ASSY'S -504 THRU -506, -510 THRU -512

M/N

PARTS LIST		ACRODYNE INDUSTRIES	
DRAWN	hcc	12/28/95	
CHECKED			
MECH ENGR			
ELECT ENGR			
APPROVAL	MB	1/5/99	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		TITLE	
DECIMALS	XX +/- .015	ASSEMBLY, VHF HIBAND EXCITER WITH FAN NTSC FORMAT	
XXX +/- .003	+/- 1/2	SIZE	CODE ID
DO NOT SCALE DRAWING		D	51336
		DRAWING NO.	24209833
		REV	B
		SCALE	SHEET 1 OF 1



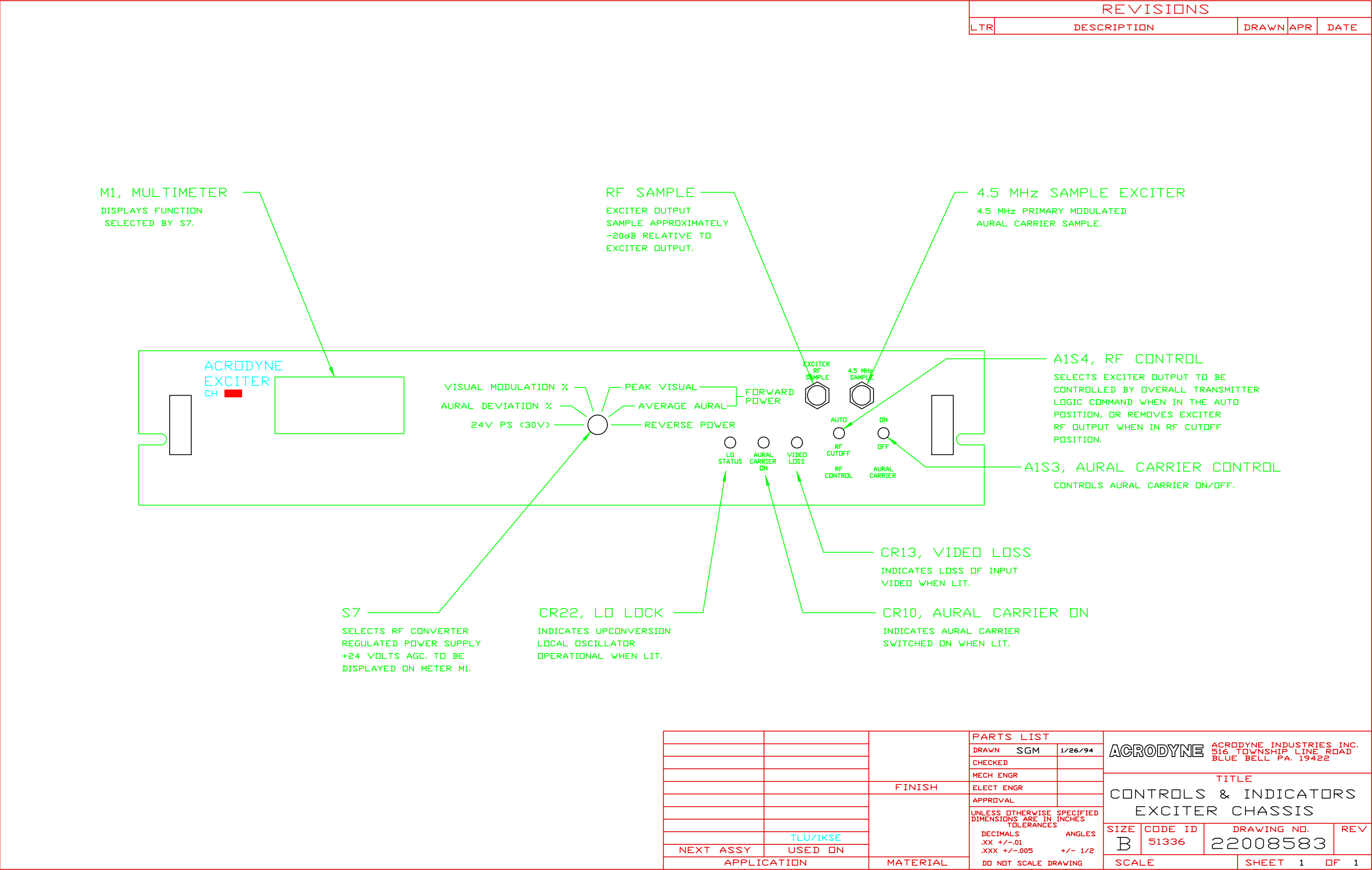
REVISIONS			
LTR	DESCRIPTION	DRAWN	APR DATE

NOTES:

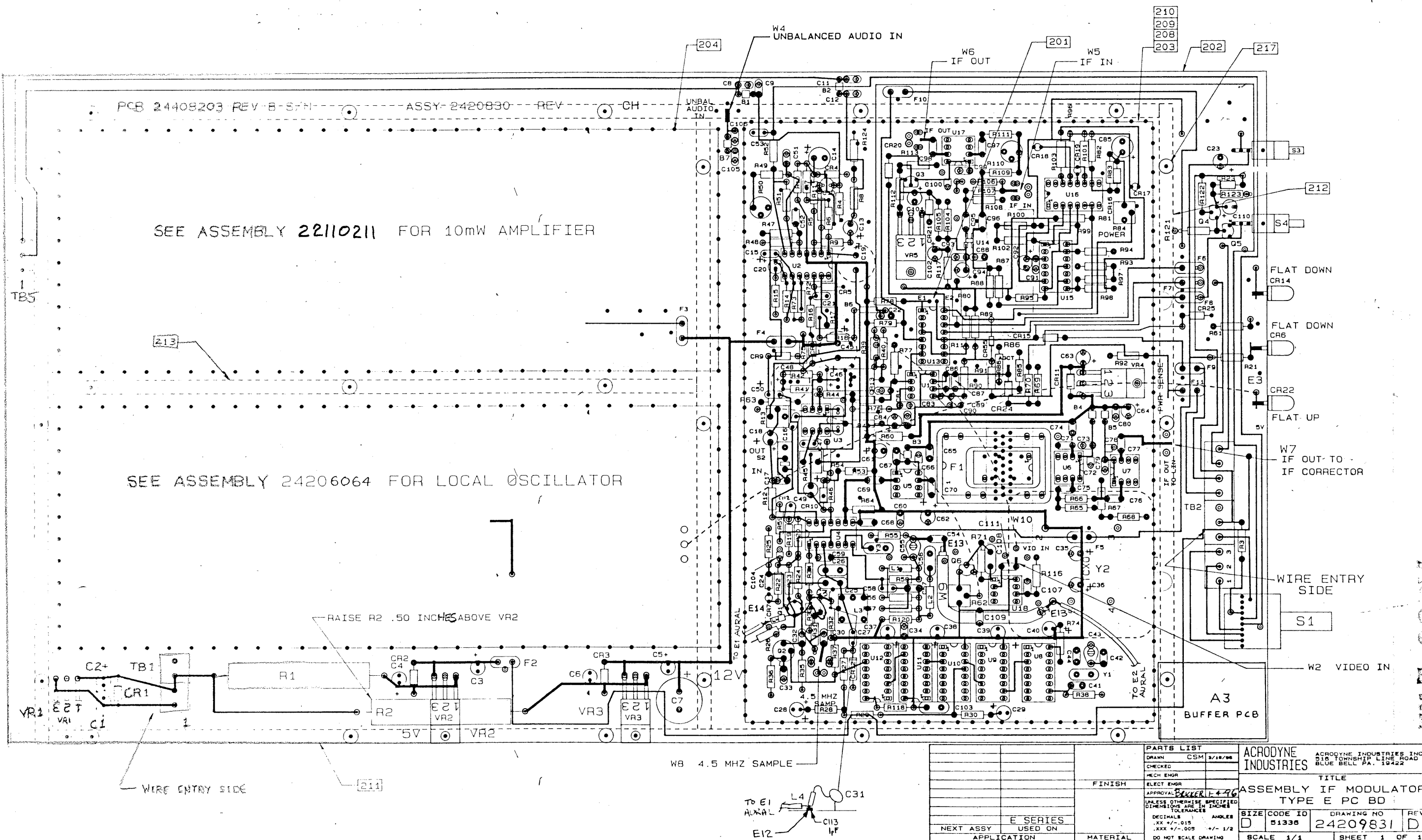
- EXTERNAL IF CORRECTOR CONNECTED BETWEEN J5 AND J6. IF NO CORRECTOR IS CONNECTED, PATCH CABLE IS PLACED BETWEEN J5 AND J6.

NTSC M/N

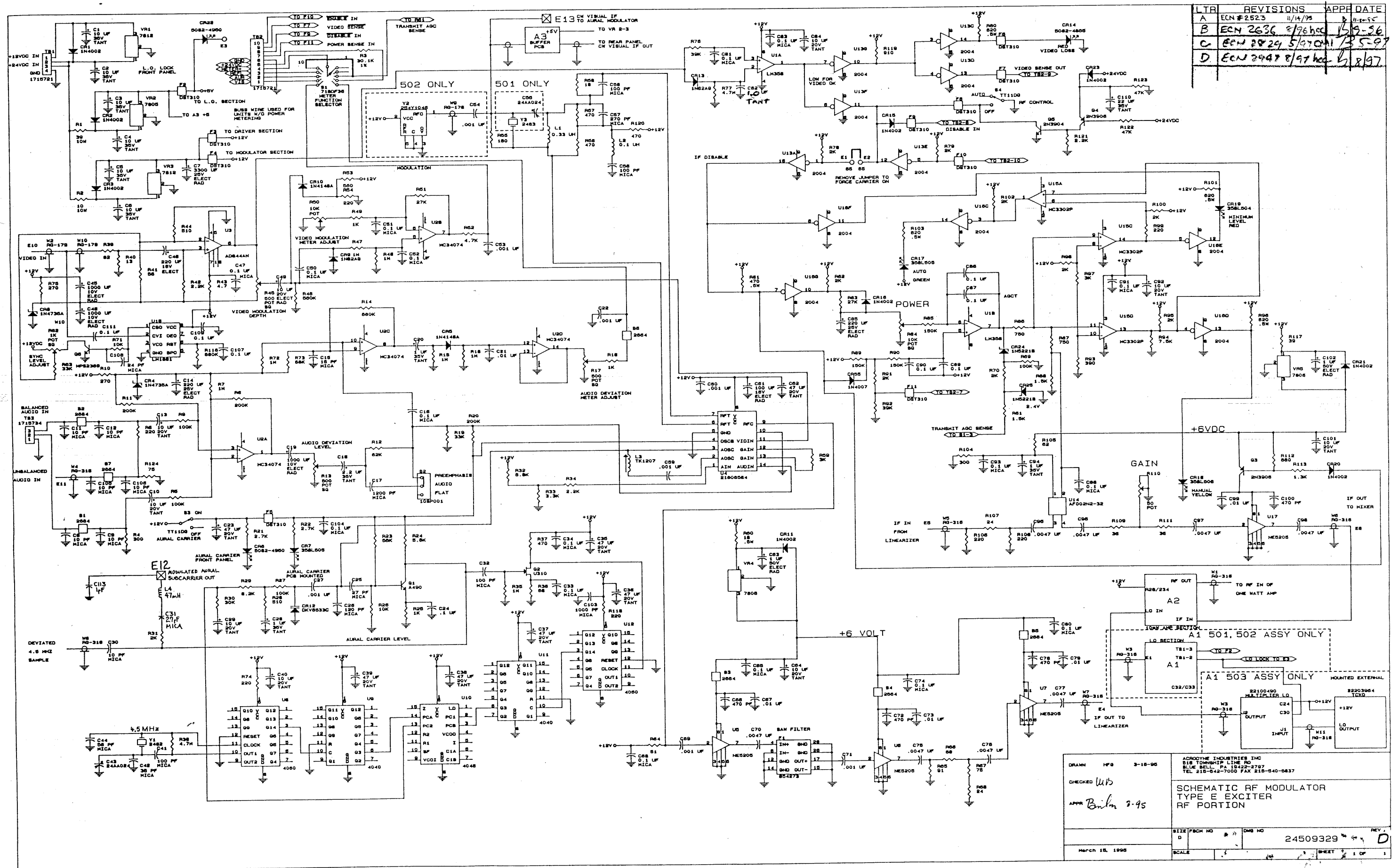
		PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	MTS 1/96				
		CHECKED		TITLE		WIRING DIAGRAM	
		MECH ENGR					
		ELECT ENGR		APPROVAL REVIEWER 1-4-96		EXCITER CHASSIS, SEPARATE V/A	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE		CODE ID	DRAWING NO.
		DECIMALS .XX +/- .01 .XXX +/- .005		ANGLES +/- 1/2		B 51336	22509963
NEXT ASSY		TLH/1K	USED ON	DO NOT SCALE DRAWING		SCALE	SHEET 1 OF 1
APPLICATION		MATERIAL					



REVISIONS				
TR	DESCRIPTION	DATE	APP	DATE
A	ECN 2636 (PL CHANGES)	8/96	hcc	8/96
B	ECN # 2829	5/27/97	cmi	
C	ECN 2947-8/97-		hcc	8/97
D	ECN 3034	3/98	HG	3/98



PARTS LIST		ACRODYNE INDUSTRIES		ACRODYNE INDUSTRIES INC.	
DRAWN	CSM 3/18/98	TITLE		316 TOWNSHIP LINE ROAD	
CHECKED		ASSEMBLY IF MODULATOR		BLUE BELL PA. 19422	
MECH ENGR		TYPE E PC BD			
ELECT ENGR		SIZE		DRAWING NO	
APPROVAL		D		24209831	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DO NOT SCALE DRAWING		SHEET 1 OF 1	
TOLERANCES		SCALE 1/1			
DECIMALS					
.XX +/- .015					
.XXX +/- .005					
DO NOT SCALE DRAWING					
FINISH		MATERIAL			
E SERIES					
NEXT ASSY USED ON					
APPLICATION					

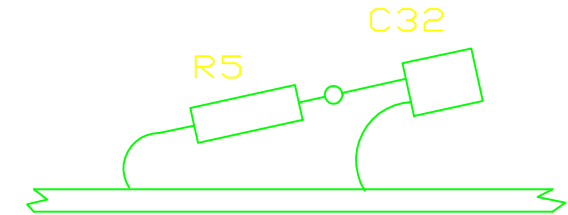
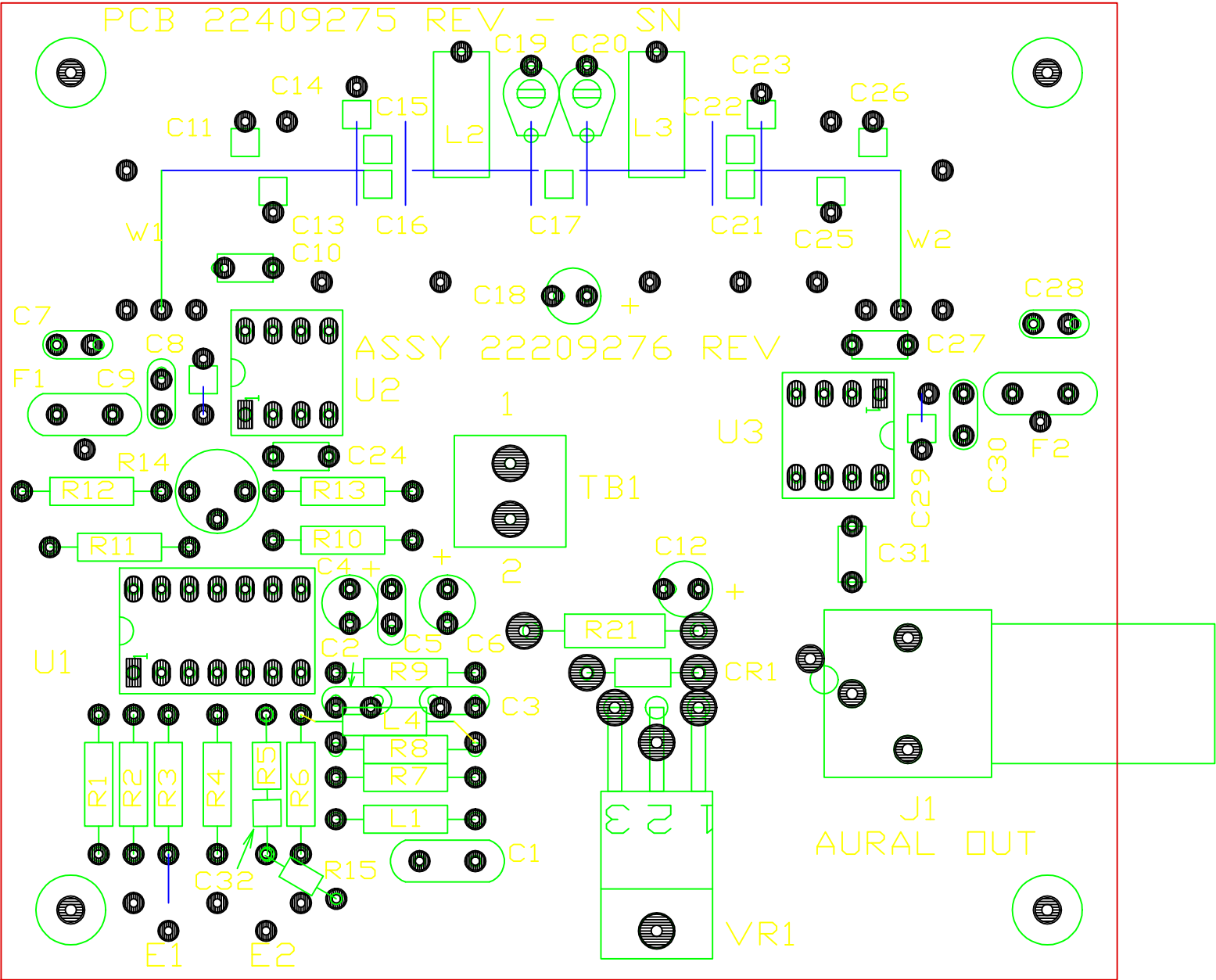


FILE COPY

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	SEE ECN 2274 CM			
B	SEE ECN 2527 MMC		MB	12/95
C	SEE ECN 2560 5/96	MTS	MB	5/95
D	ECN 2872-ADD -504 to -506-6/97	hcc	MB	6/97
E	REMOVED ASSY -504 THRU -506	JJC 9/98		
F	PL CHANGE, ECN 3321	JJC 1/99		

NOTE:

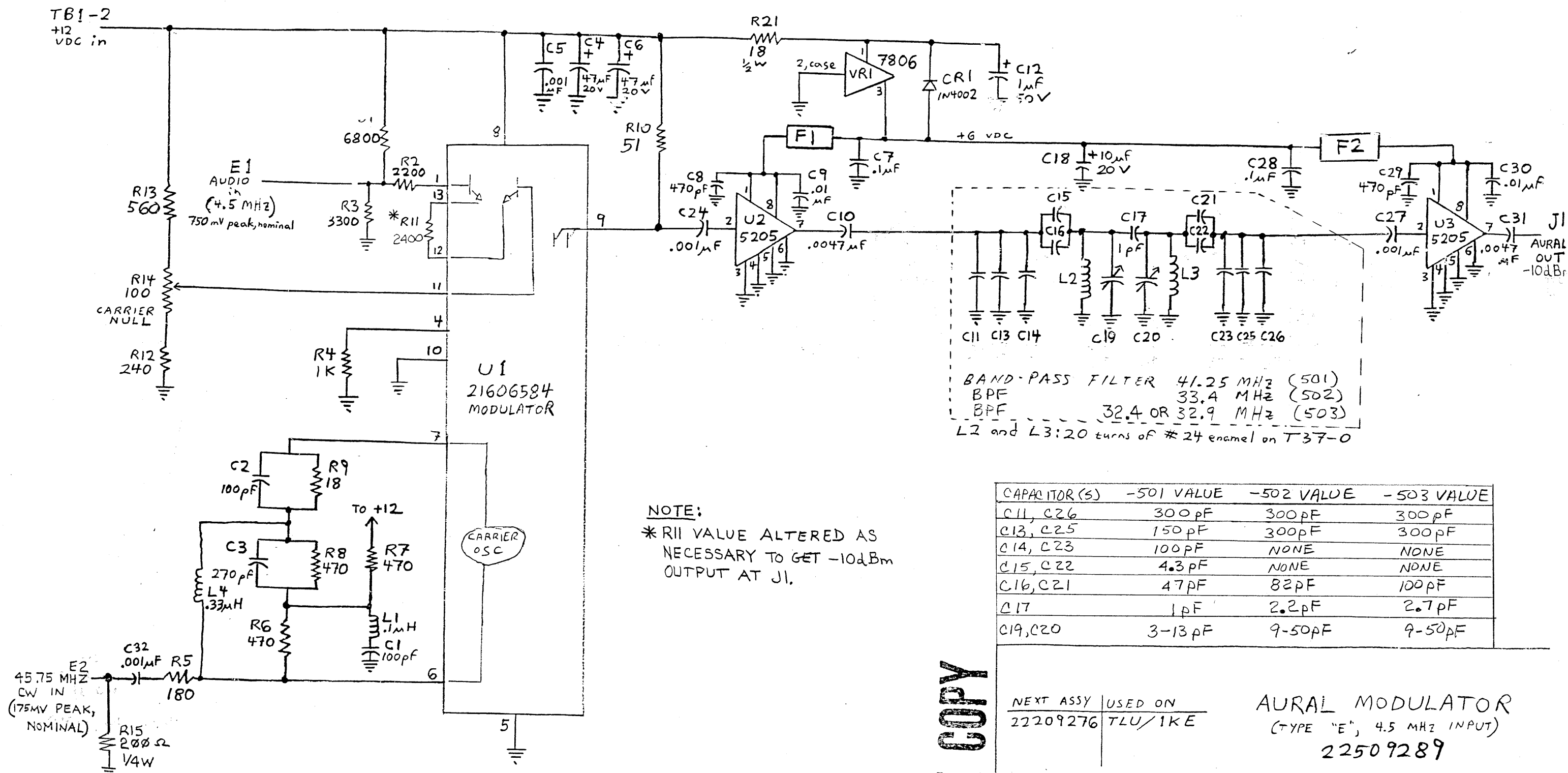
FOR -502 & -503 VERSIONS, C14,C23,C16, AND C21 ARE NOT USED.



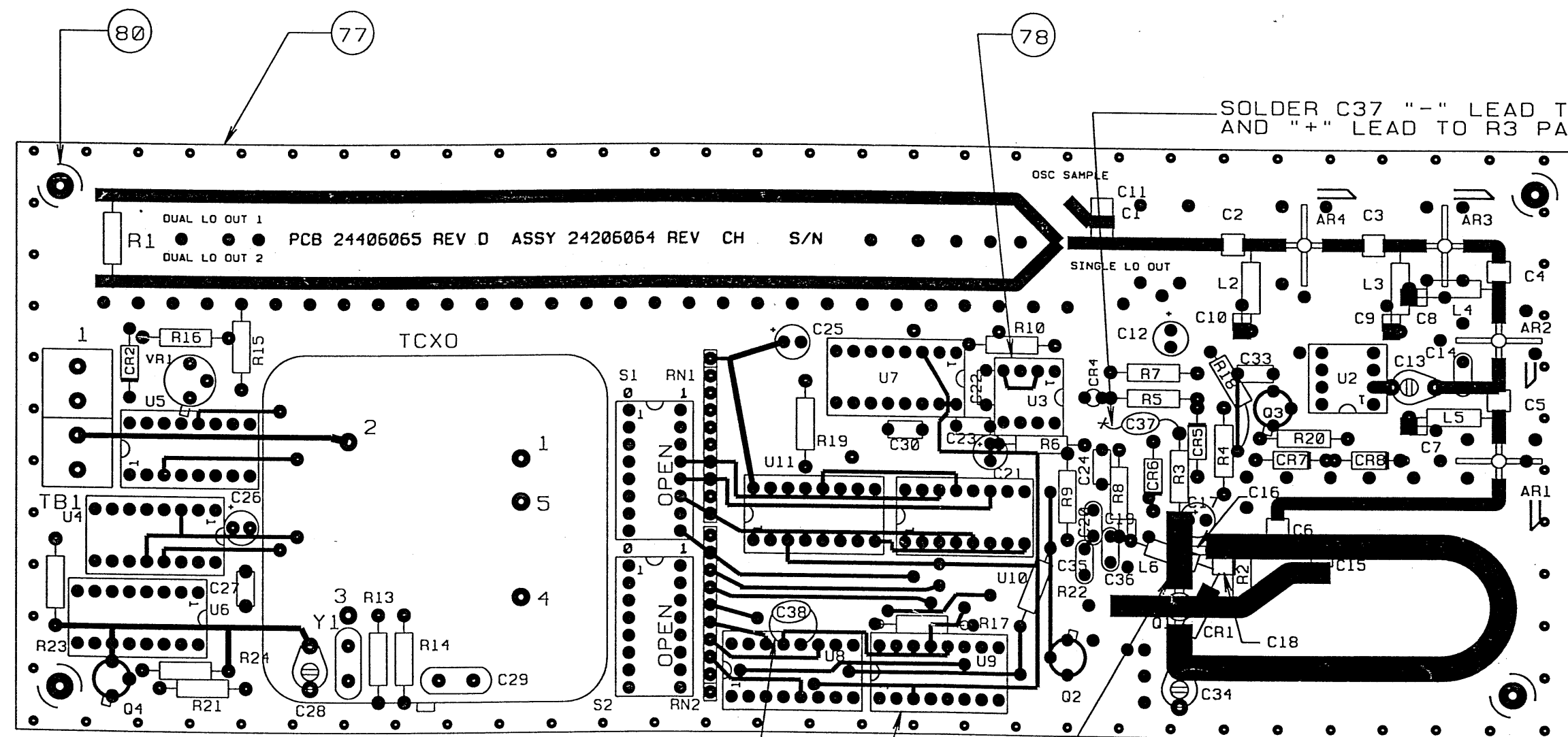
COMPONENT SIDE

		FINISH	PARTS LIST		ACRODYNE INDUSTRIES ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN	CSM 02/27/95				
			CHECKED		TITLE ASSEMBLY AURAL MODULATOR PCB			
			MECH ENGR					
			ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22209276 F			
			APPROVAL	MB 12/95				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE 1/1 SHEET 1 OF 1			
			DECIMALS	ANGLES				
			.XX +/- .015	+/- 1/2				
			.XXX +/- .005	+/- 1/2				
NEXT ASSY	USED ON		DO NOT SCALE DRAWING					
APPLICATION		MATERIAL						

REVISIONS				
LTR	DESCRIPTION	DWN	APP	DATE
A	SEE ECN 2274	CM		
B	SEE ECN 2527	MC	B	11-1-95
C	SEE ECN # 2560	MTS	B	4-96



REVISIONS			
LTR	DESCRIPTION	DRAWN	DATE
A	AS BUILT CHANGES.	CH	02/91
B	AS BUILT CHANGES.	CH	03/91
C	DELETED R18.	CH	04/92
D	ECN #2042.	CH	07/92
E	ECN #2116.	SGM	02/93
F	ECN #2134.	SGM	02/93
G	ECN #2574: CHANGED ITEM 23 TO "SBT".	HCC	08/96
H	ECN #2614: ITEM 18 PART NUMBER CHANGE.	HCC	08/96
I	ADDED -507 & -508 ASSEMBLY VERSIONS TO THE P.L.	MTS	02/98



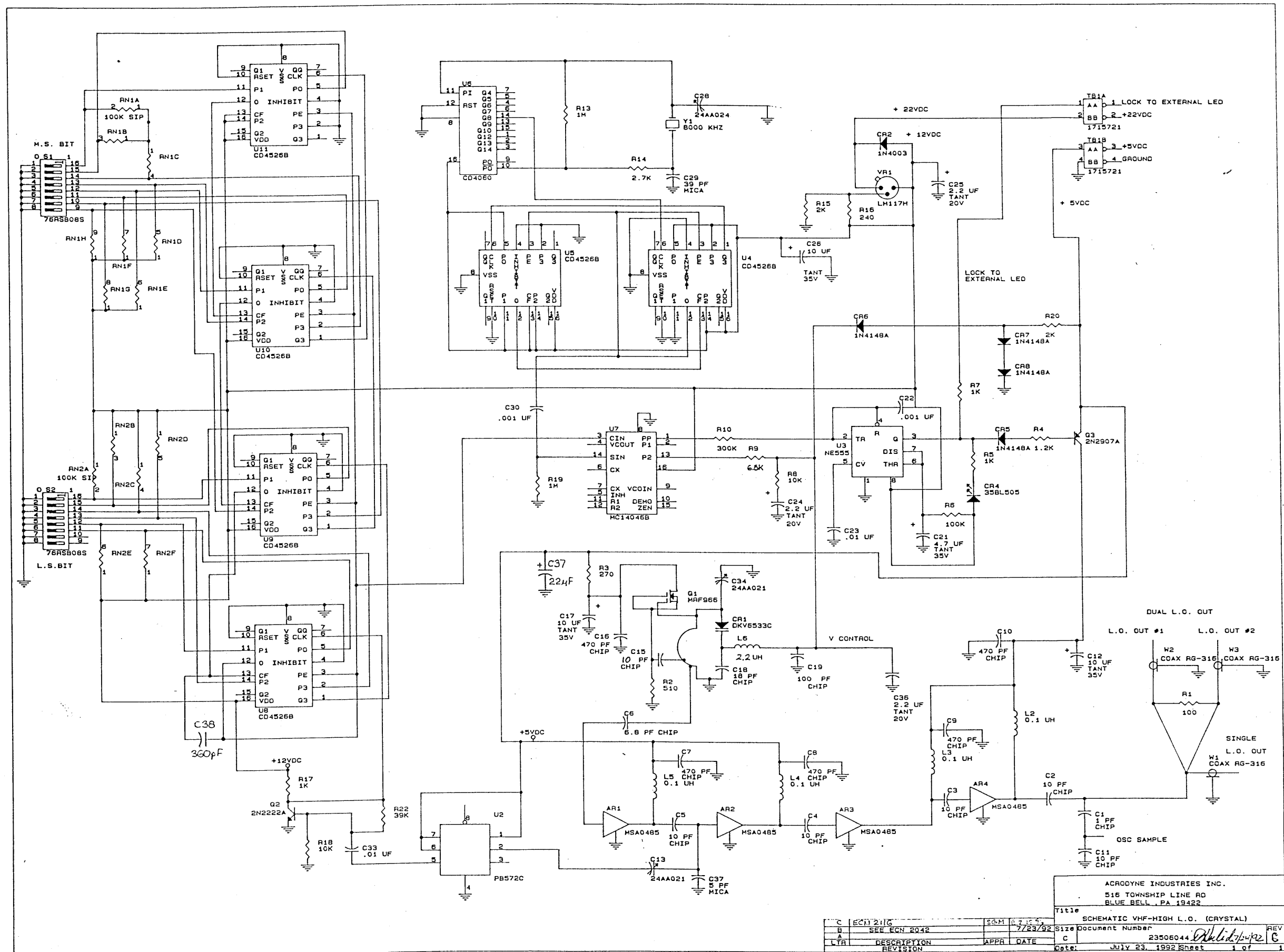
SOLDER C37 "-" LEAD TO GROUND PLANE,
AND "+" LEAD TO R3 PAD AS SHOWN.

