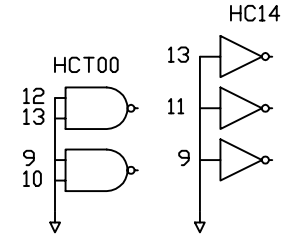
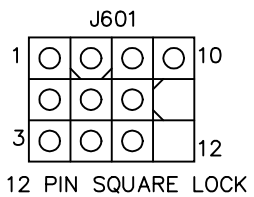
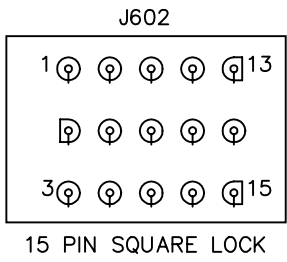
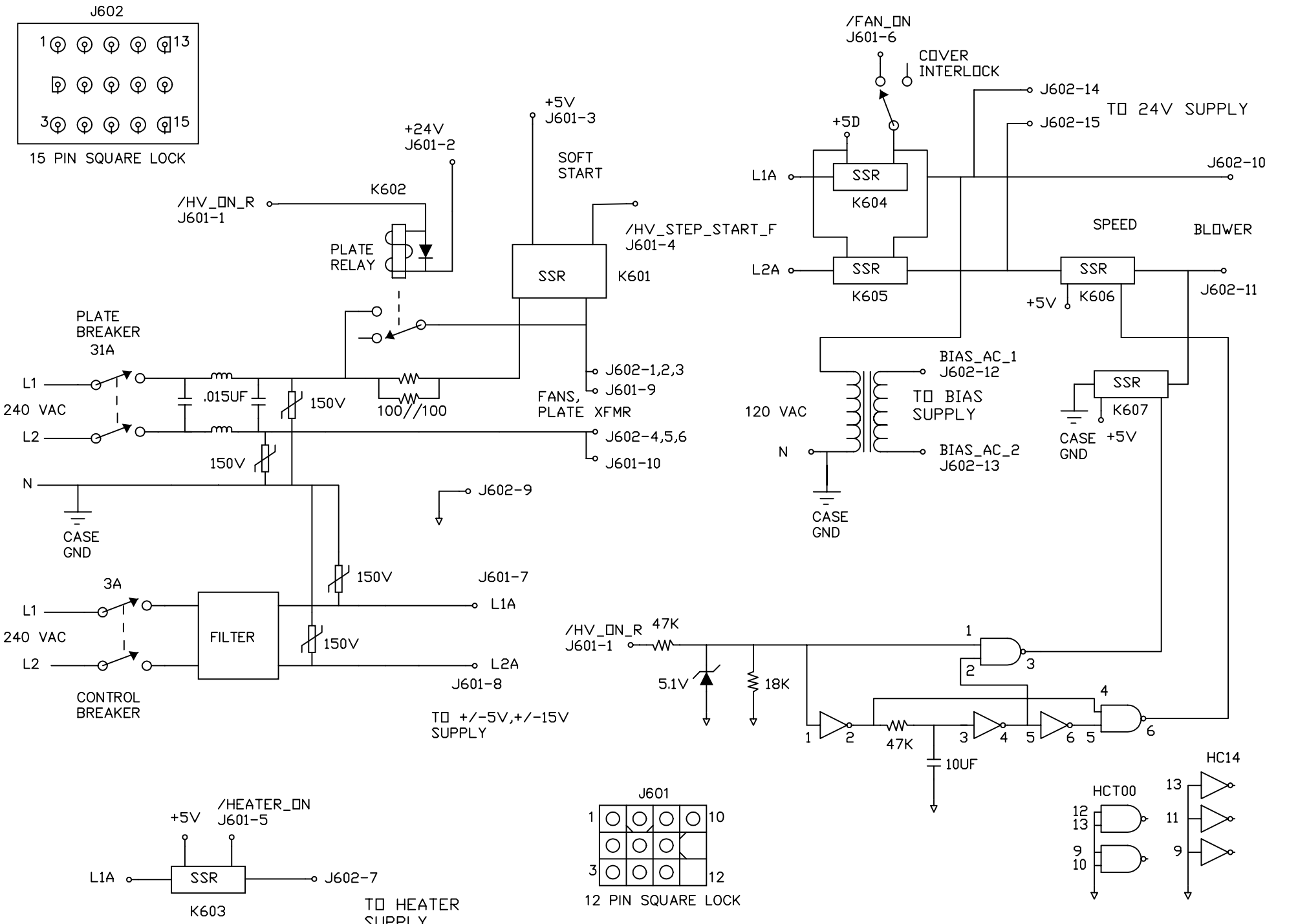
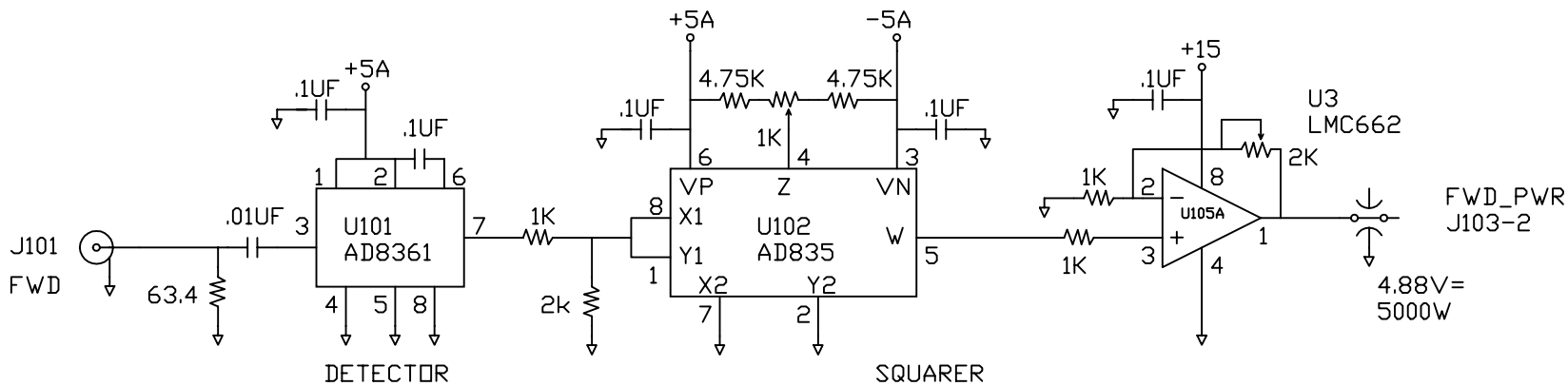


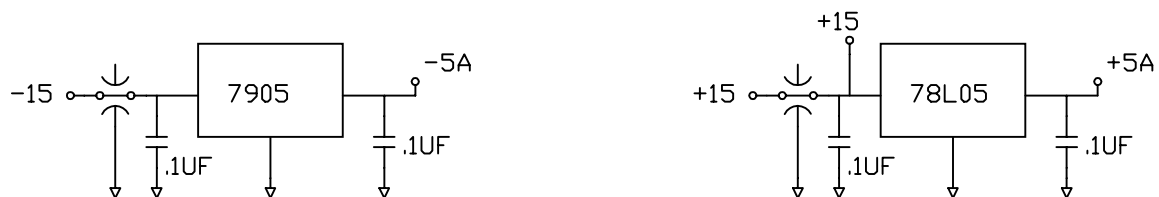
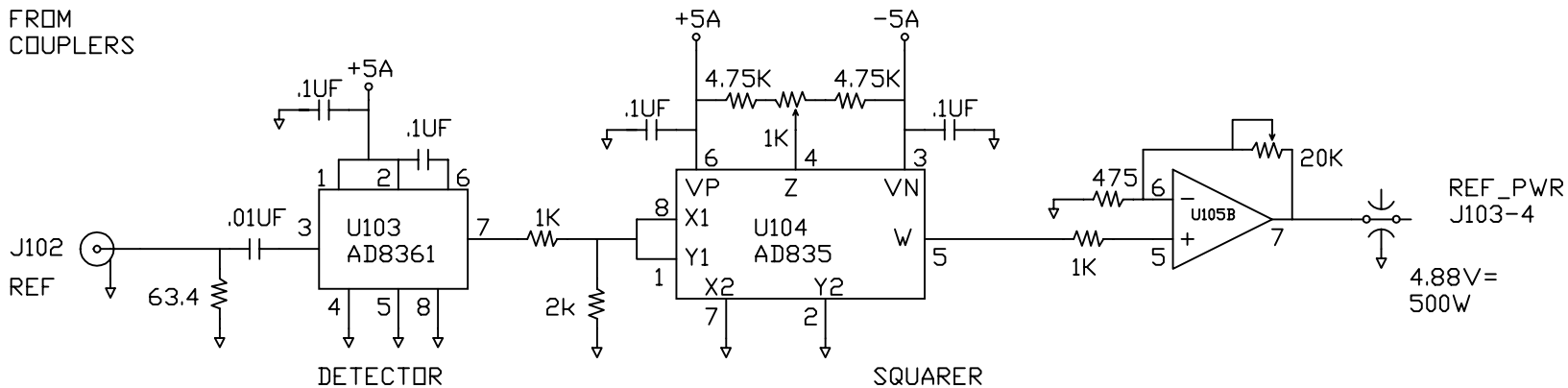
TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 12 JAN 02	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP SYSTEM INTERCONNECT				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER SYSTEM CCONNECT.DWG	REV



TOLERANCES		SCALE	DO NOT	FINISH	DRAWN BY	DATE			
		1-1	SCALE		24	OCT 01			
		MATERIAL			CHECKED BY	DATE			
TITLE YC156 AMP AC MODULE						DWG SZ	SHEET	DRAWING NUMBER	REV
						A	1 OF 1	AC MODULE SCH	DWG