SOLDER C38 LEADS TO U8 PADS
12 & 13 SOLDER SIDE.

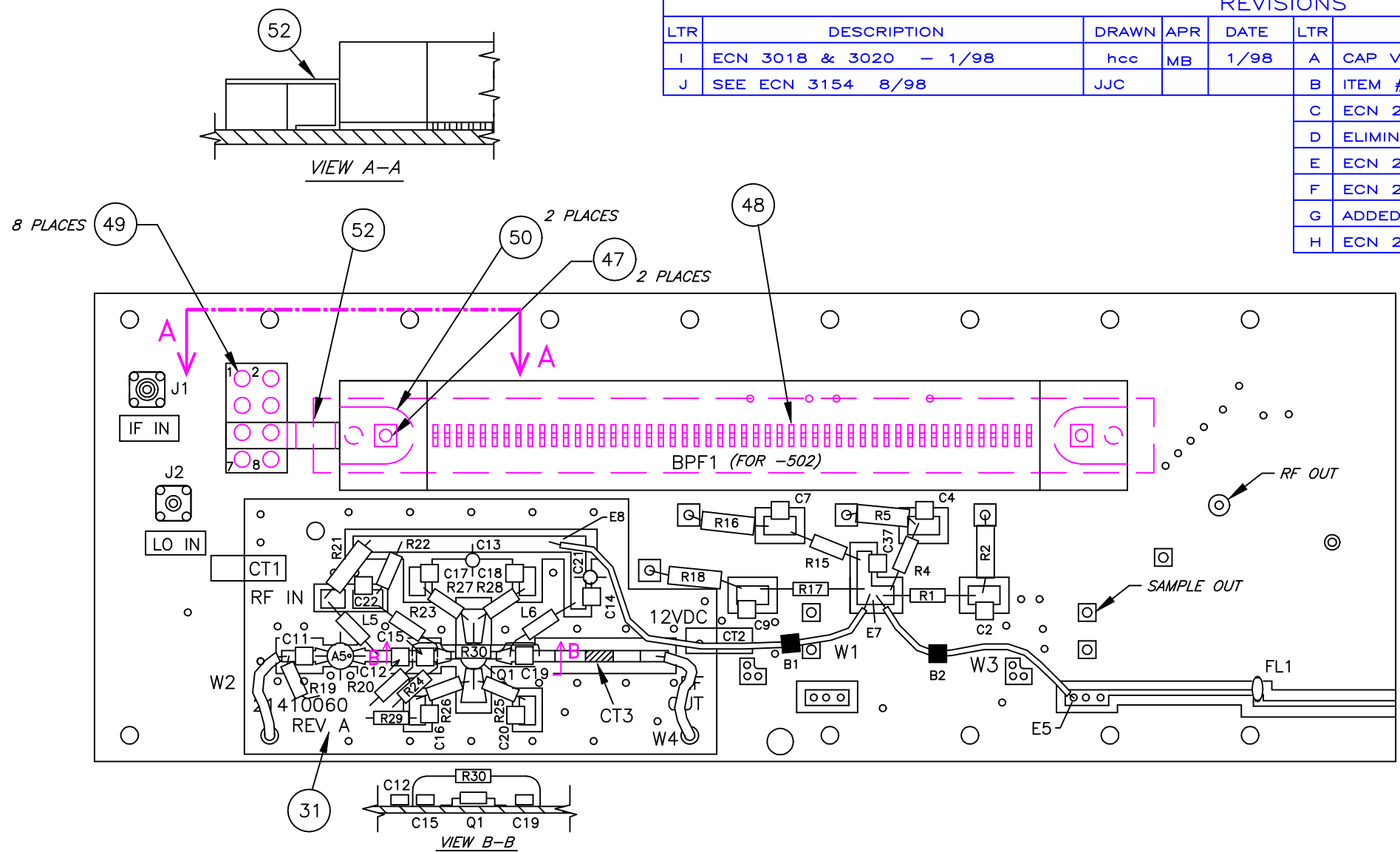
LONG TAB

PARTS LIST		ACRODYNE	
DRAWN	MTS 11/90	ACRODYNE INDUSTRIES, INC.	
CHECKED		310 TOWNSHIP LINE ROAD	
MECH ENGR		BLUE BELL, PA. 19722	
ELECT ENGR		TITLE:	
APPROVAL	TH 07/92	ASSEMBLY:	
UNLESS OTHERWISE SPECIFIED		HIGH L.O. PCB	
ALL DIMENSIONS IN INCHES		SIZE CODE 10	DRAWING NO.
DECIMALS	ANGLES	0 51336	24206064
XXX +/- .015	XXX +/- .005	SCALE	SHEET 1 OF 1
DO NOT SCALE DRAWING			

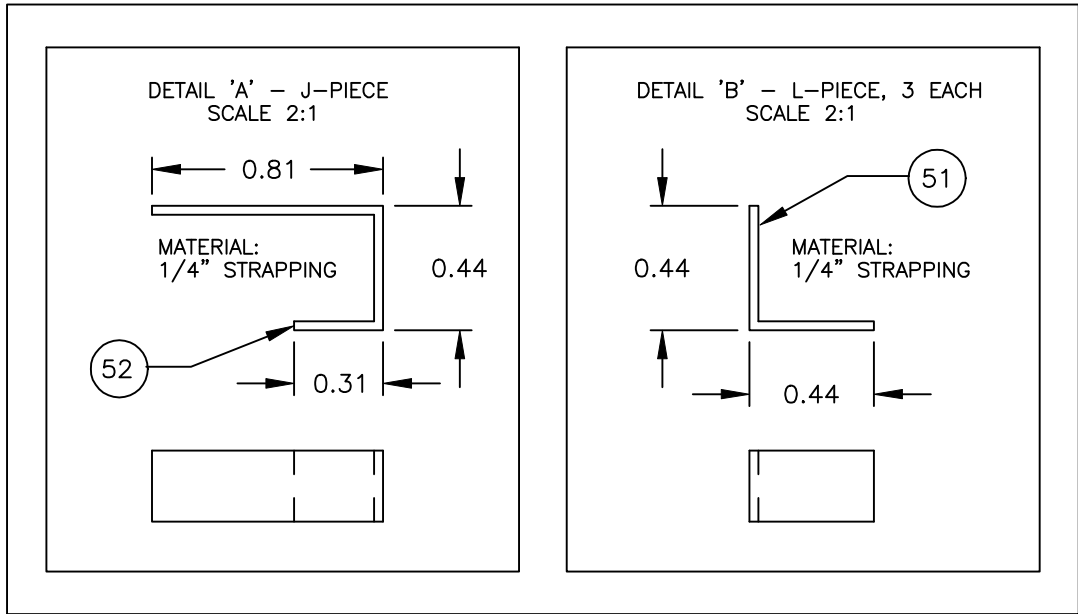
ALL COPY



23506044



REVISIONS									
LTR	DESCRIPTION	DRAWN	APR	DATE	LTR	DESCRIPTION	DRAWN	APR	DATE
I	ECN 3018 & 3020 - 1/98	hcc	MB	1/98	A	CAP VALUES CH'GED ON P/L (#4-7)	hcc	JB	5/96
J	SEE ECN 3154 8/98	JJC			B	ITEM #35 FIXED (P.L.)	hcc	JB	5/96
					C	ECN 2605	hcc	MB	6/96
					D	ELIMINATE DUPLICATE C13	CMI	MB	8/96
					E	ECN 2655	MTS	MB	11/96
					F	ECN 2675 (P/L) - 11/96	hcc	MB	11/96
					G	ADDED -503 (SEE P/L) - 6/97	HFG	MB	7/97
					H	ECN 2894-DRN ON ACAD-9/97	hcc	MB	1/98

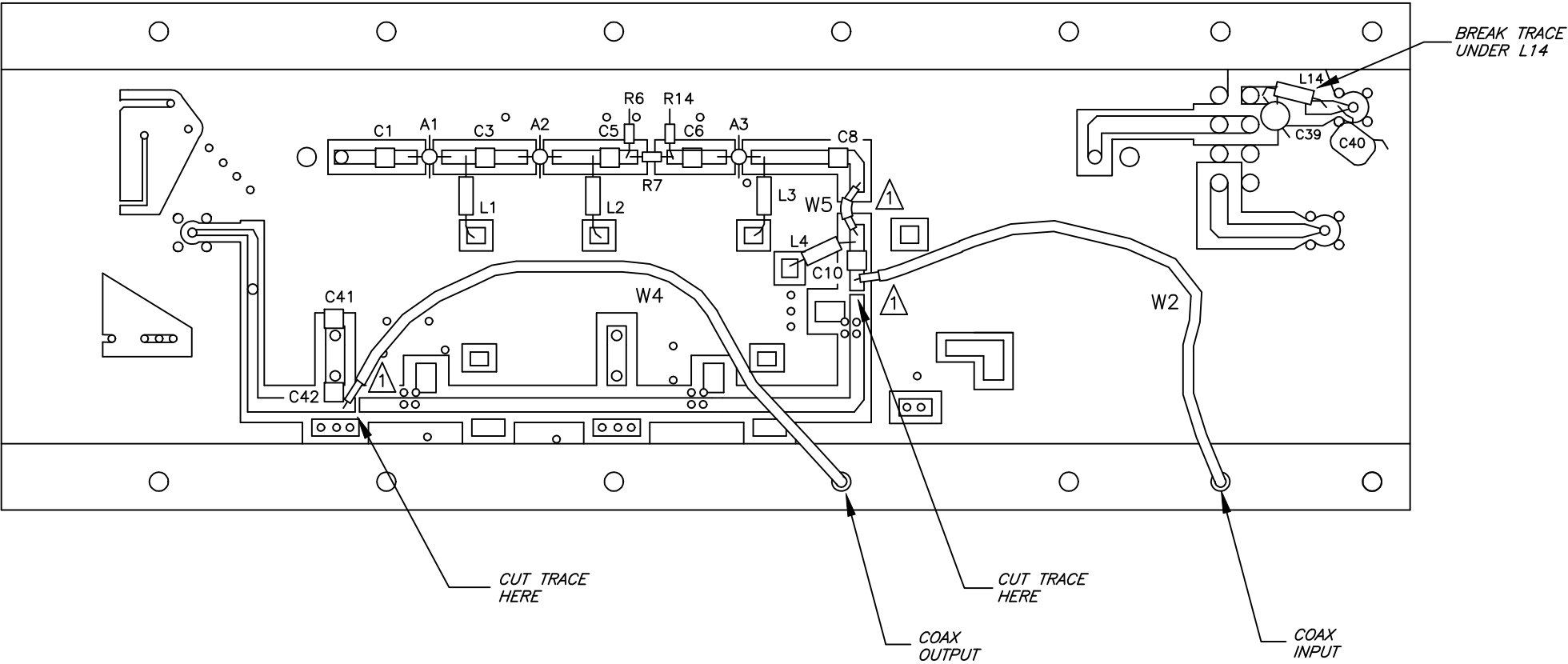


COMPONENT SIDE

-501,-502,-503

PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES, INC.	
DRAWN	hcc	7/96		516 TOWNSHIP LINE ROAD	BLUE BELL, PA. 19422
CHECKED	BROOKES				
MECH ENGR					
ELECT ENGR					
APPROVAL	BROOKES				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		TITLE		UPCONVERTER DRIVER PCB, CHANNELS 7-69	
DECIMALS	ANGLES	SIZE	CODE ID	DRAWING NO.	REV
.XX +/- .01		B	51336	22210211	J
.XXX +/- .005	+/- 1/2	SCALE		SHEET 1 OF 2	
DO NOT SCALE DRAWING					

REVISIONS									
LTR	DESCRIPTION	DRAWN	APR	DATE	LTR	DESCRIPTION	DRAWN	APR	DATE
I	ECN 3018 & 3020 - 1/98	hcc	MB	1/98	A	CAP VALUES CH'GED ON P/L (#4-7)	hcc	JB	5/96
J	SEE ECN 3154 8/98	JJC			B	ITEM #35 FIXED (P.L.)	hcc	JB	5/96
					C	ECN 2605	hcc	MB	6/96
					D	ELIMINATE DUPLICATE C13	CMI	MB	8/96
					E	ECN 2655	MTS	MB	11/96
					F	ECN 2675 (P/L) - 11/96	hcc	MB	11/96
					G	ADDED -503 (SEE P/L) - 6/97	HFG	MB	7/97
					H	ECN 2894-DRN ON ACAD-9/97	hcc	MB	1/98



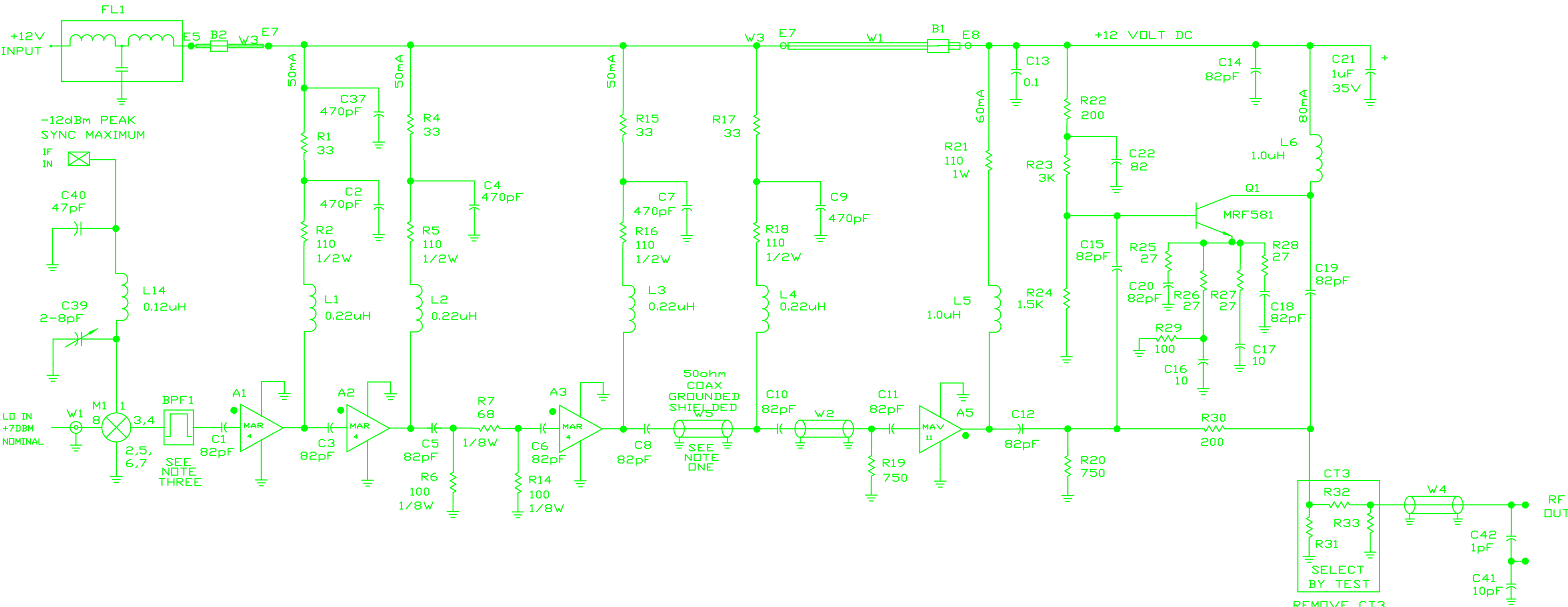
△1 - CUT BACK OUTER SHIELD 3/16". SOLDER END OF SHIELD TO GROUND PLANE OF P.C.B.

SOLDER SIDE

-501,-502,-503

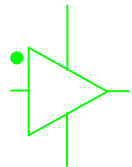
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	hcc					7/96
			CHECKED BROOKES						
			MECH ENGR			TITLE UPCONVERTER DRIVER PCB, CHANNELS 7-69			
		FINISH	ELECT ENGR						
			APPROVALBROOKES						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS		ANGLES	SIZE	CODE ID	DRAWING NO.	REV
		.XX +/- .01							
		.XXX +/- .005		+/-	1/2	B	51336	22210211	J
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SCALE		SHEET 2 OF 2	
APPLICATION		MATERIAL							

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
	SEE PAGE 1			



NOTES...

1) COAX MAY BE REPLACED BY A4 MAR 4 (SBT).



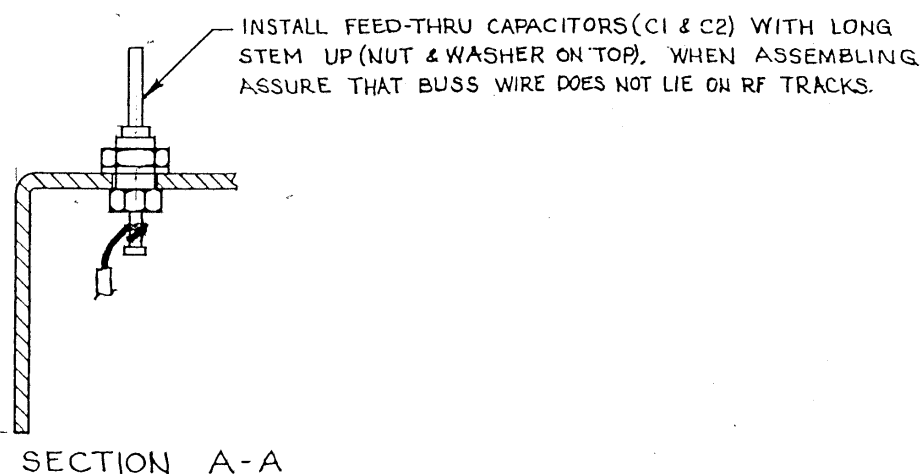
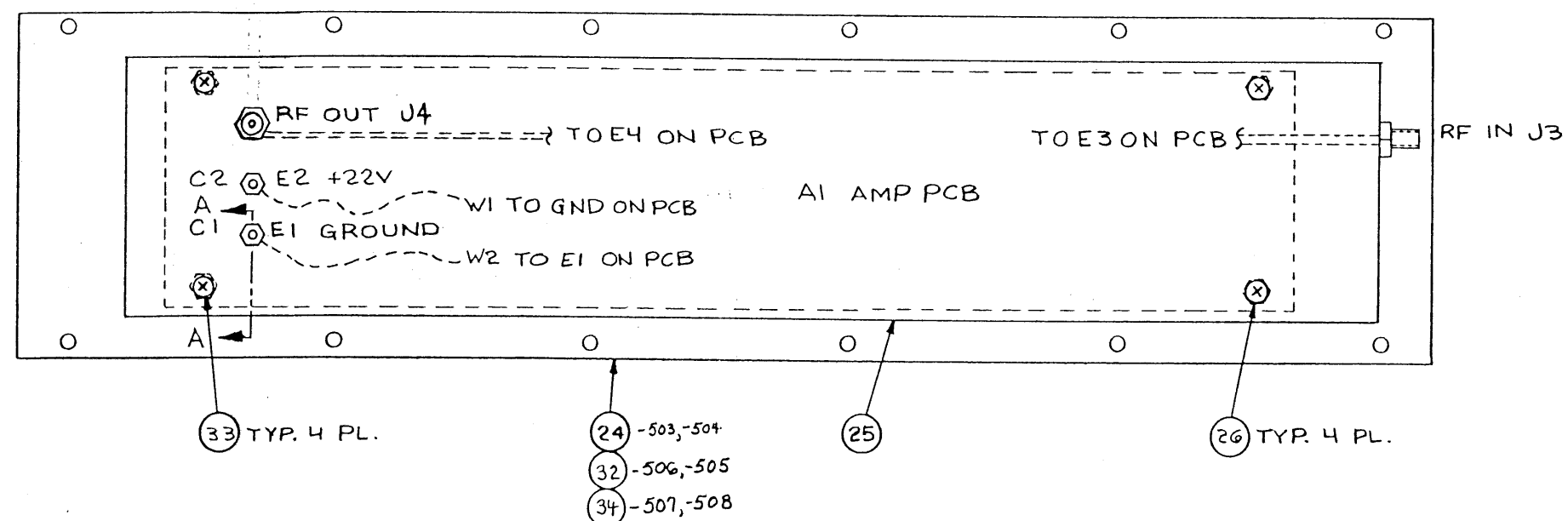
2) INDEX MARK "●" PER COMPONENT LABELING

3) FOR -503, BPF1, THE BANDPASS FILTER, IS EXTERNAL.

-502 & 503: CHANNELS 7-69 (174-860MHZ)

		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN	hcc 4/10/96		
		CHECKED	Brookes 4/19/96	TITLE UP CONVERTER DRIVER, SCHEMATIC	
		MECH ENGR			
		ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22510194 F	
		APPROVAL			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE SHEET 2 OF 2	
		DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2			
22210211					
NEXT ASSY USED ON					
APPLICATION		MATERIAL			
		DO NOT SCALE DRAWING			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
	SEE PAGE 1			



ASSY	PAGE		
501	1	509	3
502	1	510	3
503	2		
504	2		
505	2		
506	2		
507	2		
508	2		

CIRCLED NO. FOR MFG. USE ONLY

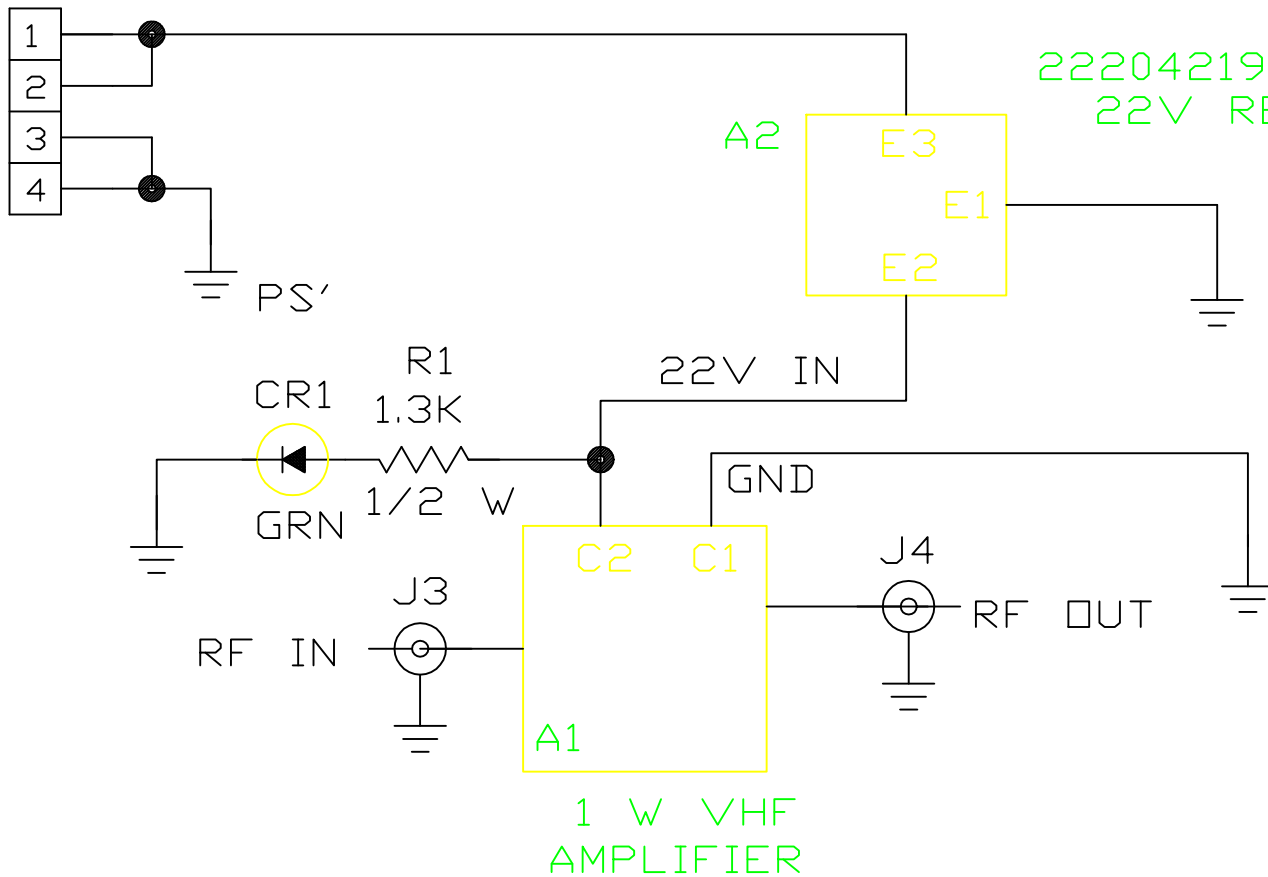
24103876 UHF TRAY RF/C NEXT ASSY USED ON		FINISH	PARTS LIST DRAWN G. D. 4/24/84 CHECKED MECH ENGR 4/27/84 ELEC ENGR		ACRODYNE INDUSTRIES Acrodyne Industries Inc. 516 Township Line Road Blue Bell, Pennsylvania 19422	
			APPROVAL 4/27/84 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX ± .XX .XX ± .XX 1/2° DO NOT SCALE DRAWING			
APPLICATION		MATERIAL		SIZE CODE IDENT C 51336		DRAWING NO. 23203934
				SCALE 1/1		SHEET 2 OF 3

FILE COPY

LTR	DESCRIPTION	DRAWN	APR	DATE
-----	-------------	-------	-----	------

DATE

22204219-504
22V REG.



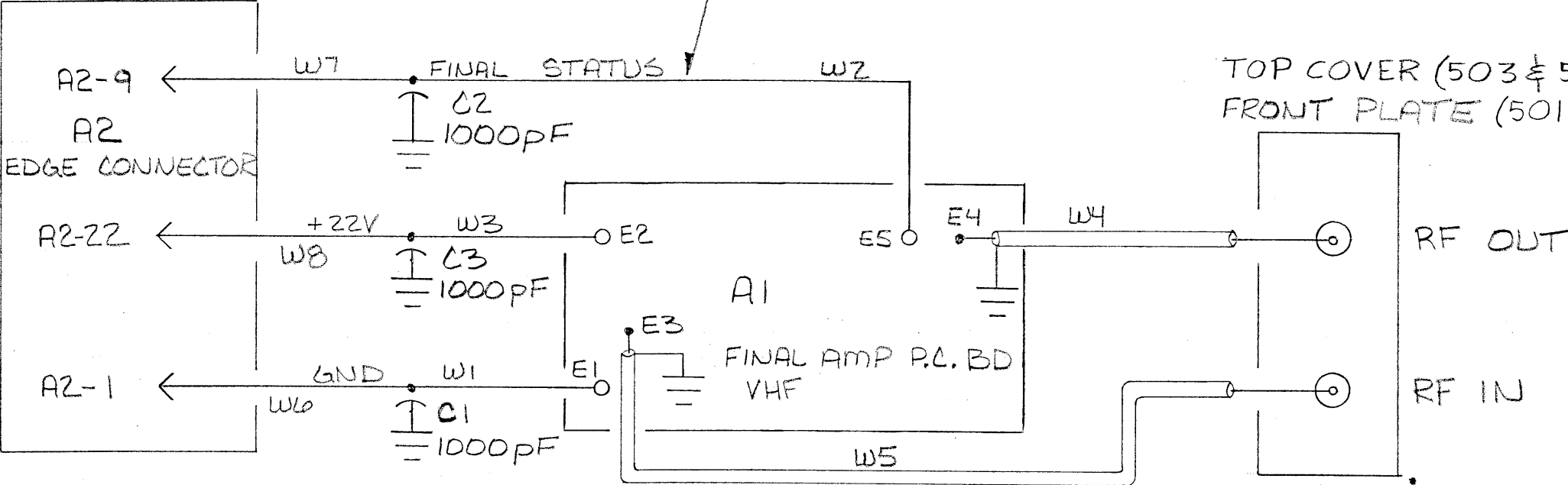
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	SJT					9/26/95
			CHECKED						
			MECH ENGR						
		FINISH	ELECT ENGR			TITLE 1 WATT AMPLIFIER DRAWER			
			APPROVAL						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS		ANGLES				
			.XX +/- .01			SIZE	CODE ID	DRAWING NO.	REV
			.XXX +/- .005		+/- 1/2	A	51336	21509841	—
NEXT ASSY		USED ON				SCALE		SHEET 1	OF 1
APPLICATION		MATERIAL	DO NOT SCALE DRAWING						

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ADDED CIRCUIT INFO FOR 503 & 504	B.D	<i>[Signature]</i>	4/25/88
B	ADDED STATUS AND GND	KH	<i>[Signature]</i>	7/8/97

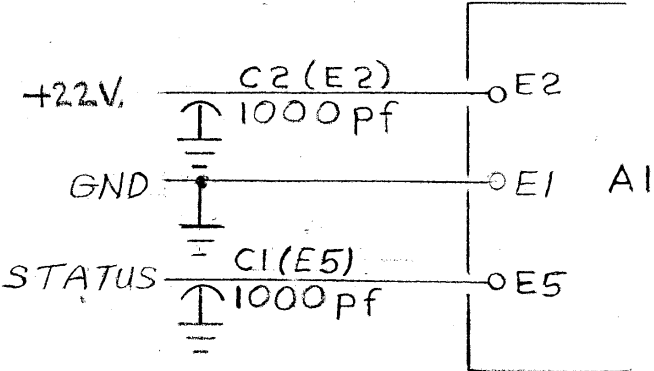
NOT REQUIRED FOR 503 & 504 ASSY.
SEE ALTERNATE DIAGRAM

CONNECTION NOT REQUIRED FOR 503 & 504 ASSY.

TOP COVER (503 & 504 ASSY).
FRONT PLATE (501 & 502 ASSY.)

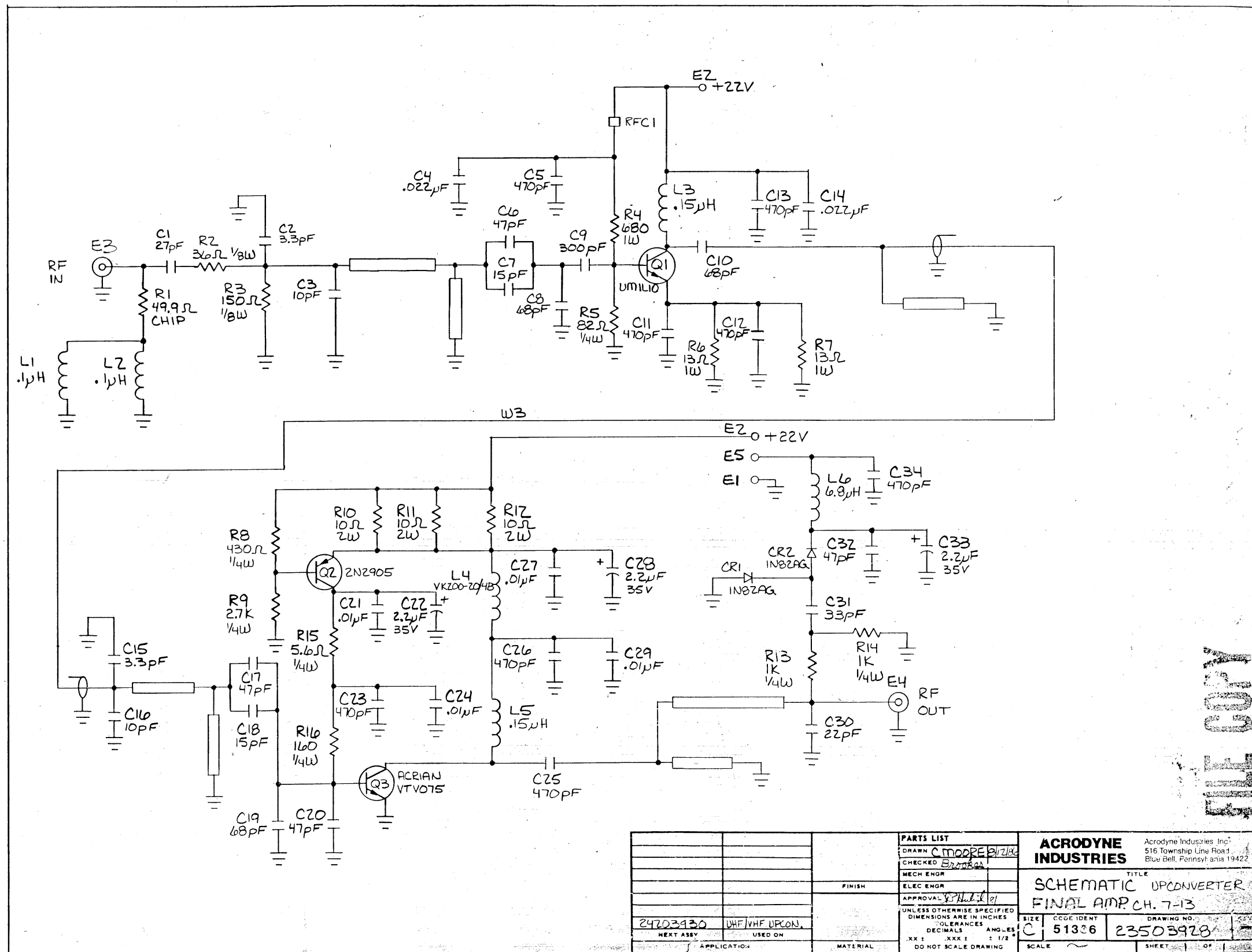


ALTERNATE DIAGRAM (503 & 504)
(E2, E1 CONNECTIONS)

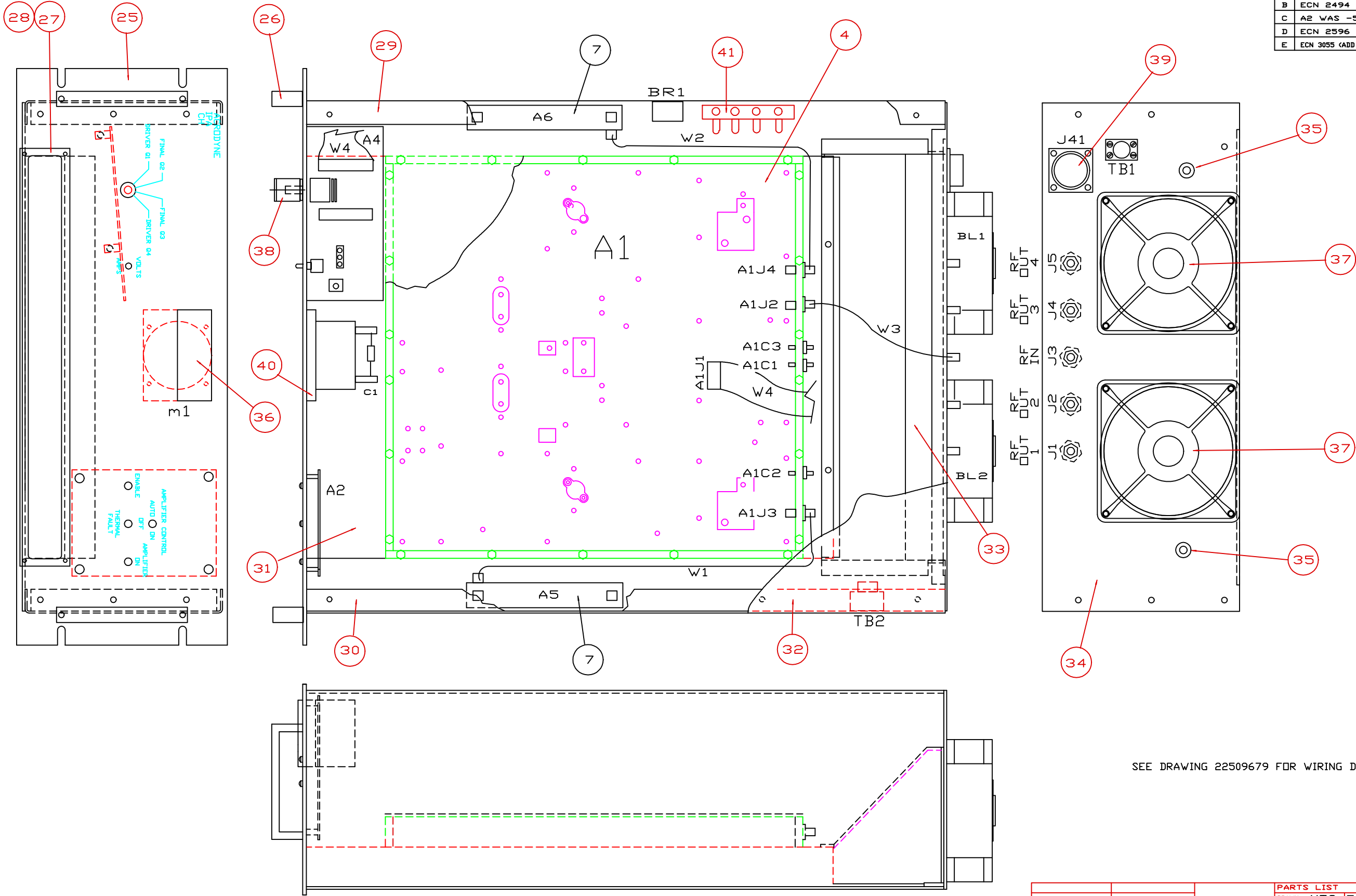


			PARTS LIST		ACRODYNE INDUSTRIES		Acrodyne Industries Inc 516 Township Line Road Blue Bell, Pennsylvania 19422	
			DRAWN CMOORE	12/30/86				
			CHECKED Brooks		TITLE			
			MECH ENGR [Signature]					
		FINISH	ELEC ENGR [Signature]	2/24/87	SCHEMATIC UPCONVERTER			
			APPROVAL [Signature]	1/2/87				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX ± .XXX ± ± 1/2° DO NOT SCALE DRAWING		1 WATT AMP (VHF)			
24103876	TLH/10T							
24103987	TRL1				SIZE	CODE IDENT	DRAWING NO.	REV
NEXT ASSY	USED ON				B	51336	22504185	B
APPLICATION		MATERIAL			SCALE ~		SHEET 1 OF 1	

COPY FILE

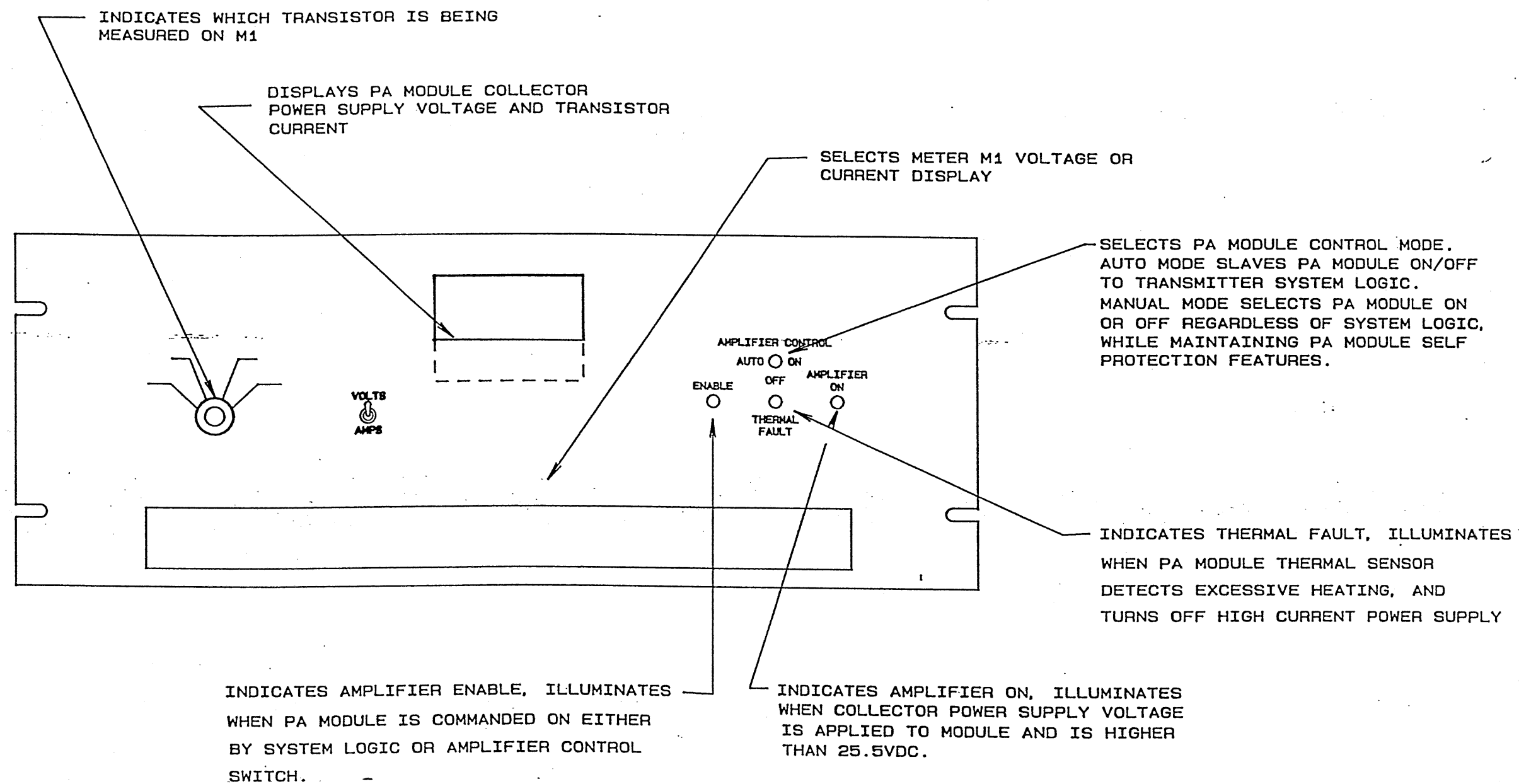


REVISIONS					
LTR	DESCRIPTION	DATE	DRAWN	APR	DATE
A	ADDED -502 ASSY.	7/95	MTS		
B	ECN 2494	11/13/95	MTS	B	11/95
C	A2 WAS -502	12/95	MTS		
D	ECN 2596 (TB1 MOVED)	5/96	hcc	B	5/96
E	ECN 3055 (ADD RF IN/OUT DESIGNATIONS)		HFG 3/98		



- 502

				PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. S16 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
				DRAWN MTS 7/95					
				CHECKED					
				MECH ENGR					
		FINISH		ELECT ENGR		TITLE CHASSIS ASSEMBLY DUAL QUADRATURE PHASE VHF AMP			
				APPROVAL					
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
				DECIMALS ANGLES .XX +/- .015 .XXX +/- .005 +/- 1/2					
NEXT ASSY		USED ON		DO NOT SCALE DRAWING		SIZE C	CODE ID 51336	DRAWING NO. 23209084	REV E
APPLICATION		MATERIAL				SCALE		SHEET 2 OF 2	



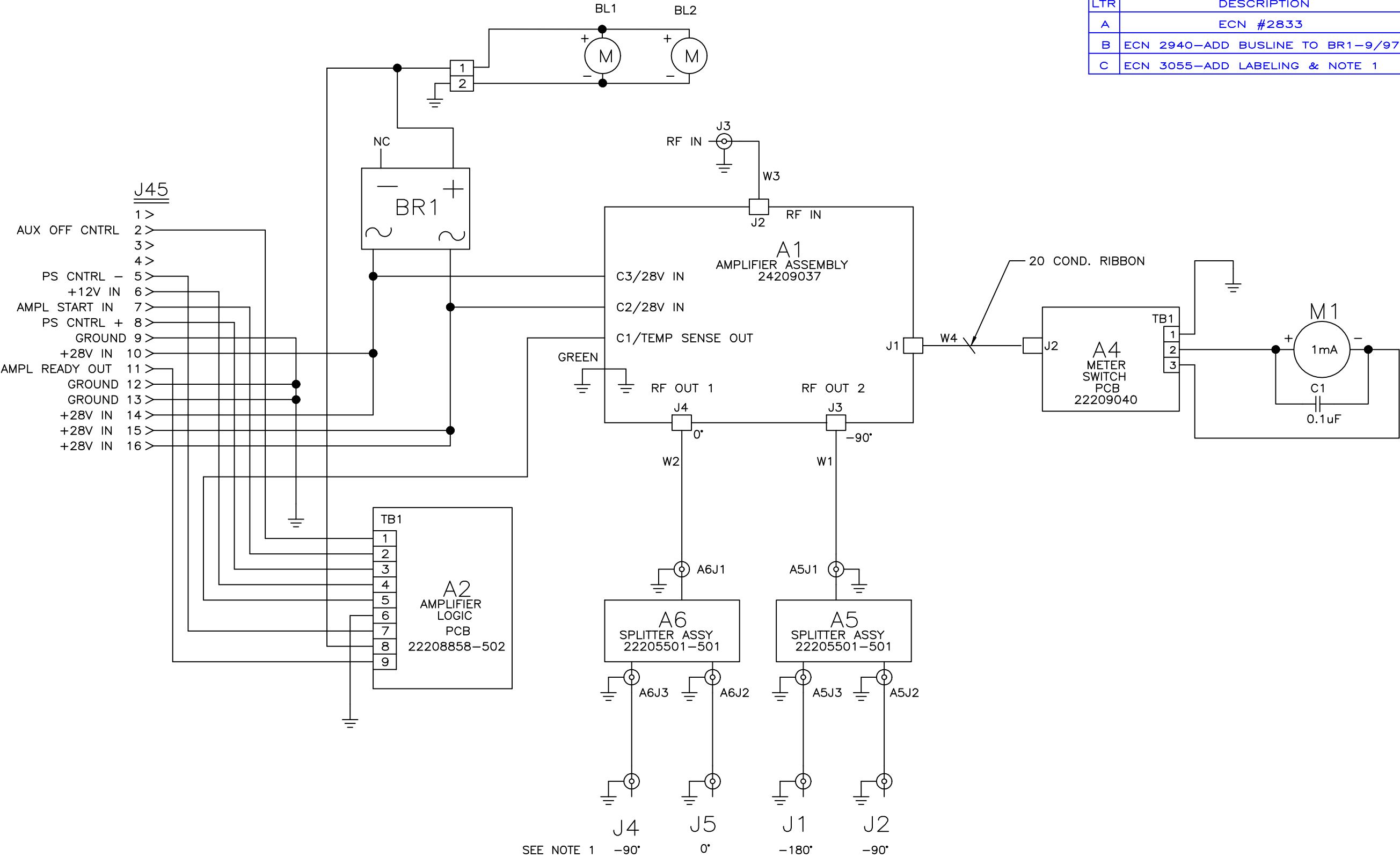
REVISIONS			
LTR	DESCRIPTION	DRAWN	APR DATE

		PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 515 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
		DRAWN YMP	12/22/94		
		CHECKED CM	12/29/94	TITLE CONTROLS AND INDICATORS IPA DRAWER	
		MECH ENGR			
		ELECT ENGR		SIZE CODE ID DRAWING NO. REV	
		APPROVAL			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		B 51336 22009163	
		DECIMALS ANGLES			
		.XX +/- .01		SCALE 1 OF 1	
		.XXX +/- .005 +/- 1/2			
NEXT ASSY	USED ON	DO NOT SCALE DRAWING			
APPLICATION	MATERIAL				

MANUAL MASTER

REVISIONS

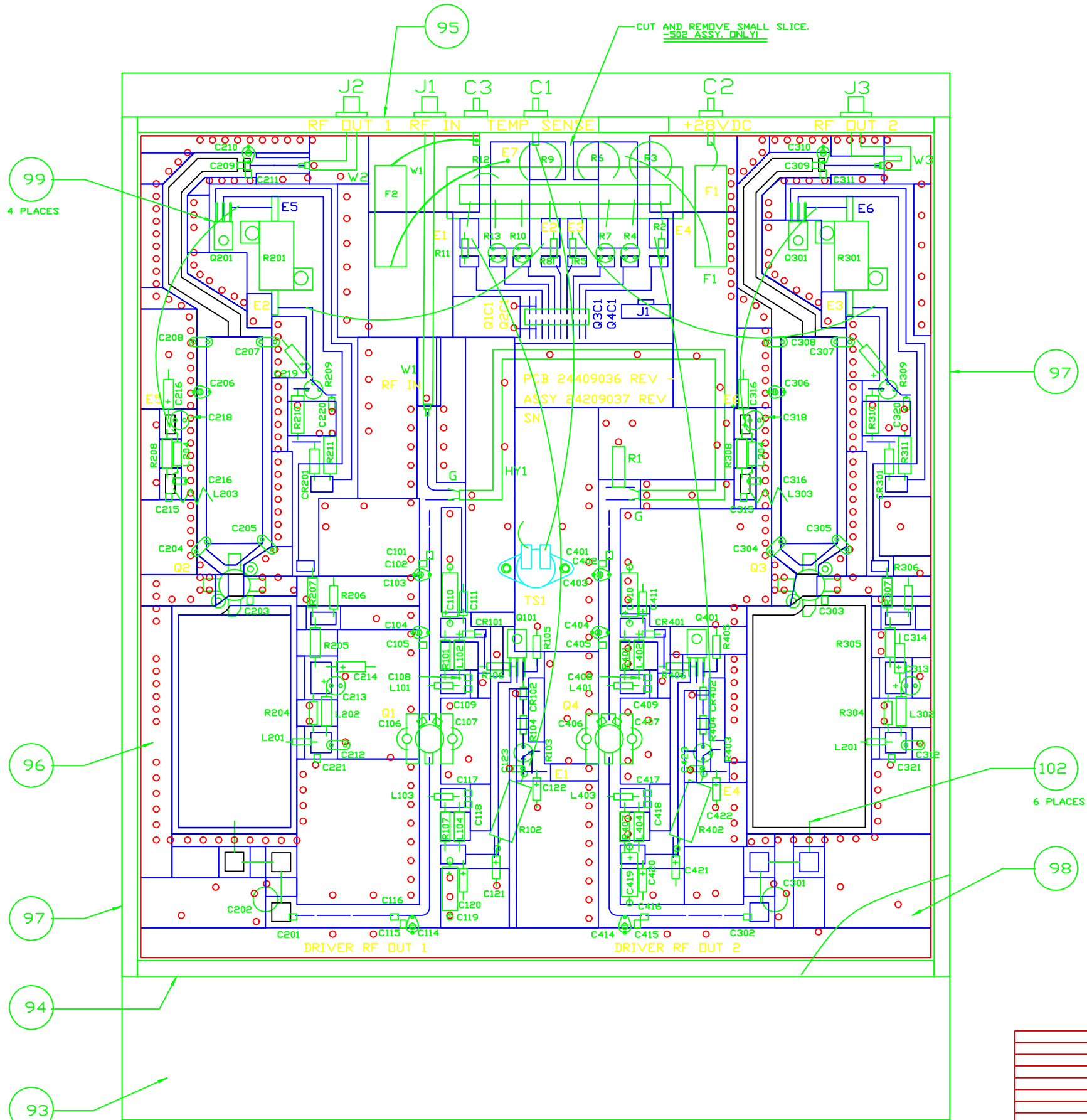
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN #2833	DRAWN	MB	4/97
B	ECN 2940-ADD BUSLINE TO BR1-9/97	hcc	MB	10/97
C	ECN 3055-ADD LABELING & NOTE 1	HFG 3/98		



NOTES:
1. OUTPUT SIGNAL PHASE REFERENCES ARE RELATIVE TO RF OUTPUT 4, J5.

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	HFG					9/95
			CHECKED						
			MECH ENGR						
		FINISH	ELECT ENGR		TITLE WIRING DIAGRAM,DUAL QUAD PHASE VHF AMP DRAWER				
			APPROVAL MB						9/95
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZECODE IDDRAWING NO.REV B5133622509679C				
			DECIMALS ANGLES						
			.XX +/--.01						
			.XXX +/--.005 +/- 1/2						
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 		SHEET 1 OF 1		
APPLICATION		MATERIAL							

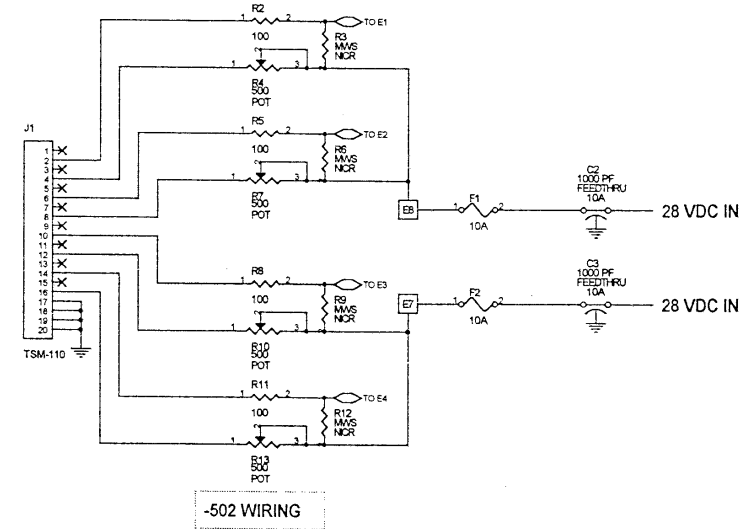
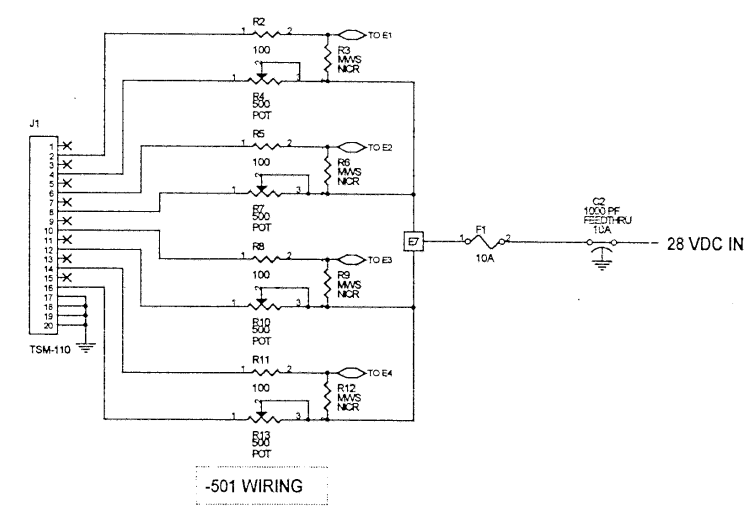
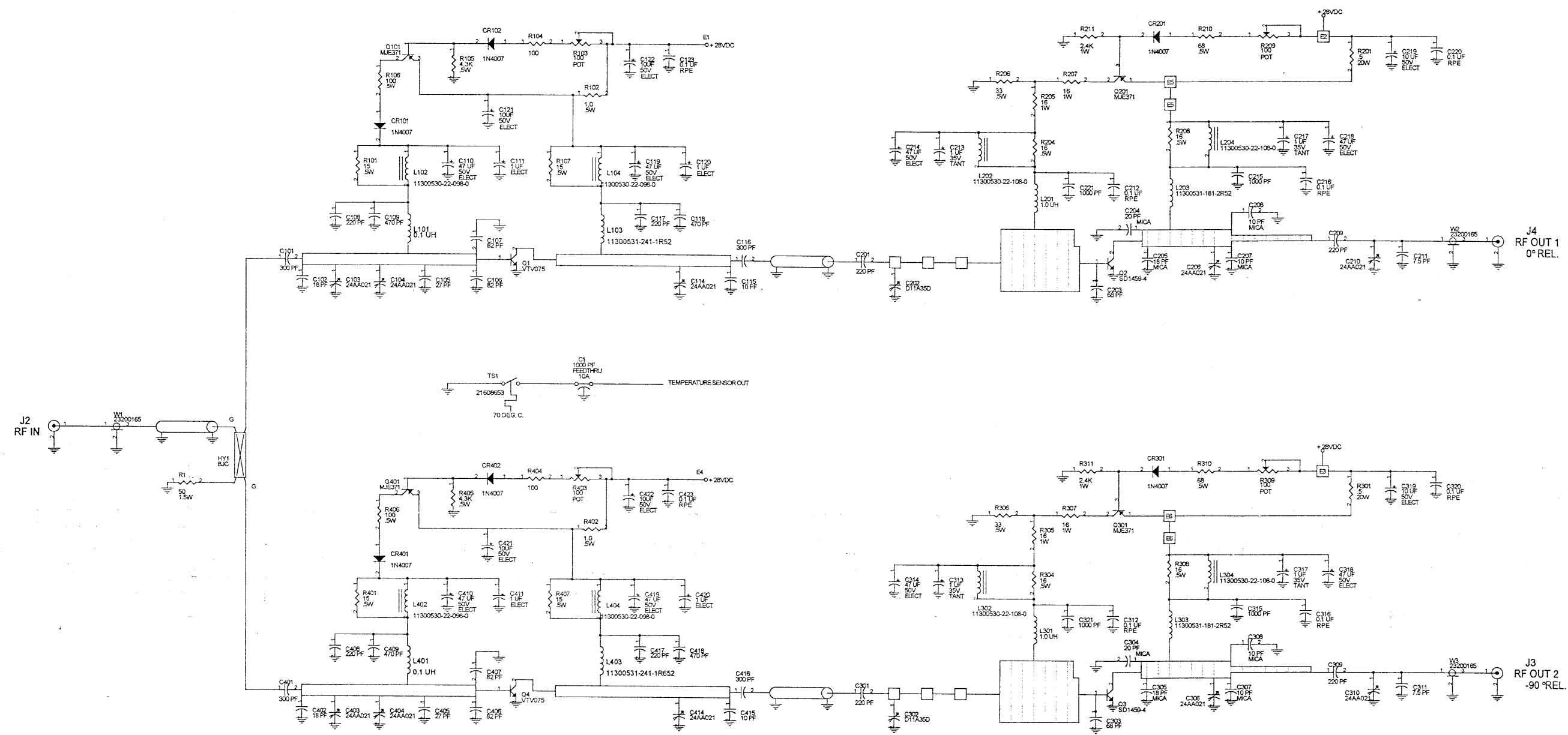
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502 ASSY.	MTS		



NOTES:
1. C3 AND F2 FOR -502 ASSY. ONLY!

PARTS LIST		ACRODYNE INDUSTRIES	
DRAWN	CSM 18/81/94	ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
CHECKED		TITLE	
MECH ENGR		ASSEMBLY DUAL 30	
ELECT ENGR		WATT IPA PCB	
APPROVAL		SIZE	CODE ID
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		D	51336
DECIMALS	ANGLES	DRAWING NO.	REV
.XX +/- .015		24209037	A
.XXX +/- .005	+/- 1/2	SCALE	SHEET 1 OF 1
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	
APPLICATION	MATERIAL		

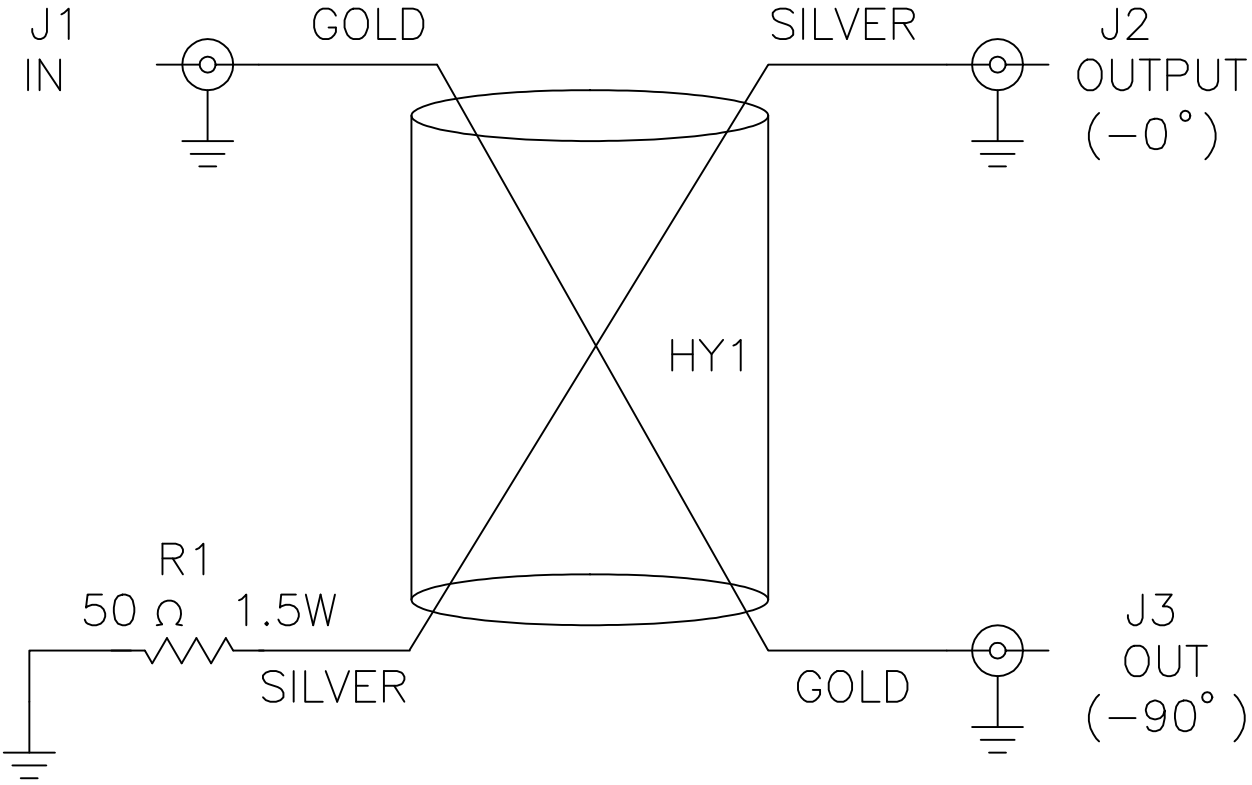
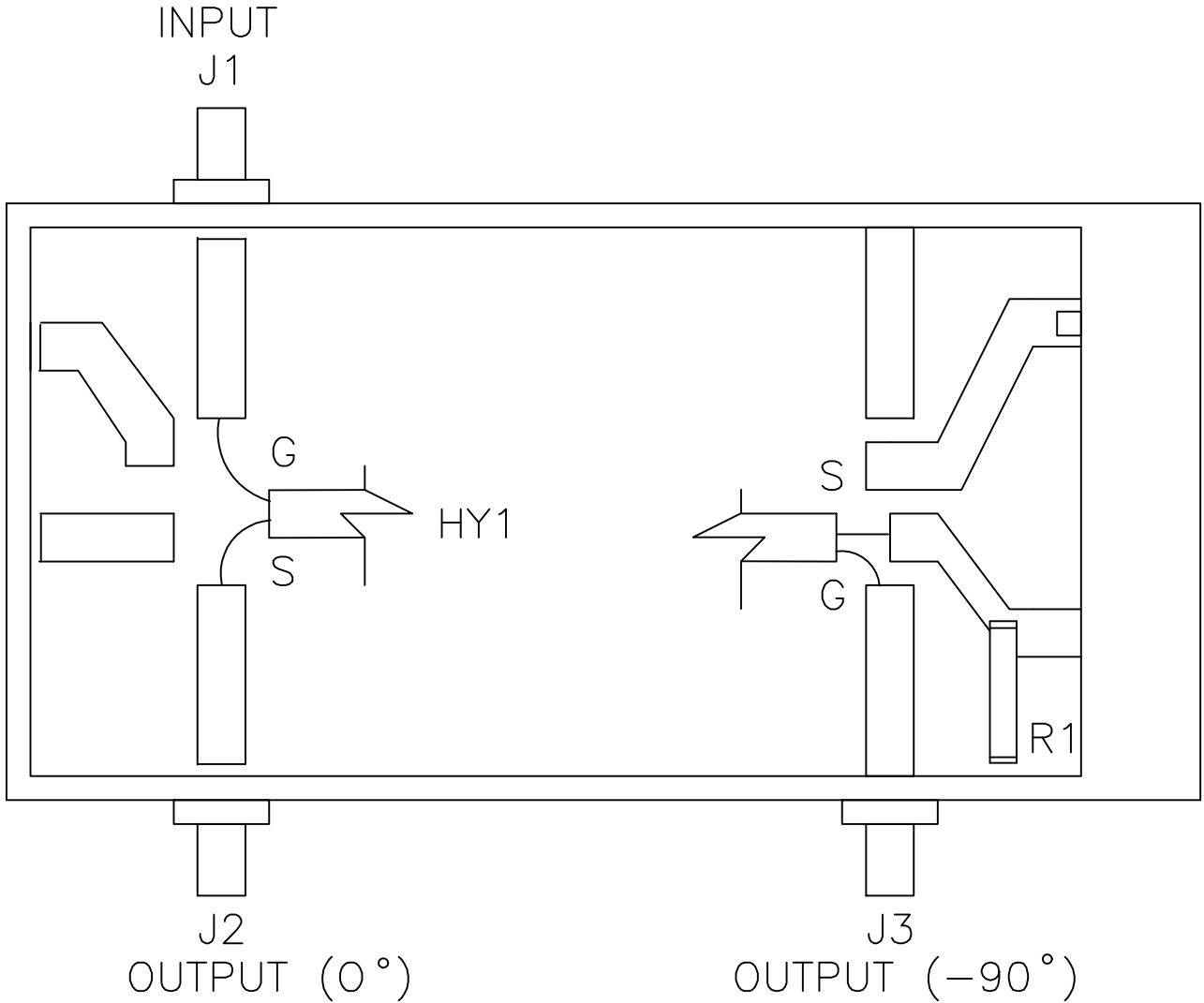
C112 C113
C412 C413



DRAWN BY: MMC DATE: 10/25/95		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2797 TEL 215-542-7000 FAX 215-540-5837	
CHECKED BY: MB DATE: 11/1/95		SCHEMATIC, DUAL QUADRATURE PHASE VHF AMPLIFIER HEATSINK	
APPROVED BY: MB DATE: 11/1/95		Size: D	Rev: A
NEXT ASSY - 24209037		51336	24509058
Thursday, March 26, 1998		Sheet	1 of 1

FILE COPY

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -502	MTS		
B	ADDED -503	CMI	MB	6/96
C	ECN 2888 - NEW CHART, ACAD - 8/97	hcc		

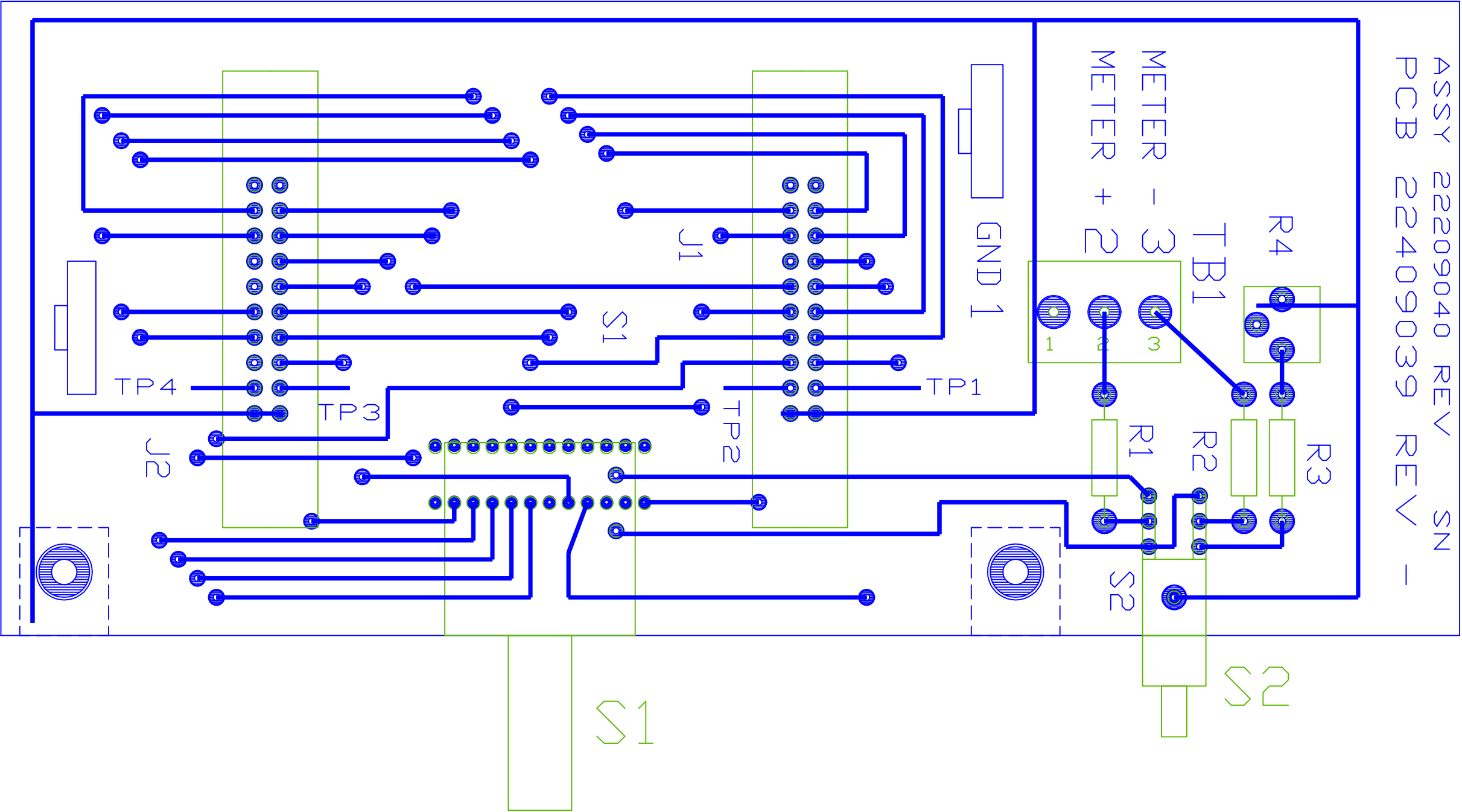


NOTES:
 1. LENGTH OF HY1 IS 2.5" BY CHANNEL .

-503

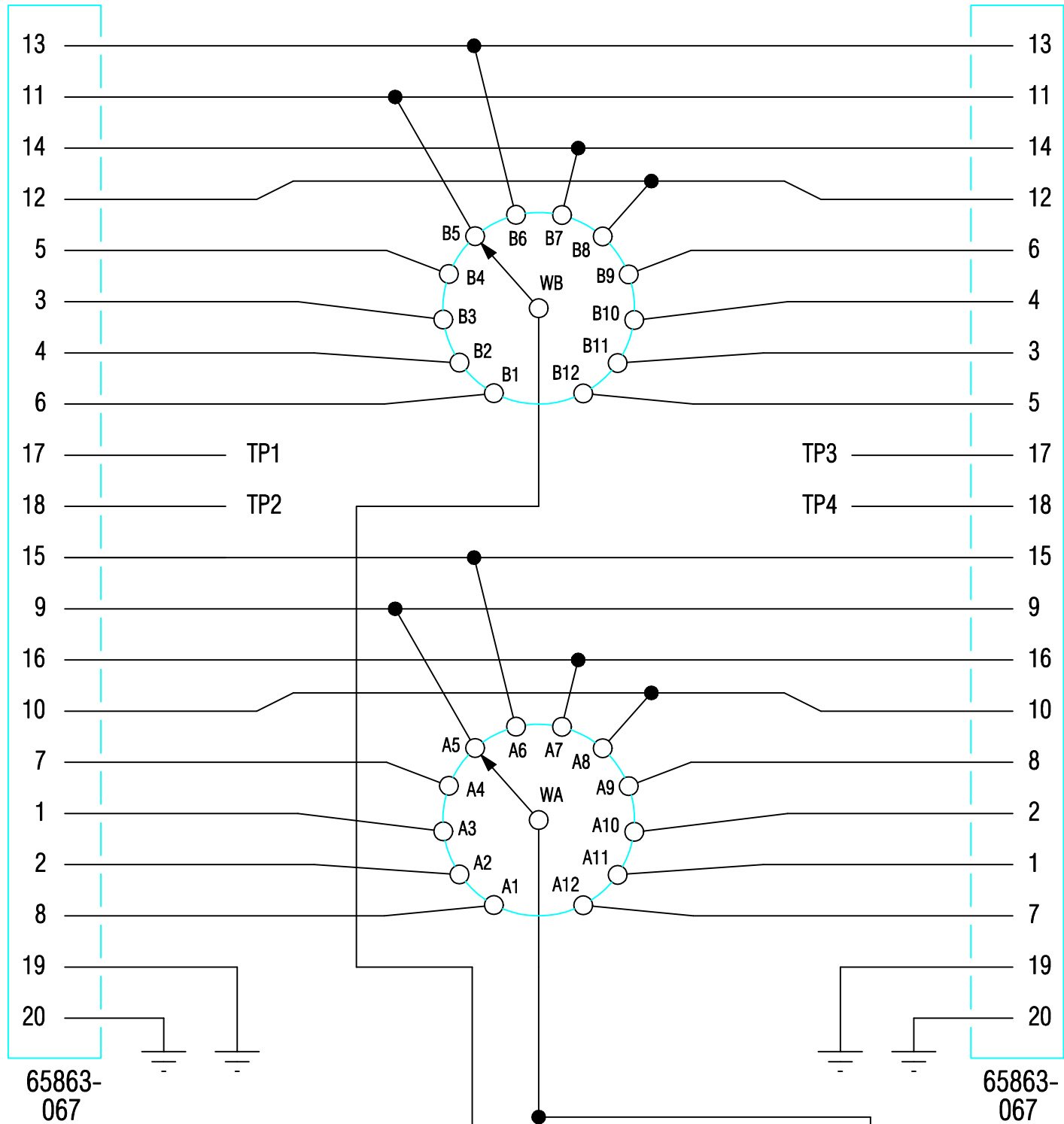
			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422						
			DRAWN	MTS					7/95		
			CHECKED								
			MECH ENGR								
		FINISH	ELECT ENGR		TITLE DETAIL, 3dB HYBRID SPLITTER						
			APPROVAL								
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						SIZE CODE ID DRAWING NO. REV		
NEXT ASSY	USED ON		DECIMALS .XX +/- .01		ANGLES						
			.XXX +/--.005		+/- 1/2						
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE		SHEET 3 OF 3				

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	DESCRIPTION OF -501 & 502 ADDED TO PL.	06/97	EJM	CSM 06/97
B	ECN #2967 & ADDED -503 ASSY TO THE PL.	09/97	HFG	MB 10/97
C	ADDED -504 ASSY TO THE PL.	10/97	MTS	MB 10/31/97
D	ADDED -505 ASSY & ITEMS 17 - 21 TO THE PL.	3/25/98	HFG	
E	ADDED PAGE 2 WITH -01 THRU -05 PIN SETTINGS	4/27/99	SMJ	
F	ADDED TEXT TO REFERENCE PIN SETTINGS TO BOARD VERSION		SMJ	



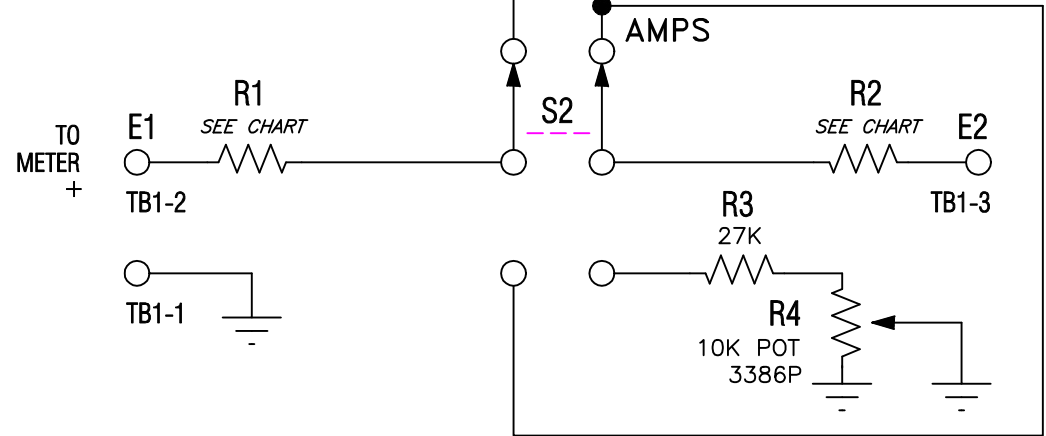
				PARTS LIST		ACRODYNE INDUSTRIES		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
				DRAWN	CSM 11/02/94				
				CHECKED					
				MECH ENGR					
			FINISH	ELECT ENGR					
				APPROVAL	MB 06/97				
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
				DECIMALS	ANGLES				
				.XX +/- .015	+/- 1/2				
				.XXX +/- .005					
NEXT ASSY	USED ON			DO NOT SCALE DRAWING		SIZE	CODE ID	DRAWING NO.	REV
						B	51336	22209040	F
APPLICATION		MATERIAL				SCALE		SHEET 1 OF 2	

J1



65863-067

65863-067



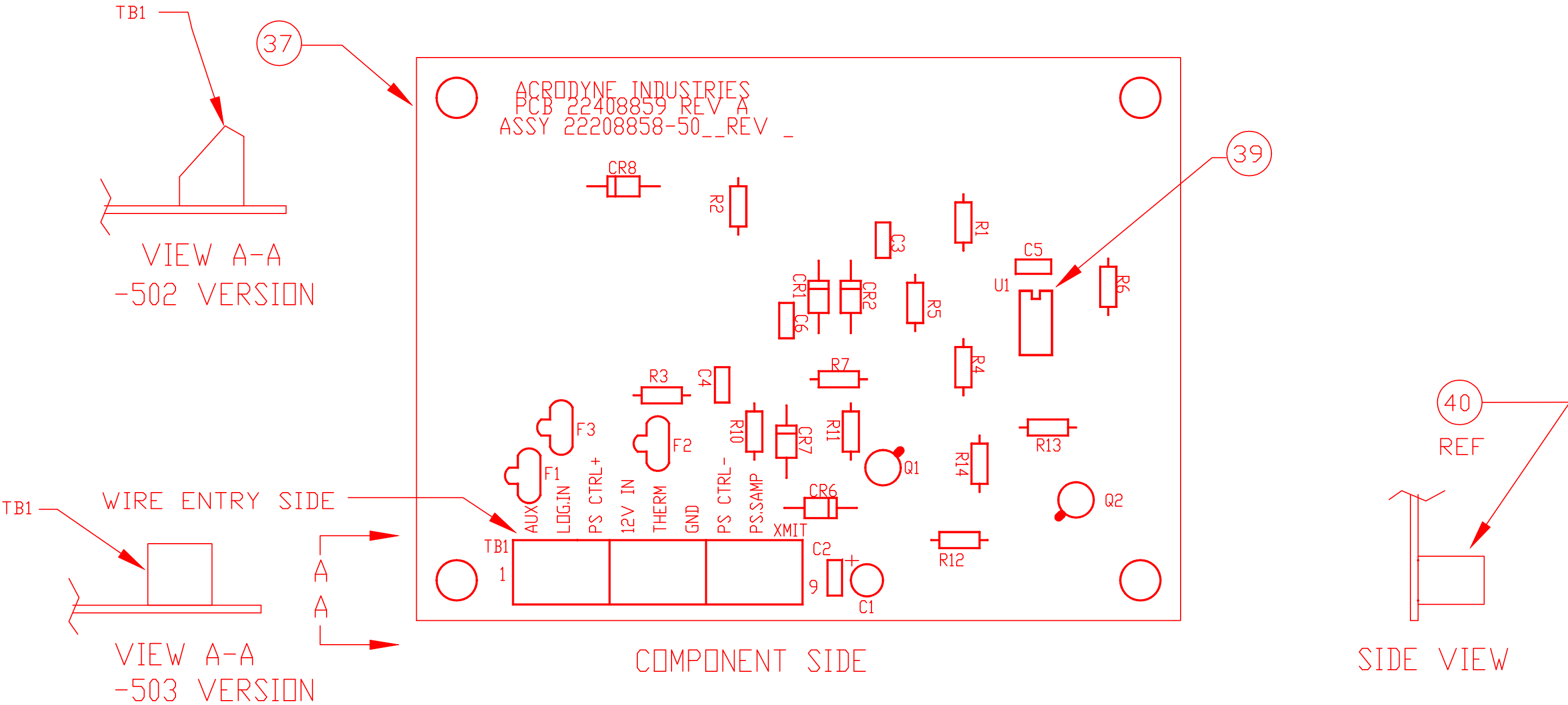
J2

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2967 ADDED -503 & R1,R2 CHART	DRAWN	MB	10/97
B	ECN 3047-CORRECT & REDRAW ON ACAD-3/98	DRAWN		

R1,R2	
VERSIONS	VALUE
-501	51ohm
-502	51ohm
-503	5.6ohm

			PARTS LIST		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422					
			DRAWN	MTS					12/94	
			CHECKED							
			MECH ENGR							
		FINISH	ELECT ENGR		TITLE UNIVERSAL METER SWITCH BOARD					
			APPROVAL						WFS	6/97
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES							
			DECIMALS		ANGLES		SIZE	CODE ID	DRAWING NO.	REV
		.XX +/- .01								
		.XXX +/- .005		+/- 1/2		B	51336	22509158	B	
NEXT ASSY	USED ON									
APPLICATION		MATERIAL	DO NOT SCALE DRAWING		SCALE: N/A			SHEET 1 OF 1		

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		

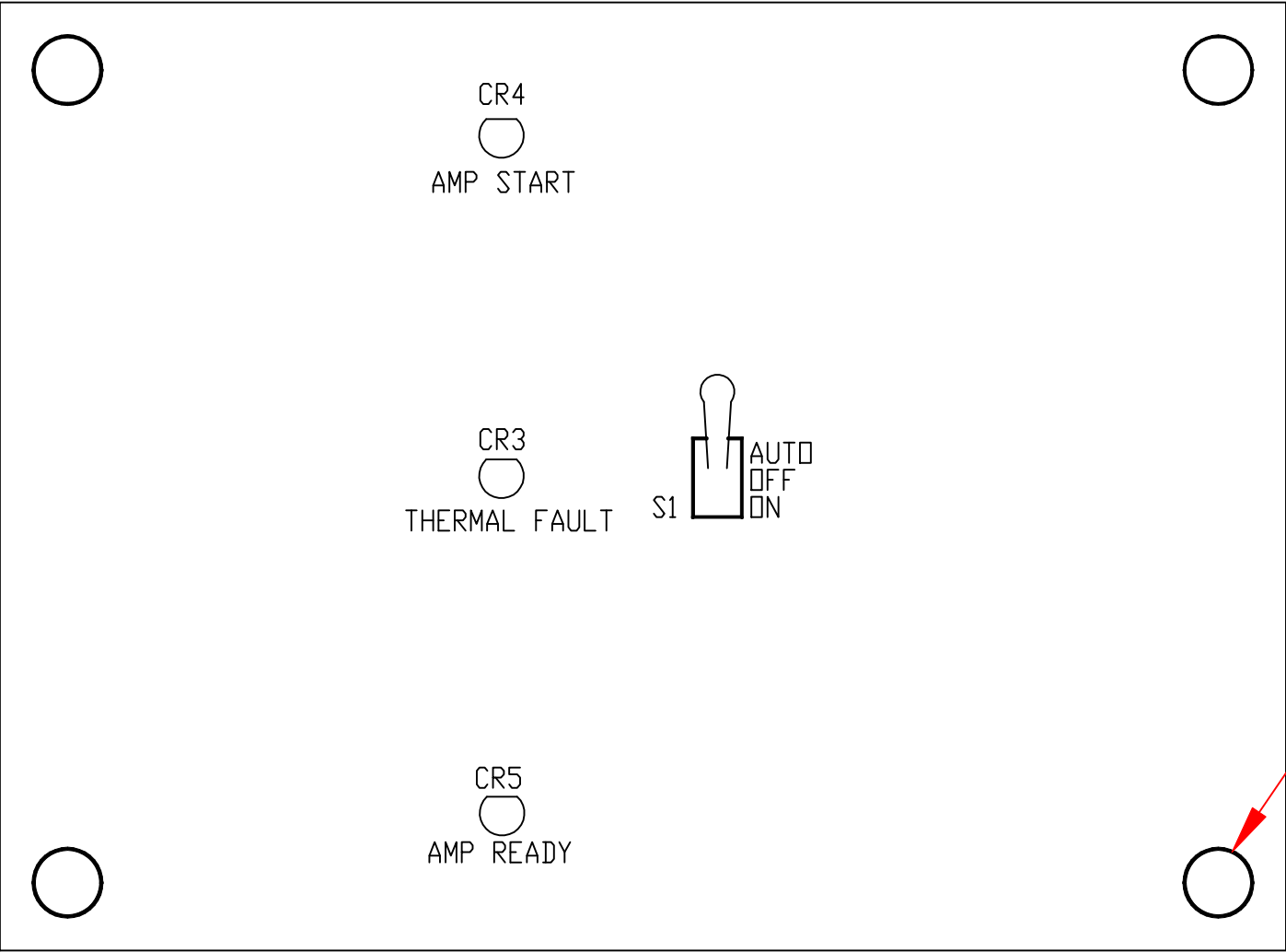


NOTES

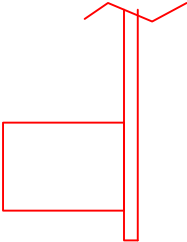
1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

		PARTS LIST			ACRODYNE				ACRODYNE INDUSTRIES, INC.	
		DRAWN	HFG						516 TOWNSHIP LINE ROAD	
		CHECKED							BLUE BELL, PA 19422	
		MECH ENGR			TITLE					
		ELEC ENGR			ASSEMBLY; SOLID STATE AMPLIFIER					
		APPROVAL			CONTROL CIRCUIT PCB					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER		REV	
NEXT ASSY	USED ON	TOLERANCES			B	51336	22208858		A	
APPLICATION		DECIMALS .XX +/- .015 .XXX +/- .005 DO NOT SCALE DRAWING			SCALE NONE		SHEET 3		OF 4	
		ANGLES +/- 1/2								

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



40
4 PLACES



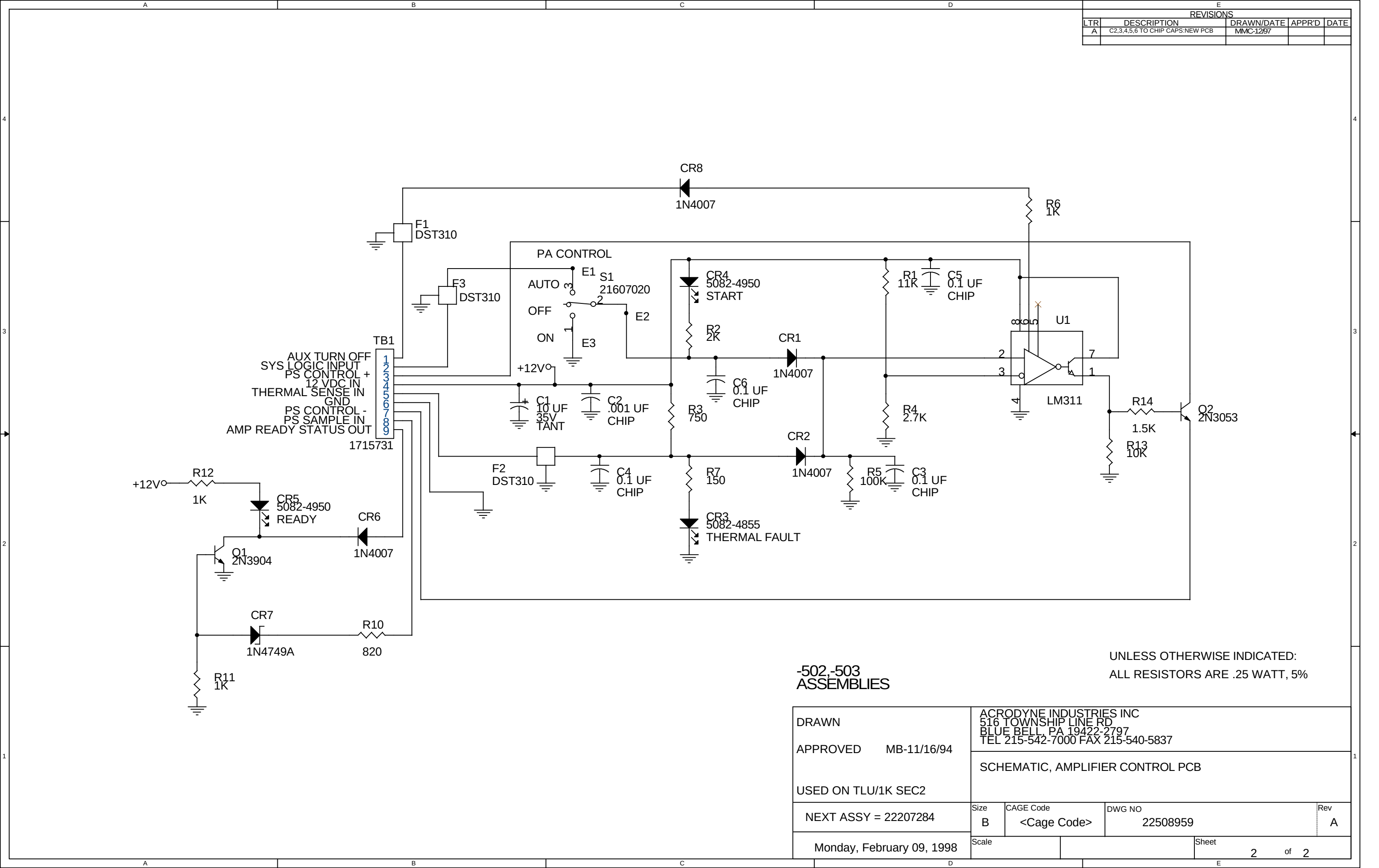
SIDE VIEW

NOTES

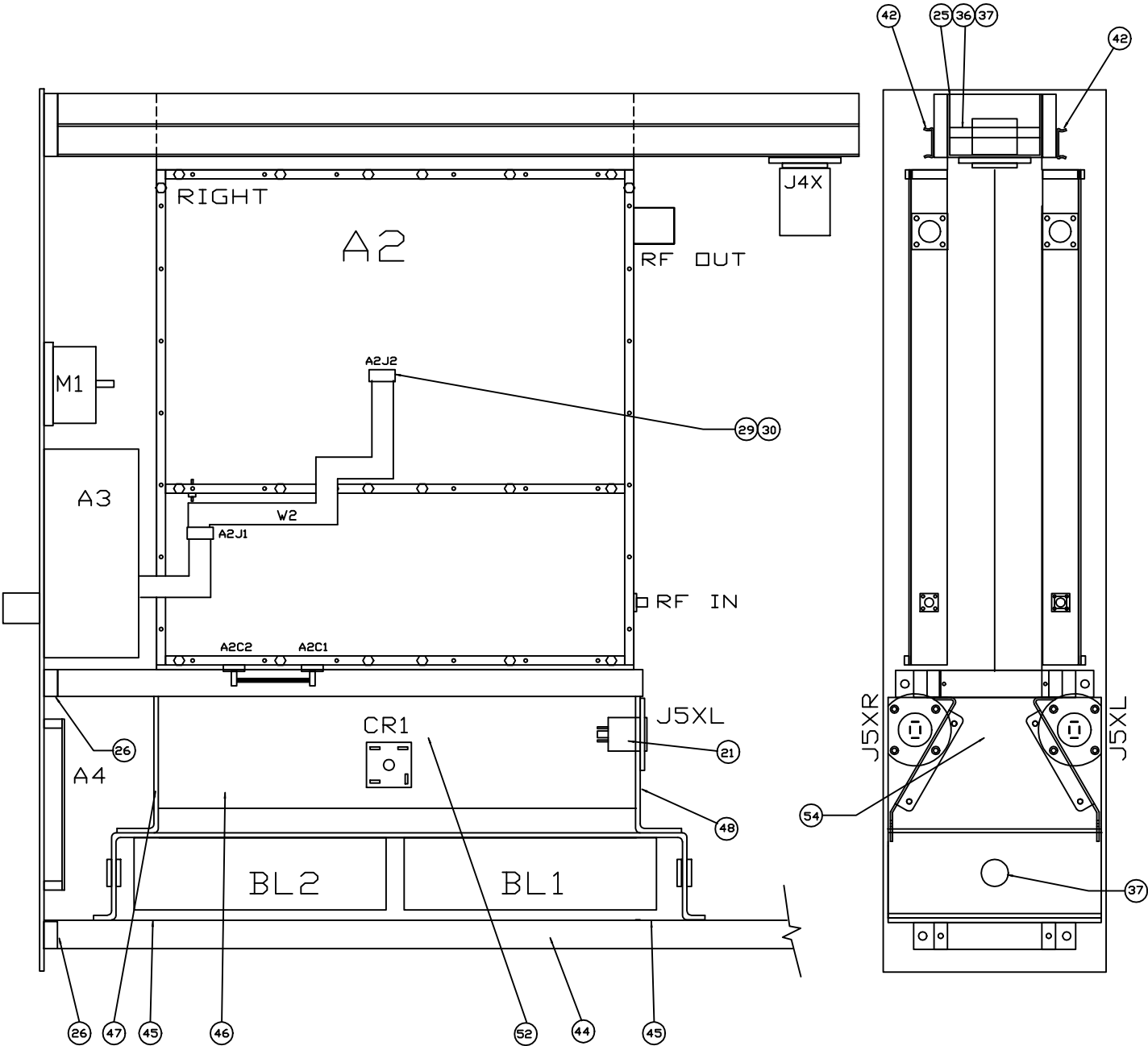
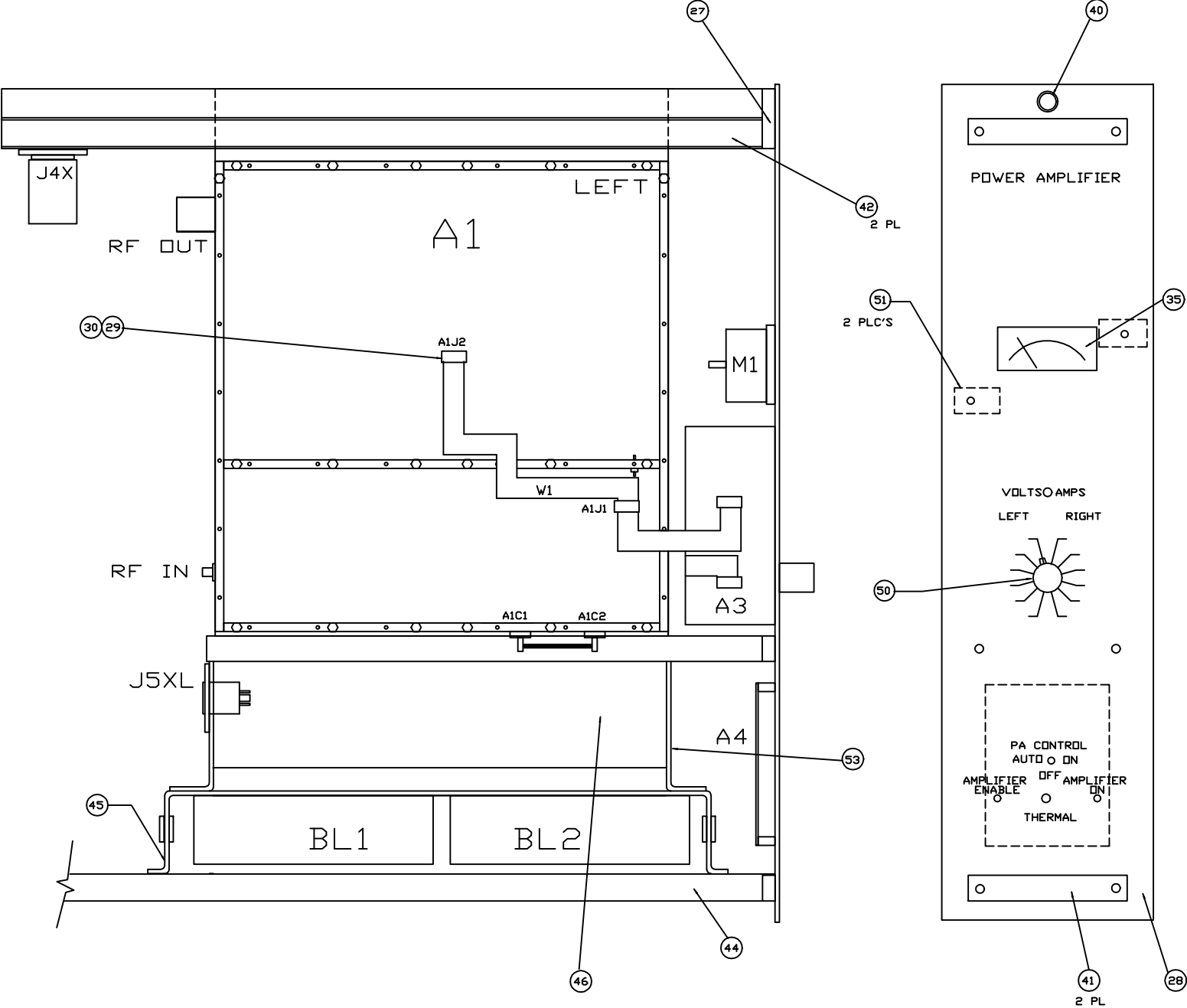
- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
- 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
- 3. DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON INDIVIDUAL PARTS.
- 4. ORIENTATION OF POLARIZED CAPACITORS IS DENOTED BY A PLUS (+) SIGN. POLARITY IS IDENTIFIED ON THE PART.
- 5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-502,-503

		PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES, INC.			
		DRAWN	HFG		516 TOWNSHIP LINE ROAD			
		CHECKED			BLUE BELL, PA 19422			
		MECH ENGR			TITLE ASSEMBLY; SOLID STATE AMPLIFIER CONTROL CIRCUIT PCB			
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY	USED ON	TOLERANCES ANGLES			B	51336	22208858	A
		DECIMALS .XX +/- .015						
		.XXX +/- .005 +/- 1/2						
APPLICATION		DO NOT SCALE DRAWING			SCALE	NONE	SHEET 4 OF 4	

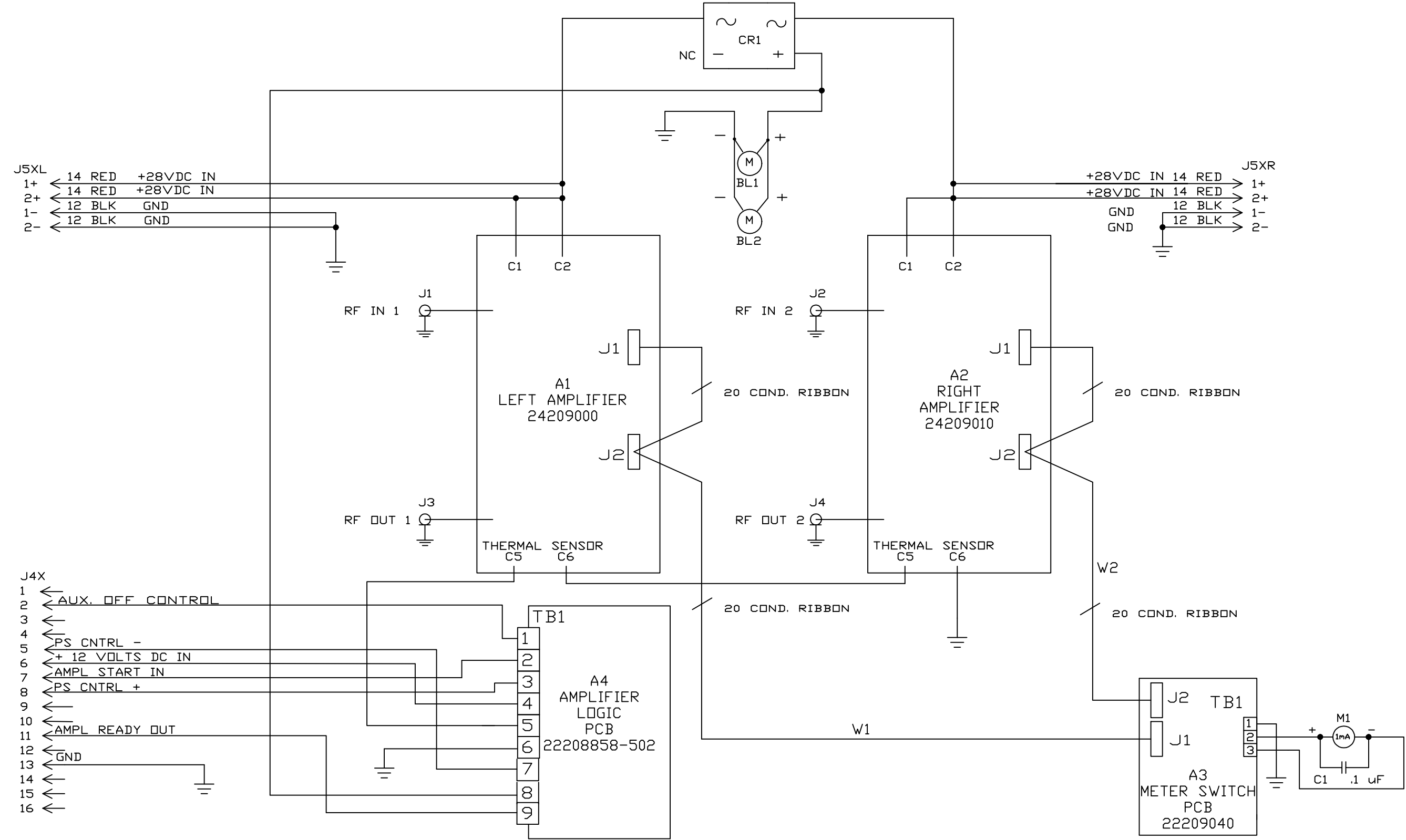


REVISIONS			
LTR	DESCRIPTION	DRAWN	APPROVE
A	CHANGED ITEM 50 TO # PL1	MMC	CSM 12/5/95
B	PL. CHANGES PER ECN #3066	HFG 4/1/98	MB 04/98
C	ITEM #31 WAS CHANGED TO REFF. DES. V1 & V2. 08/98	MTS	MB 08/98
D	ITEM #24 WAS 24209082, #35 WAS 2131117, #50 WAS PL1	JJC 10/06/98	



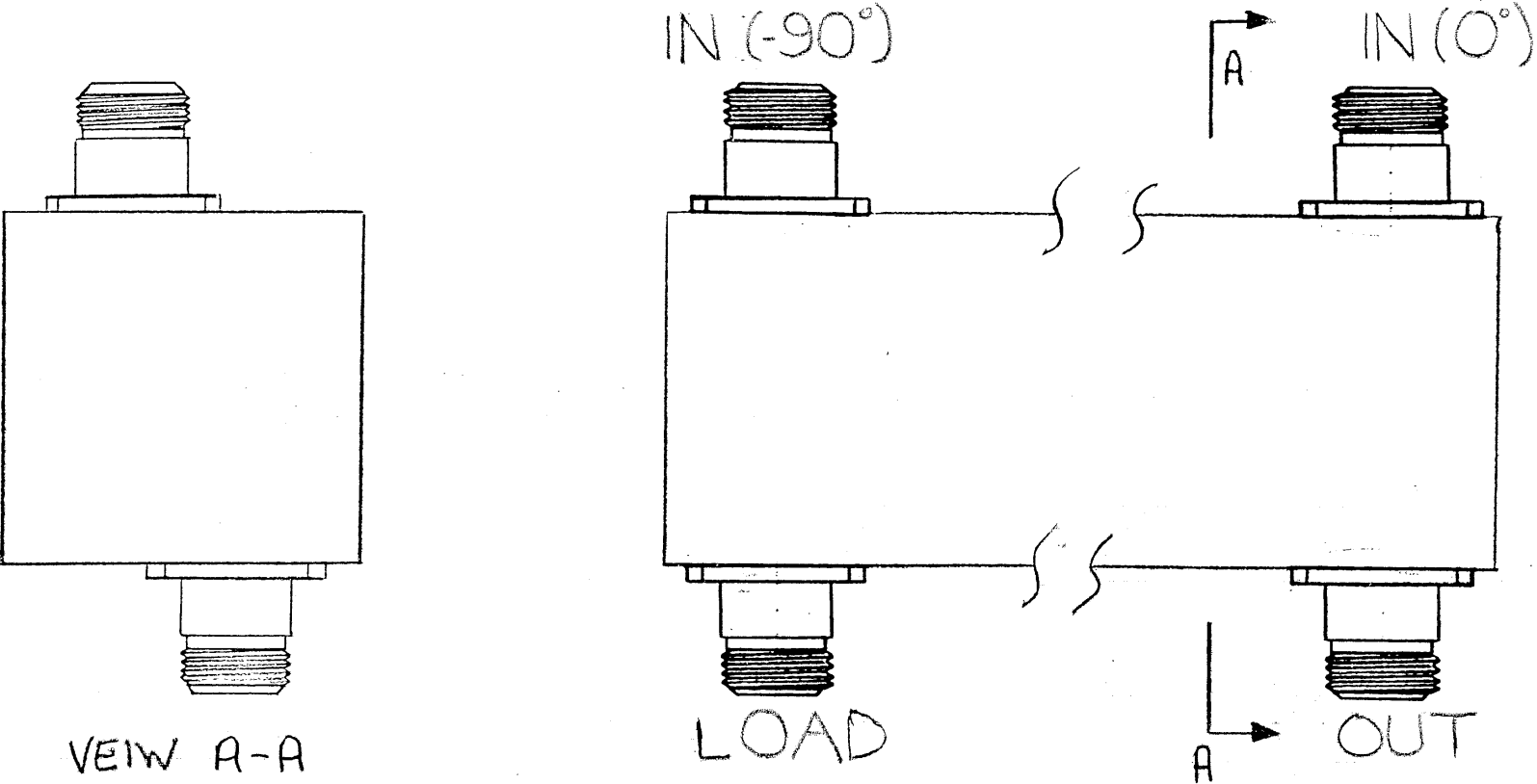
PARTS LIST			
DRAWN	CSM	12/5/94	
CHECKED			
MECH ENGR			
ELECT ENGR			
APPROVAL	MB	12/94	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			
DECIMALS	XX	±.015	ANGLES
FRACTIONS	XX	±.005	±.1/2
DO NOT SCALE DRAWING			
ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422			
TITLE			
ASSEMBLY 600 WATT VHF HIGHBAND PA			
SIZE	CODE	ID	DRAWING NO.
D	51336		24209082
SCALE	SHEET 1 OF 1		

REVISIONS				
LTR	DESCRIPTION			DRAWN
A	MAJOR UPDATING AND CALLED OUT W1 & W2. 08/98			MTS
		APR		DATE



				PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
				DRAWN	SJT 12/28/94		
				CHECKED		TITLE WIRING DIAGRAM, 600WATT VHF HIGH BAND AMPLIFIER DRAWER	
				MECH ENGR			
				ELECT ENGR		SIZE CODE ID DRAWING NO. REV B 51336 22509167 A	
				APPROVAL			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SCALE SHEET 1 OF 1	
				DECIMALS .XX +/- .015	ANGLES +/- 1/2		
				XXX +/- .003			
				DO NOT SCALE DRAWING			
24209082							
NEXT ASSY		USED ON					
APPLICATION		MATERIAL					

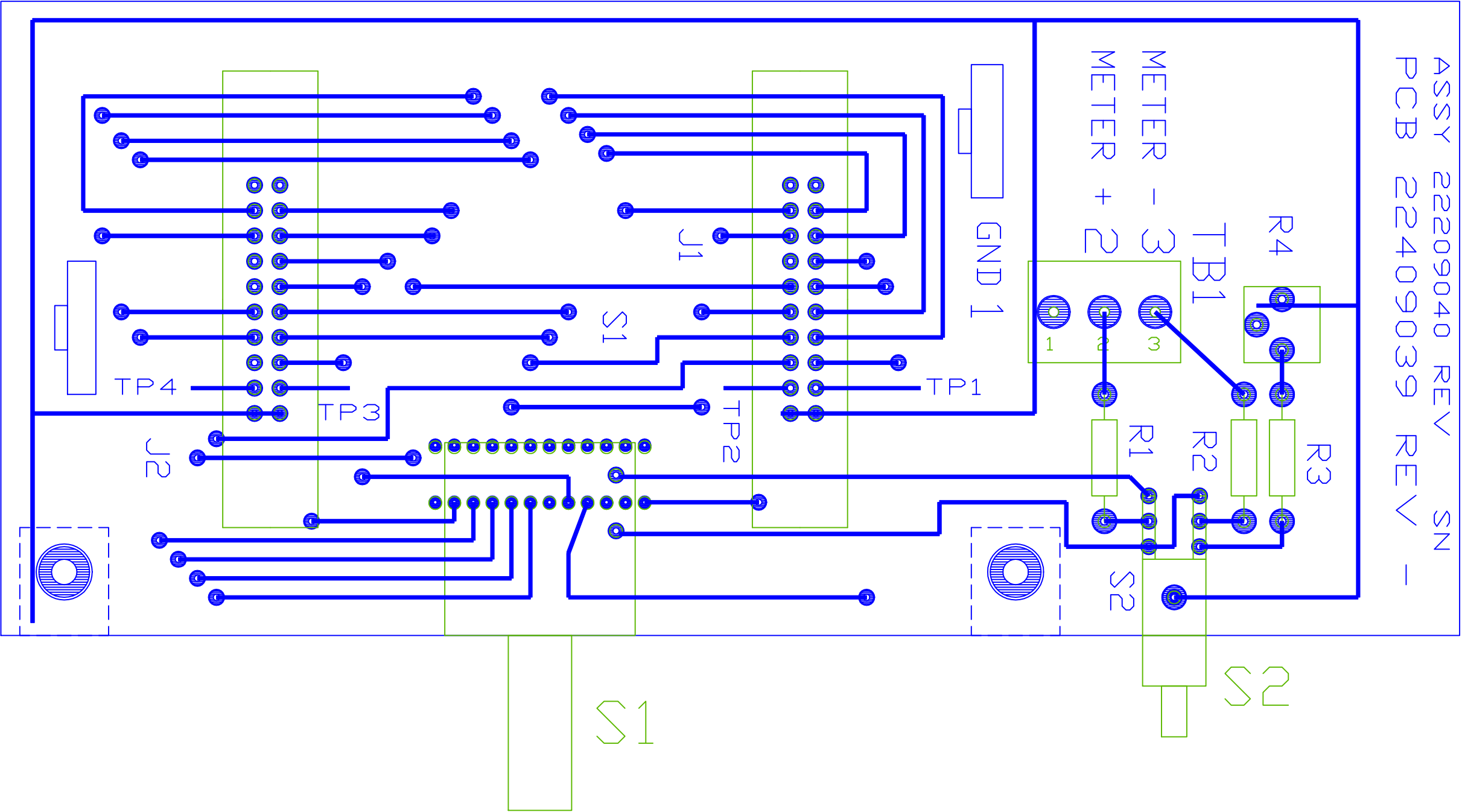
REVISIONS				
LTR	DESCRIPTION	DRAWN	APPROVED	DATE
A	ADDED VIEW A-A	cm	cm	7/25/95
B	CHANGED PART ID, FOR ITEM #8 IN PL. 2/2/96 CIM	cm	cm	2/6/96
C	REMOVED ITEM # 19, CHANGED PN FOR ITEM # 7 AND CORRECTED PN. FOR ITEM # 8 IN PL. CH1 5/28/96	cm	cm	7/23/96
D	ADDED LABELS FOR CLARITY 6/26/98	JJC	cm	7/9/98



NOTE: PORTS REFERENCES ARE FOR
USEAGE AS A COMBINER

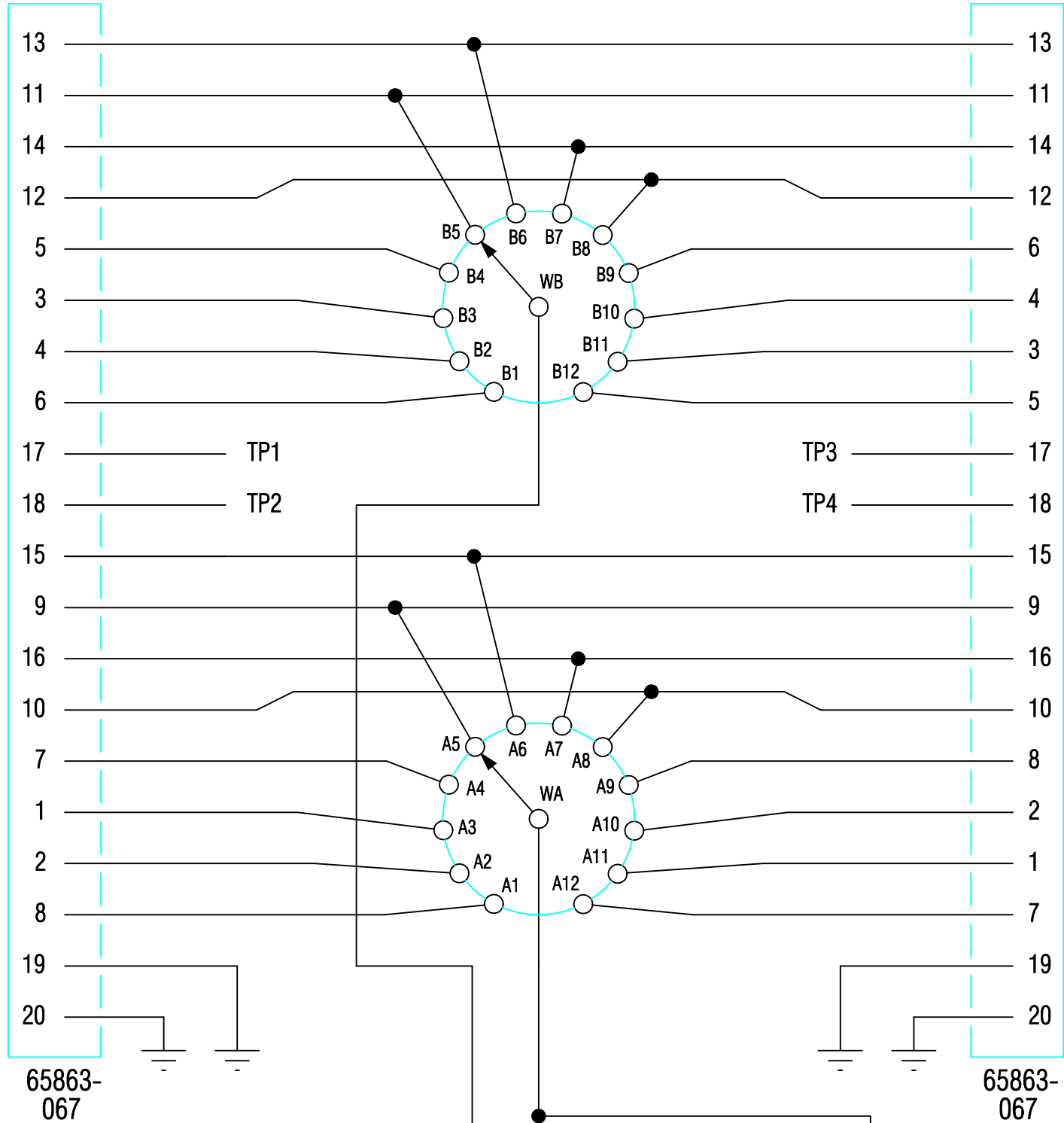
VISUAL AMPLIFIER COMBINER								
			PARTS LIST		ACRODYNE INDUSTRIES Acrodyne Industries Inc 516 Township Line Road Blue Bell, Pennsylvania 19422			
			DRAWN M. PETRIE	1/24/89				
			CHECKED CMORE	6/1/90				
			MECH ENGR					
		FINISH	ELEC ENGR		TITLE ASSEMBLY, VHF HIGH HYBRID SPLITTER/COMBINER			
			APPROVAL J. J. C.	6/13/90				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ANGLES					
			.XX ± .XXX ± 1/2°					
24207450	TRH/IKS		DO NOT SCALE DRAWING		SIZE B	CODE IDENT 51336	DRAWING NO. 22207801	REV D
NEXT ASSY	USED ON				SCALE 1:1	SHEET 1 OF 1		
APPLICATION			MATERIAL					

REVISIONS					
LTR	DESCRIPTION	DRAWN	APR	DATE	
A	DESCRIPTION OF -501 & 502 ADDED TO PL.	06/97	EJM	CSM	06/97
B	ECN #2967 & ADDED -503 ASSY TO THE PL.	09/97	HFG	MB	10/97
C	ADDED -504 ASSY TO THE PL.	10/97	MTS	MB	10/31/97
D	ADDED -505 ASSY & ITEMS 17 - 21 TO THE PL.	3/25/98	HFG		
E	ADDED PAGE 2 WITH -01 THRU -05 PIN SETTINGS	4/27/99	SMJ		
F	ADDED TEXT TO REFERENCE PIN SETTINGS TO BOARD VERSION		SMJ		



				PARTS LIST		ACRODYNE INDUSTRIES		ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
				DRAWN	CSM 11/02/94				
				CHECKED					
				MECH ENGR					
			FINISH	ELECT ENGR					
				APPROVAL	MB 06/97				
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
				DECIMALS	ANGLES				
				.XX +/- .015	+/- 1/2				
				.XXX +/- .005					
NEXT ASSY	USED ON			DO NOT SCALE DRAWING		SIZE	CODE ID	DRAWING NO.	REV
						B	51336	22209040	F
APPLICATION		MATERIAL				SCALE		SHEET 1 OF 2	

J1

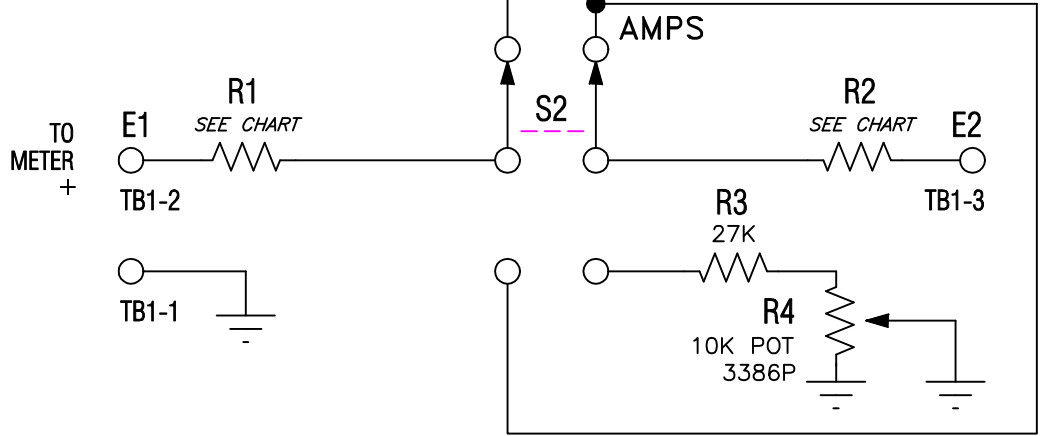


J2

REVISIONS

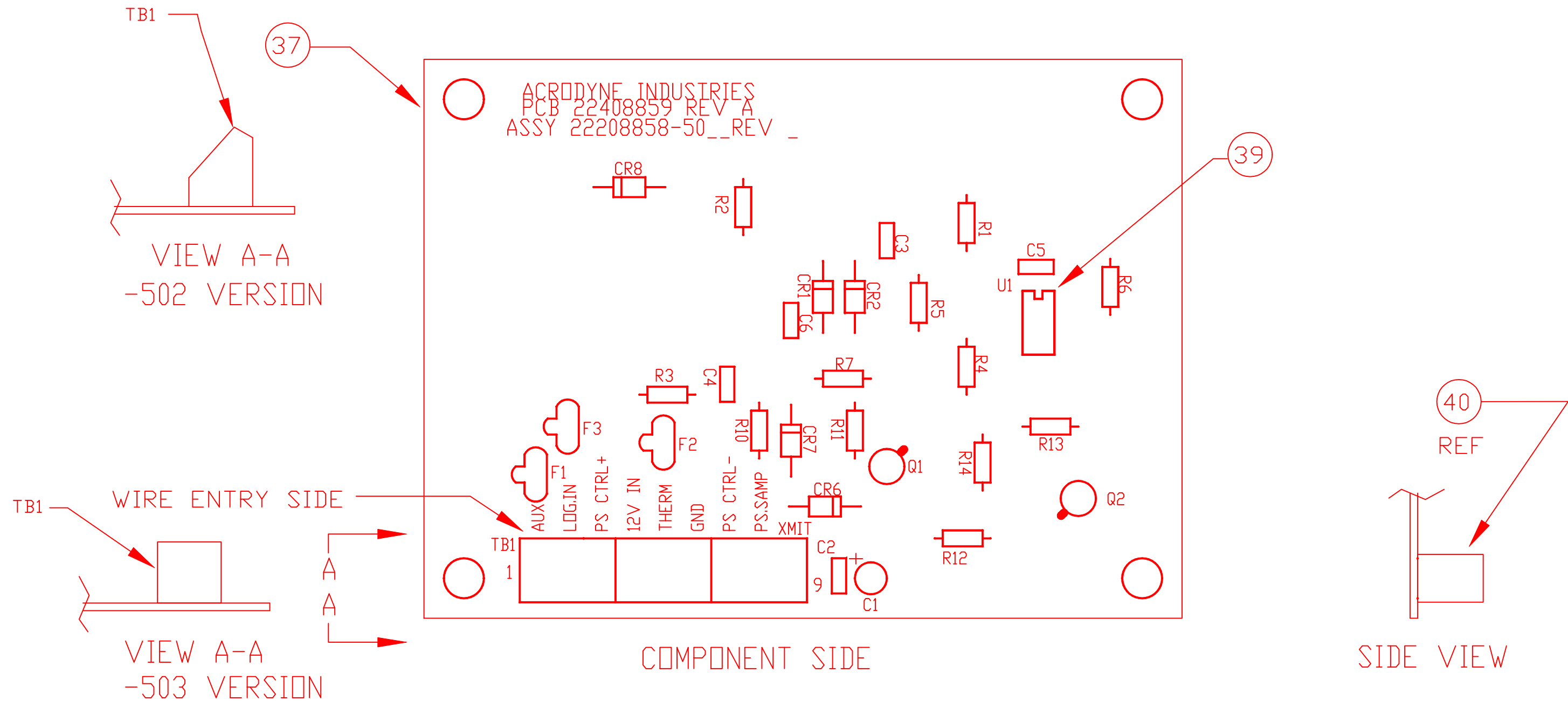
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ECN 2967 ADDED -503 & R1,R2 CHART	DRAWN	MB	10/97
B	ECN 3047-CORRECT & REDRAW ON ACAD-3/98	DRAWN		

R1,R2	
VERSIONS	VALUE
-501	51ohm
-502	51ohm
-503	5.6ohm



			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	MTS					12/94
			CHECKED						
			MECH ENGR						
		FINISH	ELECT ENGR		TITLE UNIVERSAL METER SWITCH BOARD				
			APPROVAL	WFS					6/97
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/- .01						
			.XXX +/- .005	+/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SIZE	CODE ID	DRAWING NO.	REV
						B	51336	22509158	B
APPLICATION		MATERIAL				SCALE: N/A		SHEET 1 OF 1	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



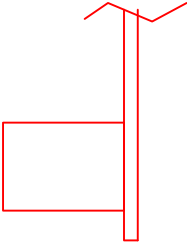
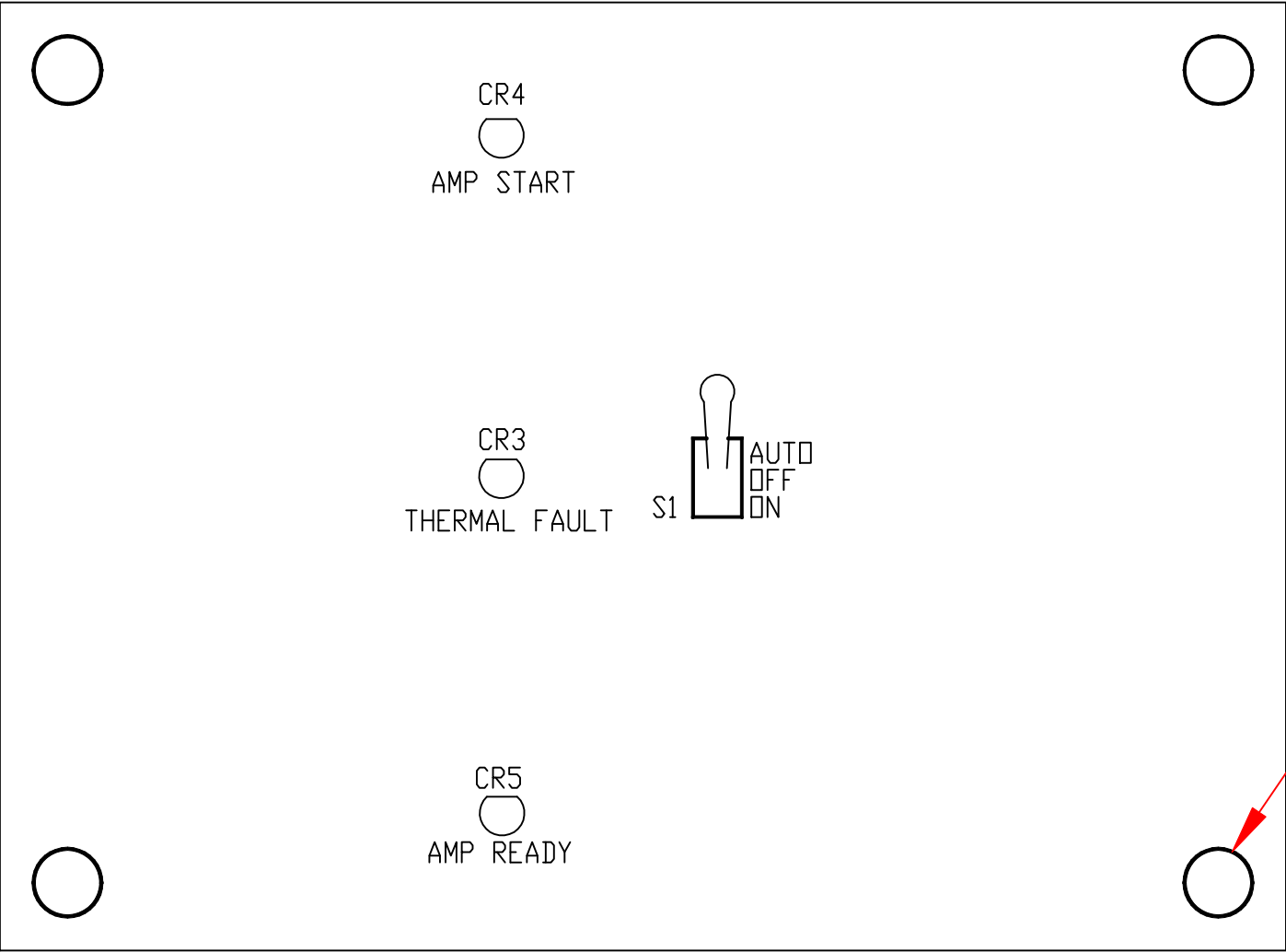
NOTES

1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
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5. SOLDER USING SN63 SOLDER UNLESS OTHERWISE NOTED.

-503, -502

PARTS LIST		ACRODYNE		ACRODYNE INDUSTRIES, INC.	
DRAWN	HFG			516 TOWNSHIP LINE ROAD	
CHECKED				BLUE BELL, PA 19422	
MECH ENGR				TITLE	
ELEC ENGR				ASSEMBLY; SOLID STATE AMPLIFIER	
APPROVAL				CONTROL CIRCUIT PCB	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE	CODE ID	DRAWING NUMBER	REV
DECIMALS .XX +/- .015		B	51336	22208858	A
TOLERANCES .XXX +/- .005		SCALE	NONE	SHEET 3	OF 4
ANGLES +/- 1/2		DO NOT SCALE DRAWING			
NEXT ASSY	USED ON	APPLICATION			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APPR	DATE
A	PCB 22408859 REVISION A DESIGN	MMC 12/97		



SIDE VIEW

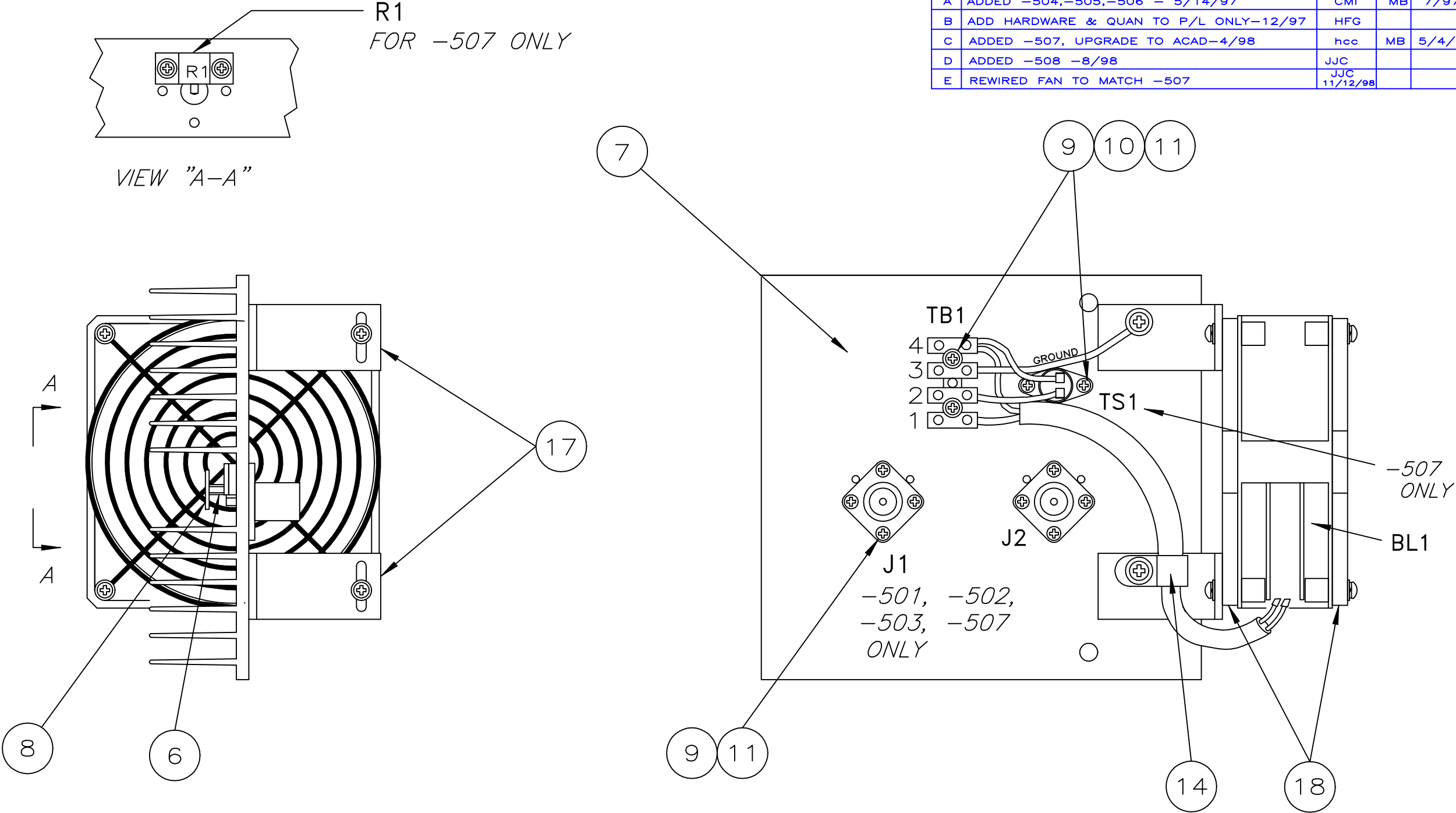
NOTES

- 1. WORKMANSHIP TO BE EQUAL TO AND COMPLIANT WITH THE REQUIREMENTS OF IPC-A-610, CLASS 2.
- 2. THIS ASSEMBLY CONTAINS ELECTRO STATIC DISCHARGE (ESD) SENSITIVE DEVICES; STATIC-FREE HANDLING IS REQUIRED PER IPC-A-610, CLASS 2.
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-502,-503

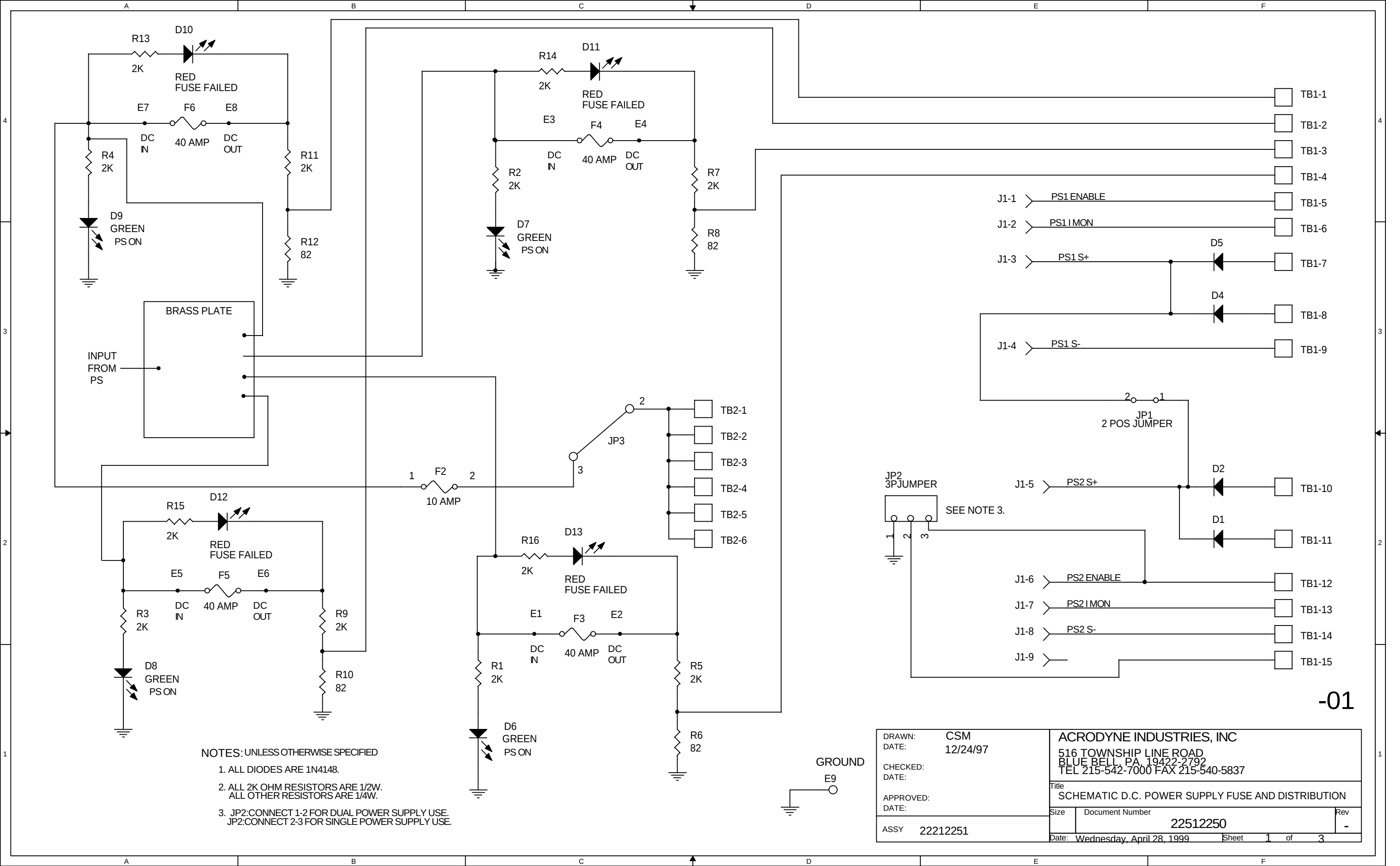
		PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES, INC.			
		DRAWN	HFG		516 TOWNSHIP LINE ROAD			
		CHECKED			BLUE BELL, PA 19422			
		MECH ENGR			TITLE ASSEMBLY; SOLID STATE AMPLIFIER CONTROL CIRCUIT PCB			
		ELEC ENGR						
		APPROVAL						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE	CODE ID	DRAWING NUMBER	REV
NEXT ASSY	USED ON	TOLERANCES ANGLES DECIMALS .XX +/- .015 .XXX +/- .005 +/- 1/2 DO NOT SCALE DRAWING			B	51336	22208858	A
APPLICATION					SCALE	NONE	SHEET 4 OF 4	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	ADDED -504,-505,-506 - 5/14/97	CMI	MB	7/97
B	ADD HARDWARE & QUAN TO P/L ONLY-12/97	HFG		
C	ADDED -507, UPGRADE TO ACAD-4/98	hcc	MB	5/4/98
D	ADDED -508 -8/98	JJC		
E	REWIRED FAN TO MATCH -507	JJC 11/12/98		



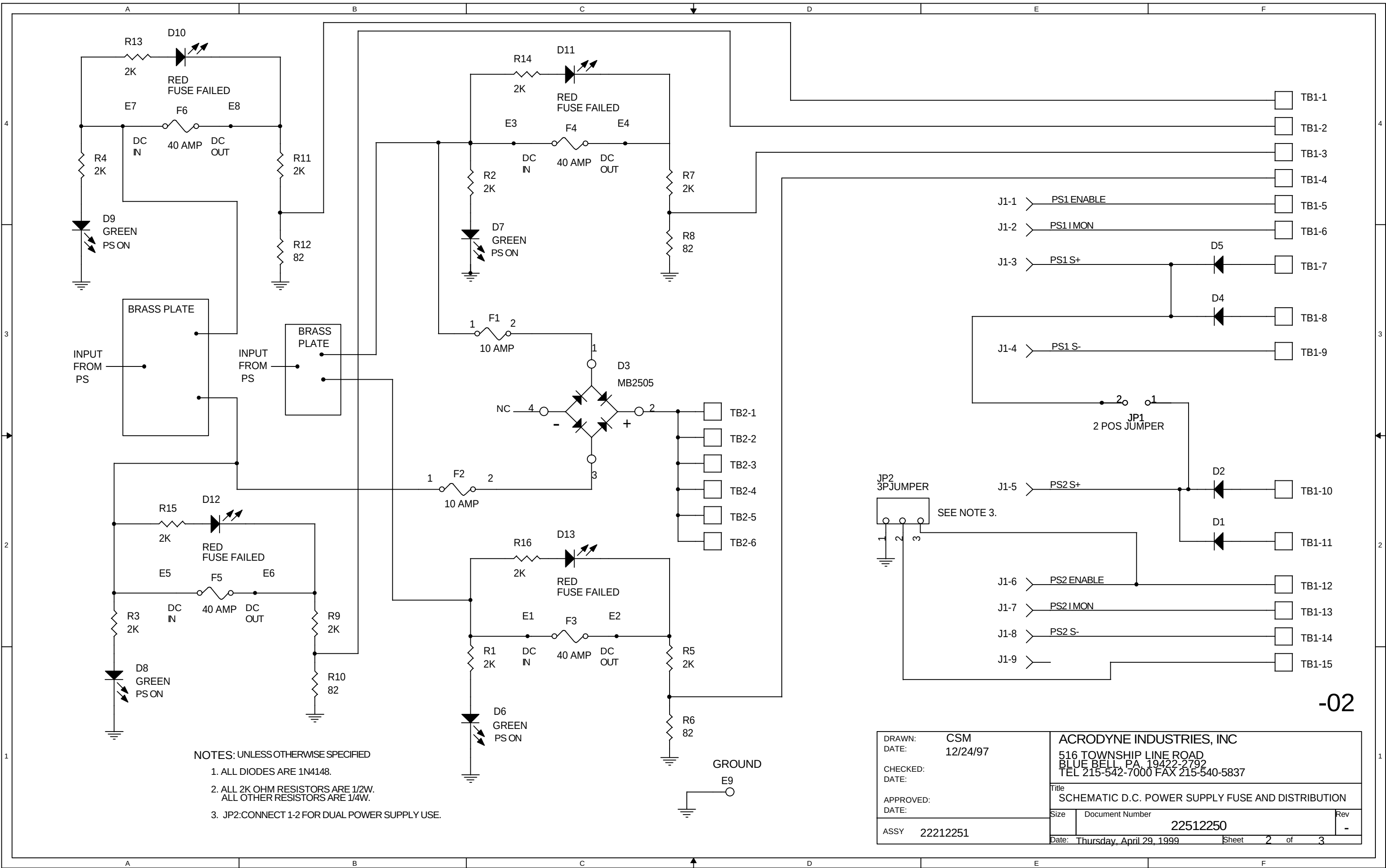
SCHEMATIC: 21508949

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422	
			DRAWN	JKC 5/13/93		
			CHECKED	WFS 6/97		
			MECH ENGR			
		FINISH	ELECT ENGR		TITLE ASSEMBLY,RF LOAD	
			APPROVAL			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			
			DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2			
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			
APPLICATION		MATERIAL	SCALE  SHEET 1 OF 1			



- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIODES ARE 1N4148.
 2. ALL 2K OHM RESISTORS ARE 1/2W.
ALL OTHER RESISTORS ARE 1/4W.
 3. JP2:CONNECT 1-2 FOR DUAL POWER SUPPLY USE.
JP2:CONNECT 2-3 FOR SINGLE POWER SUPPLY USE.

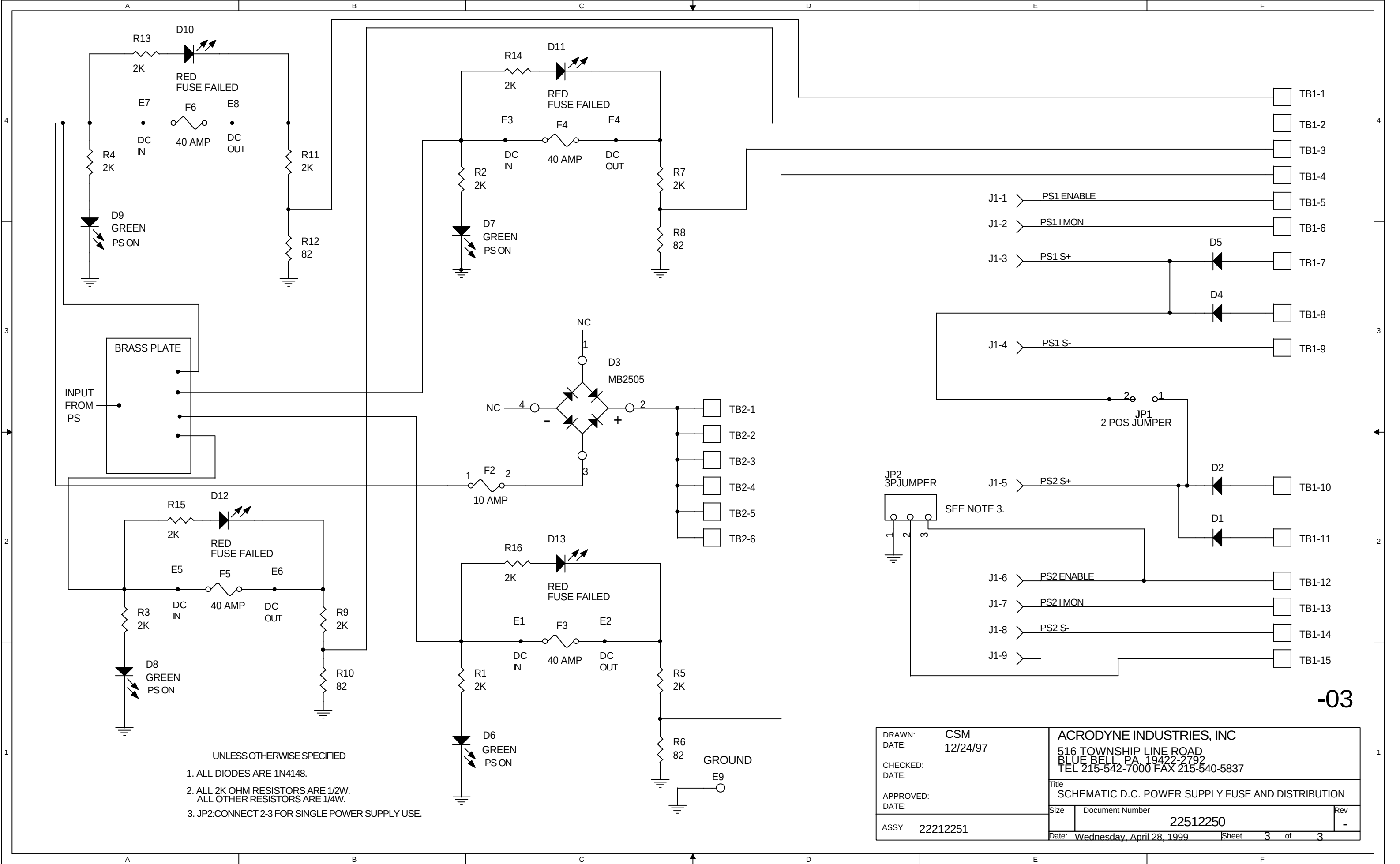
DRAWN: CSM DATE: 12/24/97		ACRODYNE INDUSTRIES, INC 516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2792 TEL 215-542-7000 FAX 215-540-5837	
CHECKED: DATE:		Title SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
APPROVED: DATE:		Size	Document Number
ASSY 22212251			22512250
		Date: Wednesday, April 28, 1999	Sheet 1 of 3



NOTES: UNLESS OTHERWISE SPECIFIED

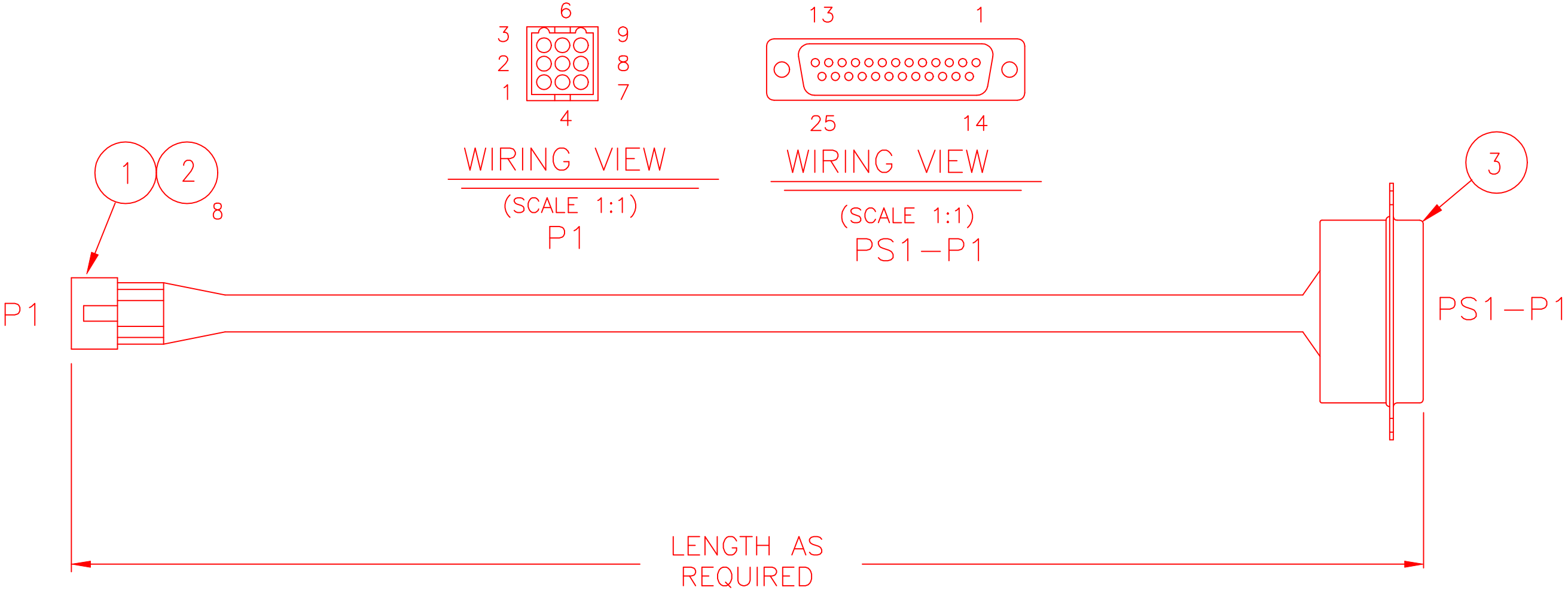
1. ALL DIODES ARE 1N4148.
2. ALL 2K OHM RESISTORS ARE 1/2W.
ALL OTHER RESISTORS ARE 1/4W.
3. JP2: CONNECT 1-2 FOR DUAL POWER SUPPLY USE.

DRAWN: CSM		ACRODYNE INDUSTRIES, INC	
DATE: 12/24/97			
CHECKED:		516 TOWNSHIP LINE ROAD	
DATE:		BLUE BELL, PA. 19422-2792	
APPROVED:		TEL 215-542-7000 FAX 215-540-5837	
DATE:		Title	
APPROVED:		SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
DATE:		Size	Document Number
ASSY 22212251			22512250
		Date: Thursday, April 29, 1999	Sheet 2 of 3
			Rev -



DRAWN: CSM		ACRODYNE INDUSTRIES, INC	
DATE: 12/24/97		516 TOWNSHIP LINE ROAD BLUE BELL, PA. 19422-2792 TEL 215-542-7000 FAX 215-540-5837	
CHECKED:		Title	
DATE:		SCHEMATIC D.C. POWER SUPPLY FUSE AND DISTRIBUTION	
APPROVED:		Size	
DATE:		Document Number	
ASSY 22212251		22512250	
		Rev	
		-	
Date: Wednesday, April 28, 1999		Sheet 3 of 3	

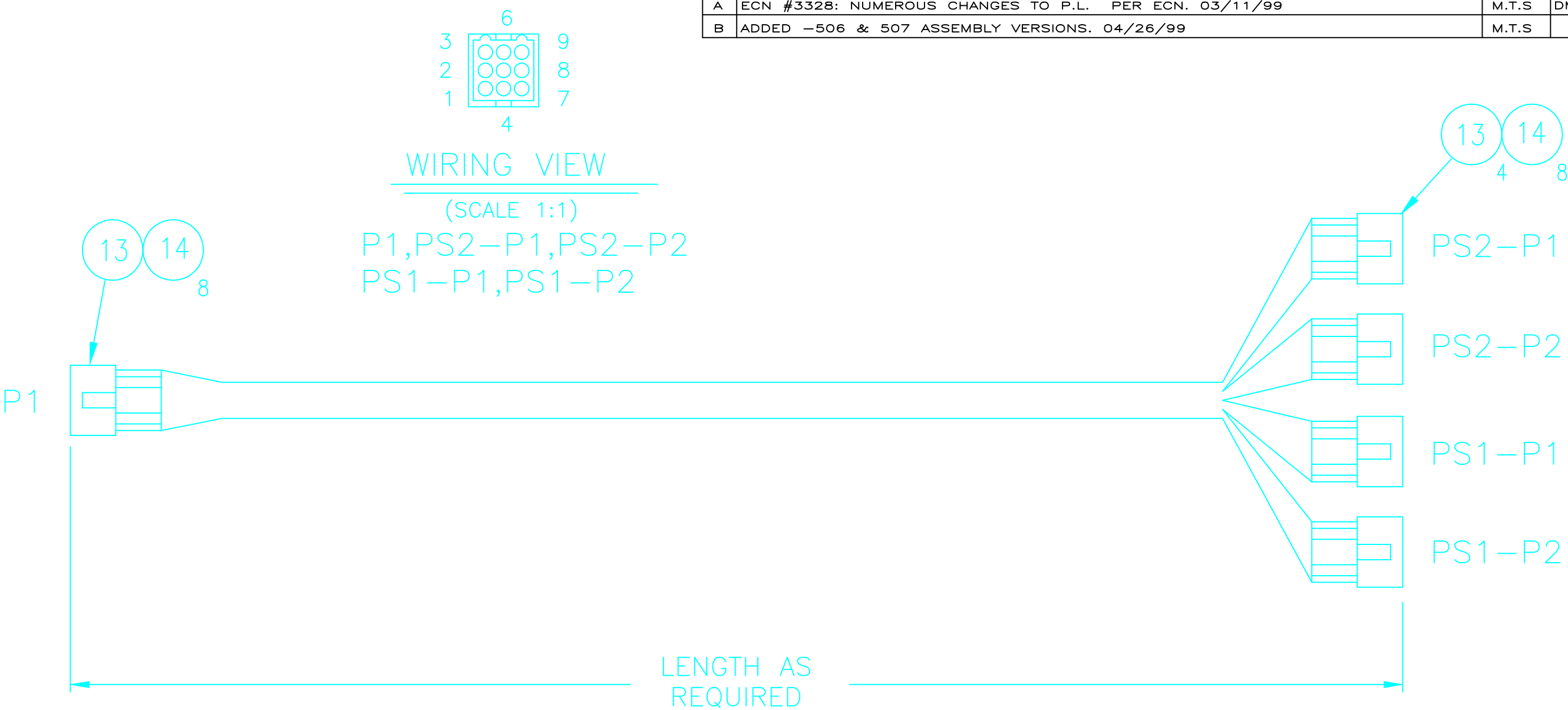
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-7	AS REQ'D	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-11	AS REQ'D	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-1	AS REQ'D	PS1 S+
W4	YEL #22	P1-4	PS1-P1-2	AS REQ'D	PS1 S-

FOR USE WITH: HC40-C1034 -501

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN: W.BARONOFSKY	8/21/98					
			CHECKED:						
			MECH ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB				
			FINISH	ELECT ENGR:					
			APPROVAL:	M.B.					09/98
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS	ANGLES					
			.XX +/- .01						
			.XXX +/- .005	+/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SIZE	CODE ID	DRAWING NO.	REV	
					B	51336	22212570	B	
APPLICATION		MATERIAL			SCALE 1:1		SHEET 1 OF 7		



WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P2-2	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P2-2	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-4	AS REQ'D.	PS2 S-

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
-	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

FOR USE WITH: 2 EACH HC20-C1164

			PARTS LIST	
			DRAWN: W.BARONOFSKY	8/21/98
			CHECKED:	
			MECH ENGR:	
		FINISH	ELECT ENGR:	
			APPROVAL: M.B.	09/98
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES	
			DECIMALS	ANGLES
			.XX +/- .01	
			.XXX +/- .005	+/- 1/2
NEXT ASSY	USED ON		DO NOT SCALE DRAWING	
APPLICATION		MATERIAL		

ACRODYNE

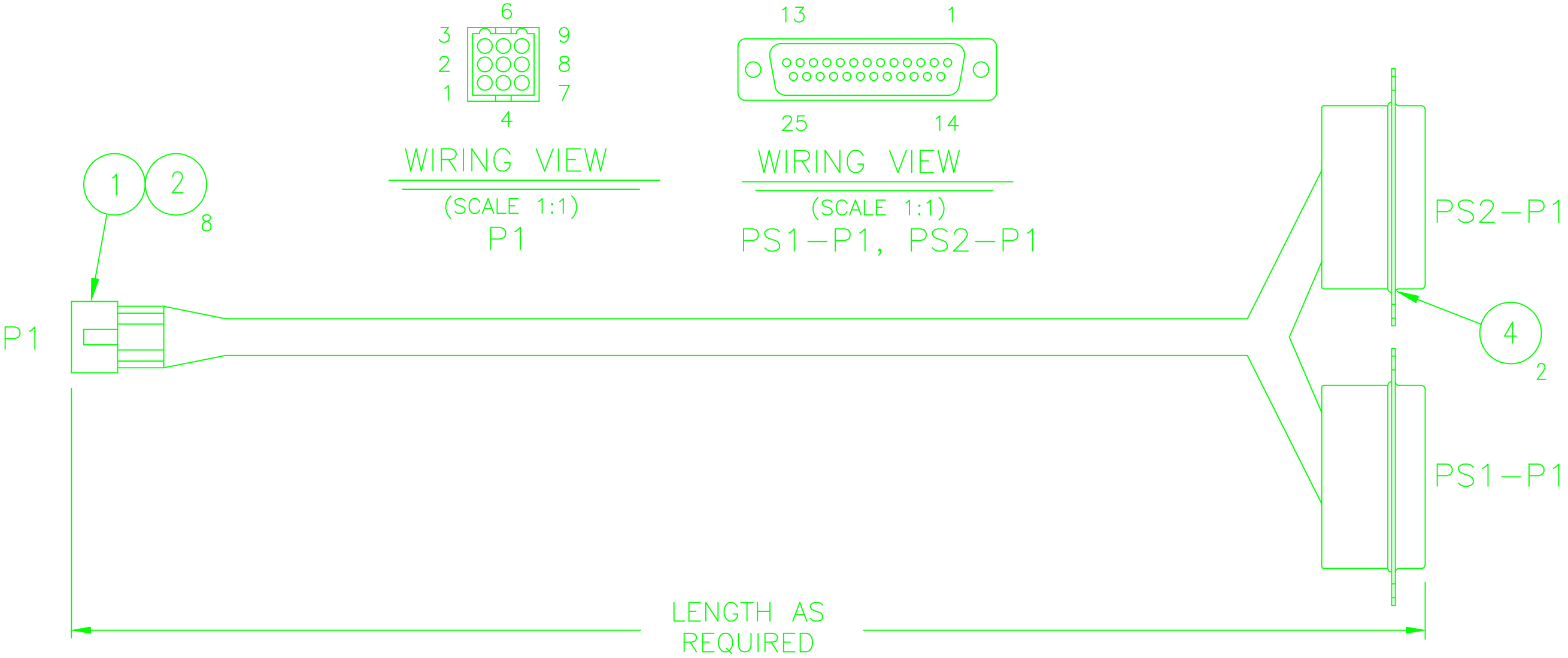
ACRODYNE INDUSTRIES, INC.
516 TOWNSHIP LINE ROAD
BLUE BELL, PA. 19422

TITLE
CABLE ASSY: DC POWER SUPPLY
FUSE AND DISTRIBUTION PCB

SIZE B	CODE ID 51336	DRAWING NO. 22212570	REV B
SCALE 1:1		SHEET 2 OF 7	

-502

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

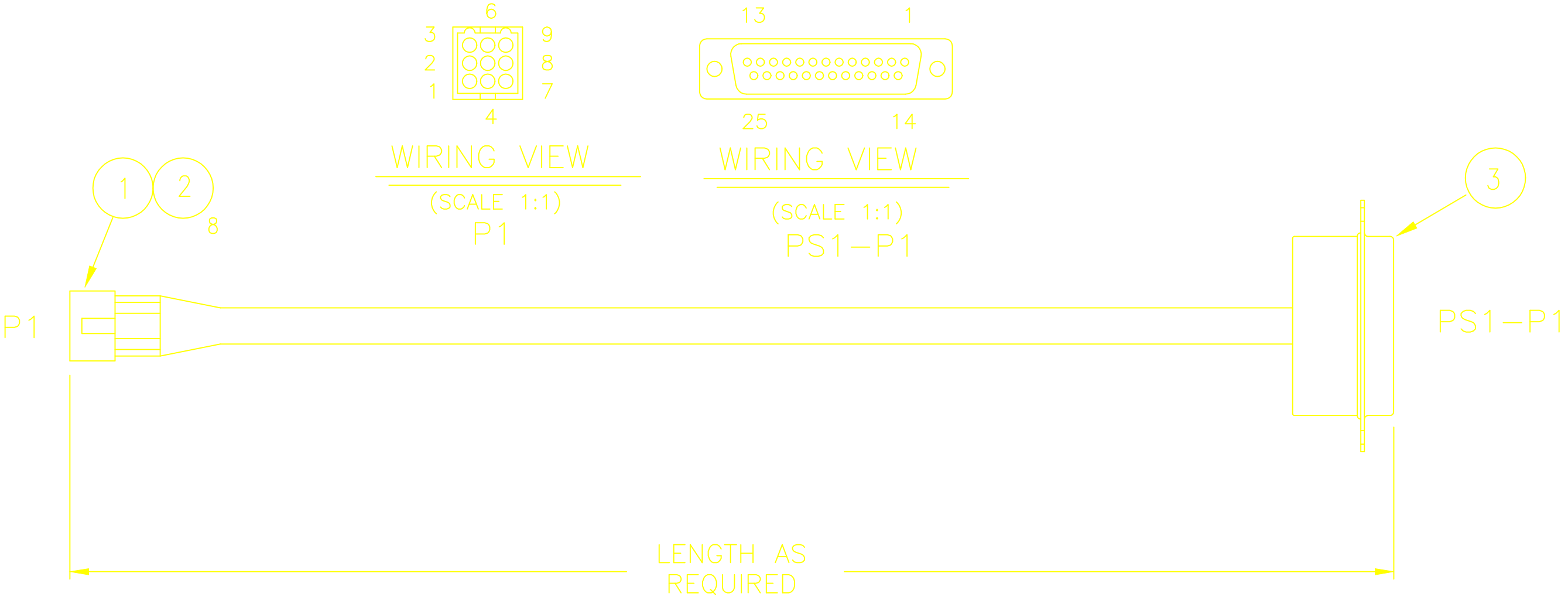


WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-8	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-8	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-10	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-16	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-15	AS REQ'D.	PS2 S-

FOR USE WITH: 2 EACH ECT21-C1020

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES, INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422
			DRAWN: W.BARONOFSKY	8/21/98	
			CHECKED:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB
			MECH ENGR:		
		FINISH	ELECT ENGR:		
			APPROVAL: M.B.	09/98	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		SIZE CODE ID DRAWING NO. REV
			DECIMALS .XX +/- .01 .XXX +/- .005	ANGLES +/- 1/2	
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 1:1 SHEET 3 OF 7
APPLICATION		MATERIAL			

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



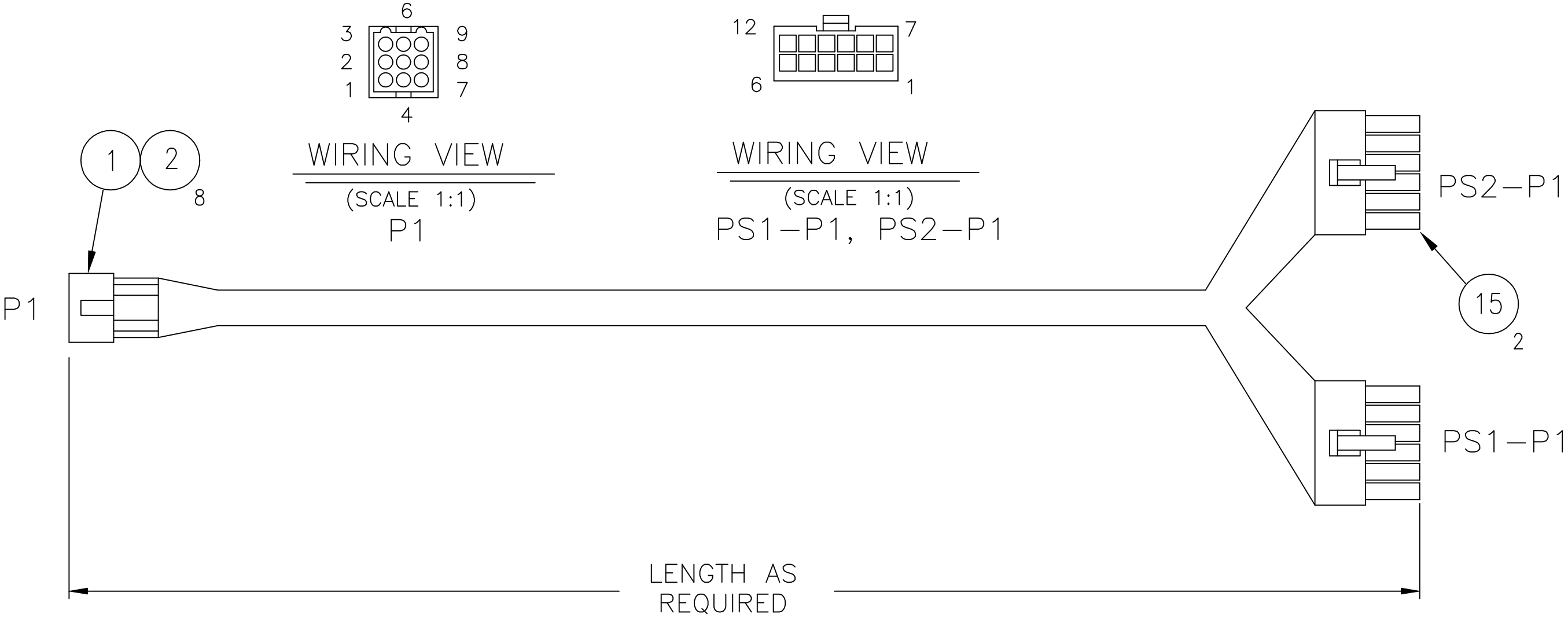
-504

WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-9	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-

FOR USE WITH: HC4011-C1224 or C1225 PS

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN: W.BARONOFSKY 8/21/98					
			CHECKED:					
			MECH ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB			
			ELECT ENGR:					
		APPROVAL: M.B. 09/98						
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES						
			DECIMALS ANGLES		SIZE	CODE ID	DRAWING NO.	REV
			.XX +/--.01		B	51336	22212570	B
			.XXX +/--.005 +/- 1/2					
NEXT ASSY	USED ON		DO NOT SCALE DRAWING		SCALE 1:1		SHEET 4 OF 7	
APPLICATION		MATERIAL						

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

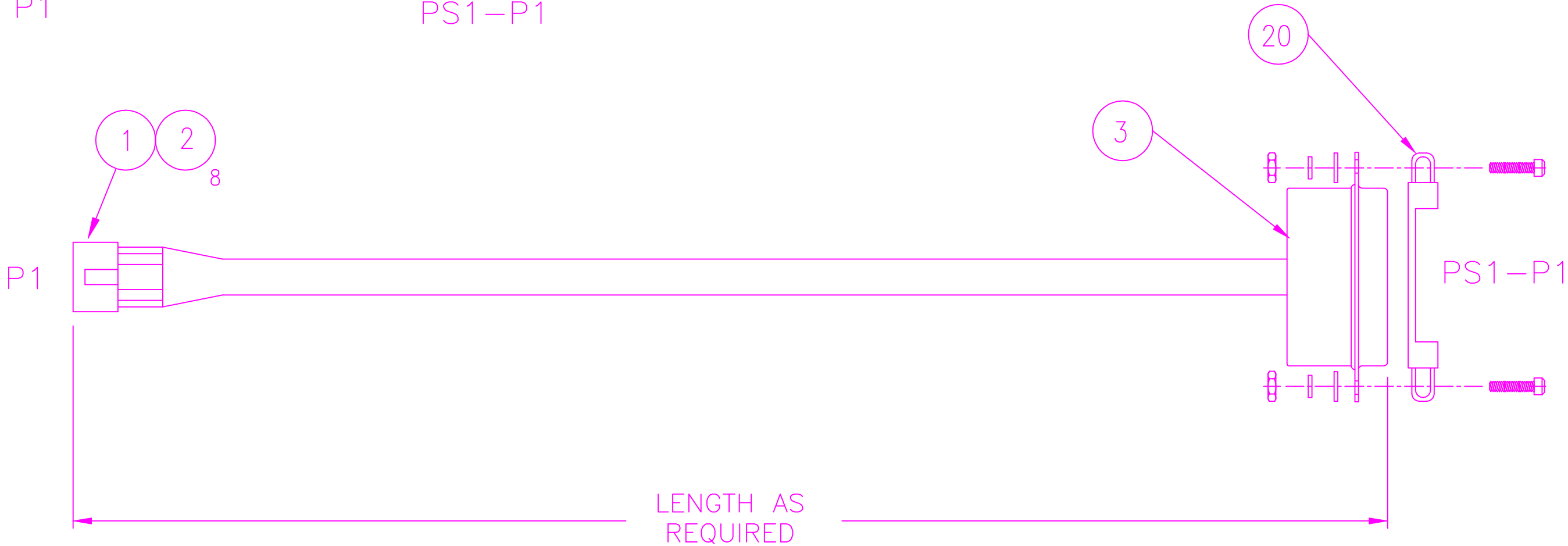
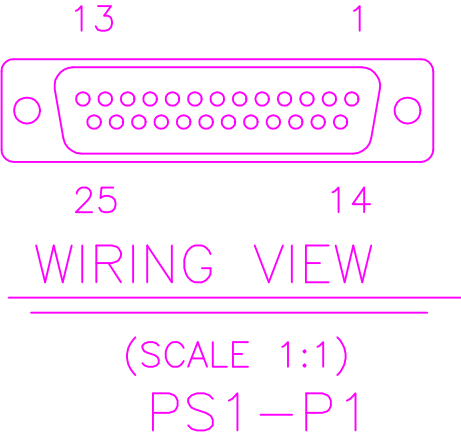
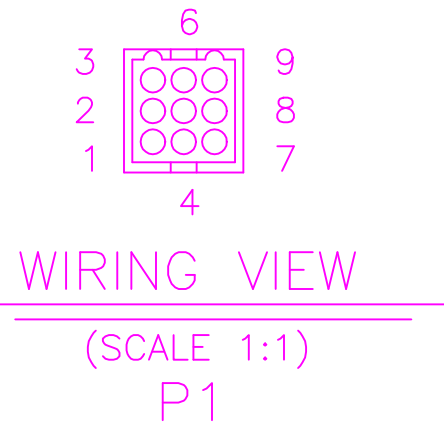


WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-8	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P1-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-8	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P1-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P1-4	AS REQ'D.	PS2 S-

FOR USE WITH: 2 EACH FN6000 -505

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422			
			DRAWN: W.BARONOFSKY 8/21/98					
			CHECKED:					
			MECH ENGR:					
		FINISH	ELECT ENGR:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB			
			APPROVAL: M.B. 09/98					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES					
			DECIMALS ANGLES .XX +/- .01 .XXX +/- .005 +/- 1/2					
NEXT ASSY	USED ON			DO NOT SCALE DRAWING		SIZE B	CODE ID 51336	DRAWING NO. 22212570
APPLICATION		MATERIAL			SCALE 1:1		SHEET 5 OF 7	

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		

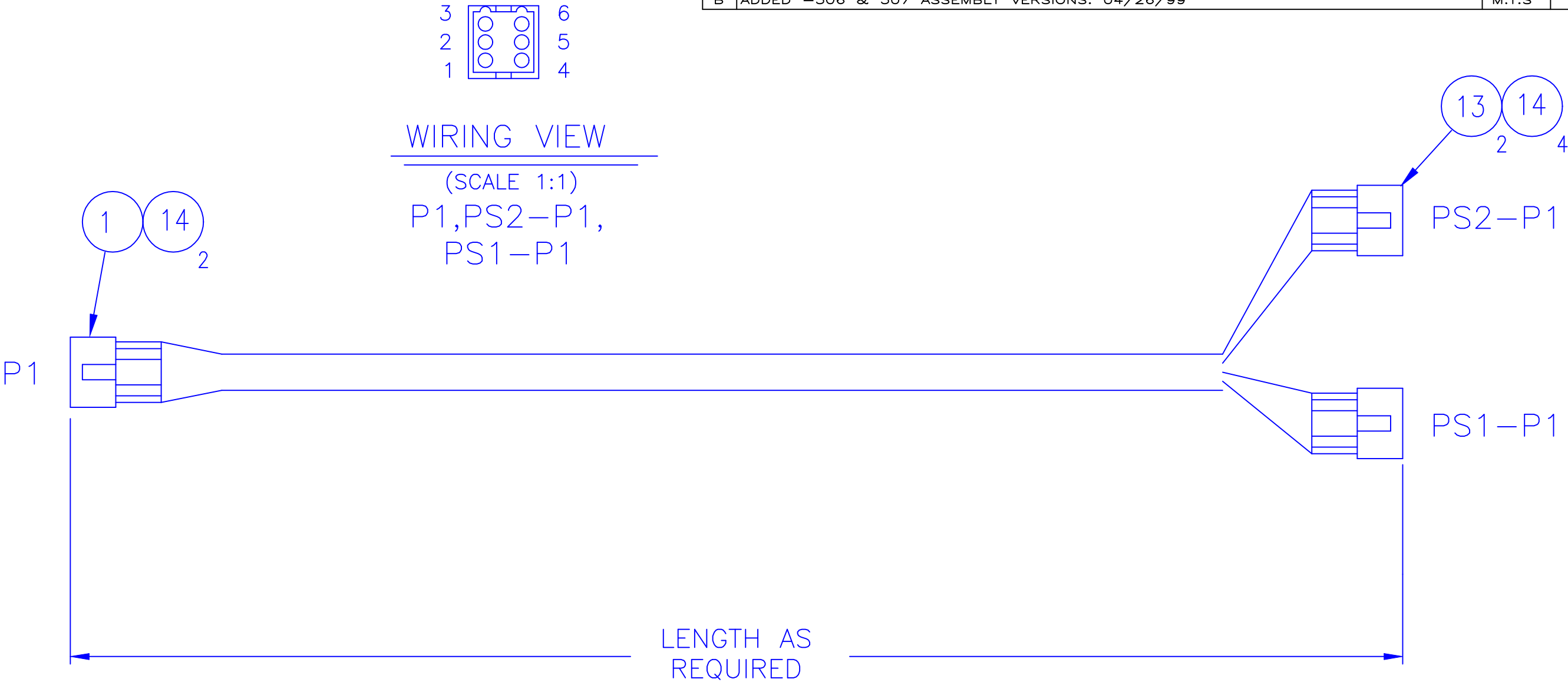


WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P1-9	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-10	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P1-16	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P1-15	AS REQ'D.	PS1 S-

—506
FOR USE WITH: HC4011-C1224 OR C1225 P.S.

			PARTS LIST		ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422									
			DRAWN: W.BARONOFSKY	8/21/98										
			CHECKED:		TITLE CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB									
			MECH ENGR:											
			ELECT ENGR:											
		FINISH	APPROVAL:	M.B.	09/98	SIZE B			CODE ID 51336		DRAWING NO. 22212570		REV B	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES											
NEXT ASSY	USED ON		DECIMALS		ANGLES									
			.XX +/- .01											
			.XXX +/- .005		+/- 1/2									
APPLICATION		MATERIAL	DO NOT SCALE DRAWING			SCALE 1:1				SHEET 6 OF 7				

REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
—	INITIAL RELEASE. 08/21/98	W.B.	MB	01/99
A	ECN #3328: NUMEROUS CHANGES TO P.L. PER ECN. 03/11/99	M.T.S	DM	04/99
B	ADDED -506 & 507 ASSEMBLY VERSIONS. 04/26/99	M.T.S		



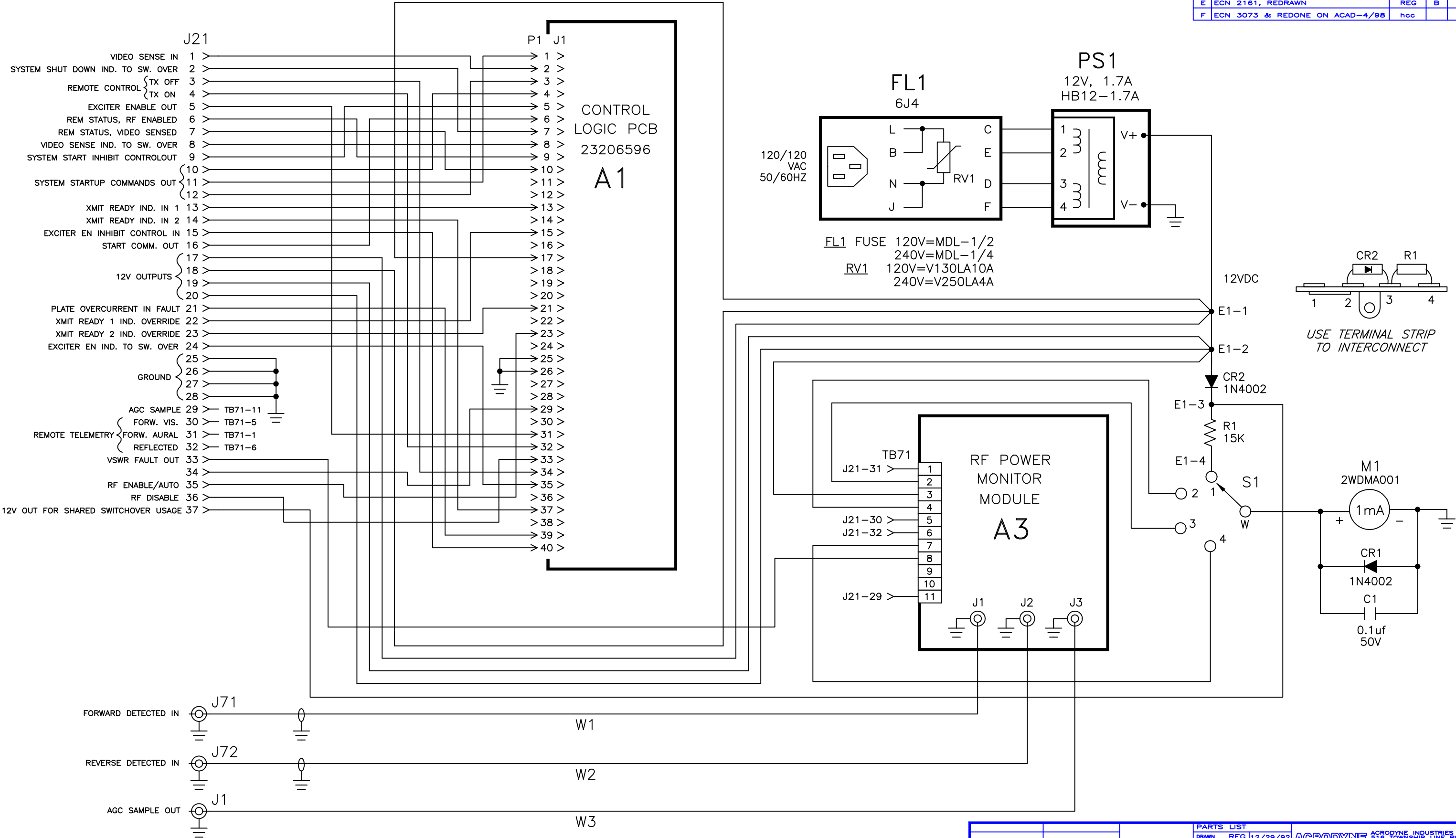
WIRING LIST					
WIRE #	COLOR/AWG	FROM	TO	LENGTH	SIGNAL
W1	BRN #22	P1-1	PS1-P2-6	AS REQ'D.	PS1 ENABLE
W2	RED #22	P1-2	PS1-P1-7	AS REQ'D.	PS1 I MON
W3	ORG #22	P1-3	PS1-P2-1	AS REQ'D.	PS1 S+
W4	YEL #22	P1-4	PS1-P2-4	AS REQ'D.	PS1 S-
W5	BRN #22	P1-6	PS2-P2-6	AS REQ'D.	PS2 ENABLE
W6	RED #22	P1-7	PS2-P1-7	AS REQ'D.	PS2 I MON
W7	ORG #22	P1-5	PS2-P2-1	AS REQ'D.	PS2 S+
W8	YEL #22	P1-8	PS2-P2-4	AS REQ'D.	PS2 S-

—507

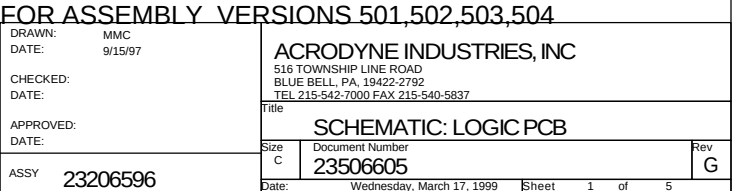
FOR USE WITH: 2 EACH EJN-6000

				PARTS LIST			
				DRAWN: W.BARONOFSKY	8/21/98	ACRODYNE	
				CHECKED:		ACRODYNE INDUSTRIES, INC.	
				MECH ENGR:		516 TOWNSHIP LINE ROAD	
				ELECT ENGR:		BLUE BELL PA. 19422	
		FINISH		APPROVAL: M.B.	09/98	TITLE	
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		CABLE ASSY: DC POWER SUPPLY FUSE AND DISTRIBUTION PCB	
				DECIMALS	ANGLES	SIZE	CODE ID
				.XX +/- .01		B	51336
				.XXX +/- .005	+/- 1/2		DRAWING NO.
				DO NOT SCALE DRAWING			22212570
NEXT ASSY		USED ON				REV	B
APPLICATION		MATERIAL				SCALE	1:1
						SHEET 7 OF 7	

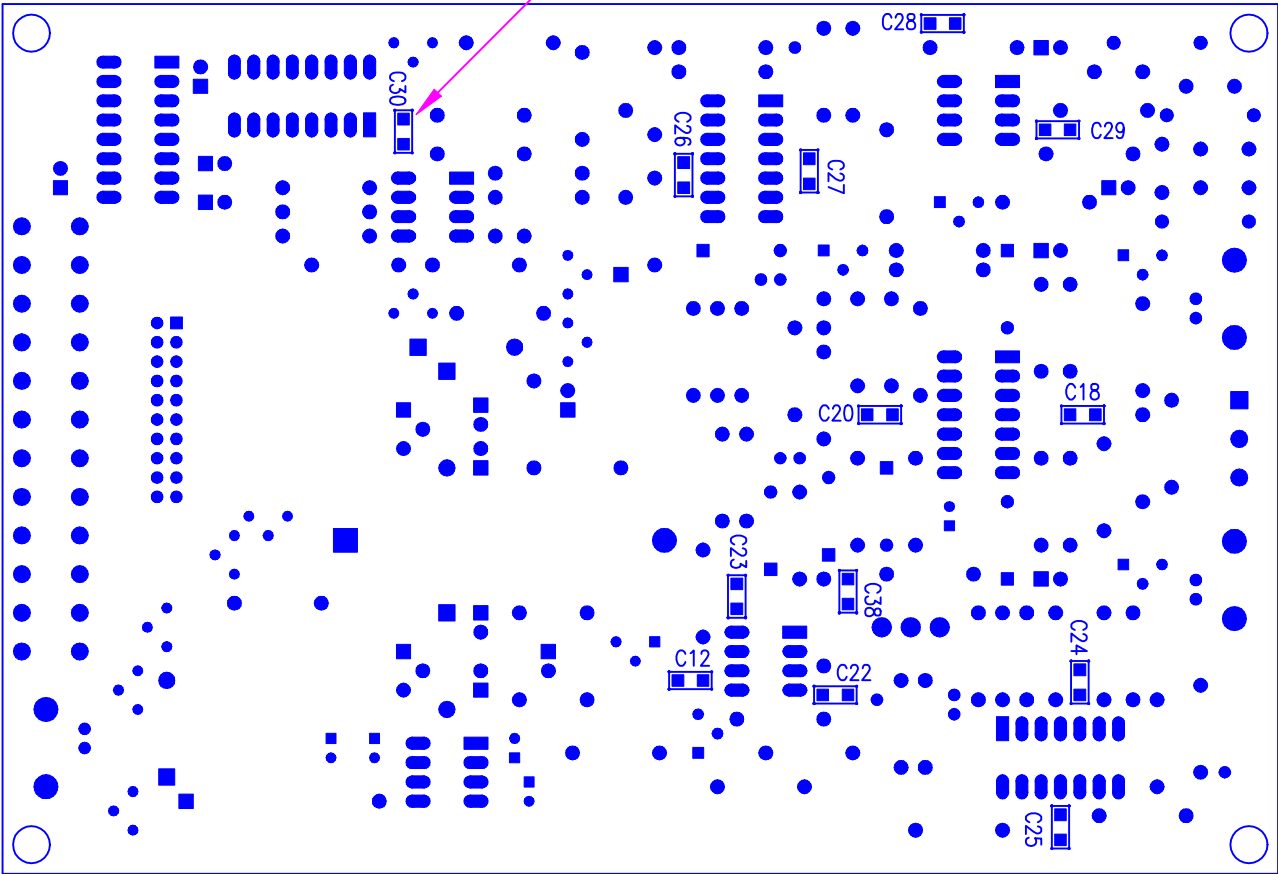
REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
E	ECN 2161, REDRAWN	REG	B	
F	ECN 3073 & REDONE ON ACAD-4/98	hec		



PARTS LIST		DRAWN		REG		12/29/92	
CHECKED		MECH ENGR		ELECT ENGR		APPROVAL	
FINISH		UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		TOLERANCES	
DECIMALS		ANGLES		DO NOT SCALE DRAWING		TITLE	
NEXT ASSY		TRU/5KA		USED ON		ACRODYNE	
APPLICATION		MATERIAL		DO NOT SCALE DRAWING		ACRODYNE INDUSTRIES, INC.	
SCALE		SHEET		1 OF 1		516 TOWNSHIP LINE ROAD	
SIZE		CODE ID		DRAWING NO.		BLUE BELL PA. 19422	
D		51336		24506619		TITLE	
WIRING DIAGRAM, CONTROL LOGIC CHASSIS		REV		F		1	



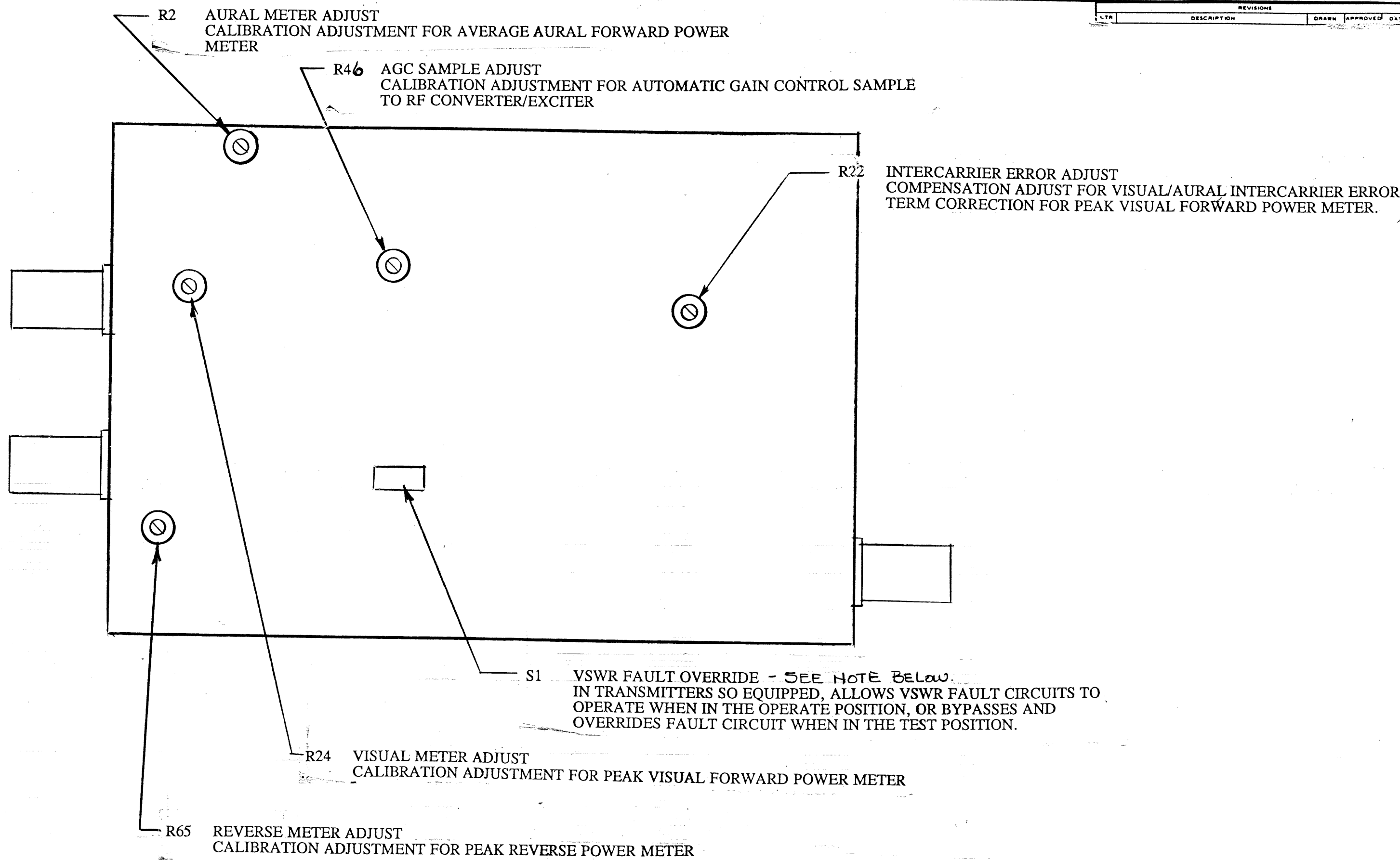
DO NOT INSTALL C30 FOR 502,504,506,508.



REVISIONS				
LTR	DESCRIPTION	DRAWN	APR	DATE
A	3/4" STANDOFF ON OTHER SIDE	JKC	MB	4/93
B	ECN 2226 & 2251	SGM	MB	5/93
C	ECN 2263	SGM	MB	4/94
D	ECN 2374	CSM	MB	5/94
E	CH'G BD TO REFLECT ECN 2374	SGM	MB	5/94
F	P/L CHANGE, PER ECN 2445	MTS	MB	5/95
G	P/L UPDATE	MTS		
H	ADD R78, SEE ECN 2909	HFG	MB	9/97
I	ECN 2983	HFG	MB	1/98
J	ECN 3026(SOME 3016),UPGRADE TO ACAD/WORD	hcc		
K	SEE ECN #'S 3124, 3146, 3156	JJC	MV	6/98
L	NEW ARTWORK-----4/2/98	MMC		
M	REVISE BOM ITEMS 37, 38, 39 PER ECN 3307	AJG		

501-508 PCB BOTTOM ASSEMBLY

			PARTS LIST			ACRODYNE ACRODYNE INDUSTRIES INC. 516 TOWNSHIP LINE ROAD BLUE BELL PA. 19422				
			DRAWN	SGM	7/19/93					
			CHECKED							
			MECH ENGR							
		FINISH	ELECT ENGR			TITLE ASSEMBLY, RF POWER MONITOR CHASSIS				
			APPROVAL MB		7/93					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES							
			DECIMALS ANGLES .XX +/--.01 .XXX +/--.005 +/- 1/2							
NEXT ASSY	USED ON		DO NOT SCALE DRAWING			SCALE: N/A		SHEET 5 OF 5		
APPLICATION		MATERIAL								



NOTE
THE TEST POSITION IS ONLY TO BE USED DURING RF POWER METER CALIBRATION PROCEDURES. THIS SWITCH MUST REMAIN IN THE OPERATE POSITION FOR CONTINUED EQUIPMENT PROTECTION

WARNING

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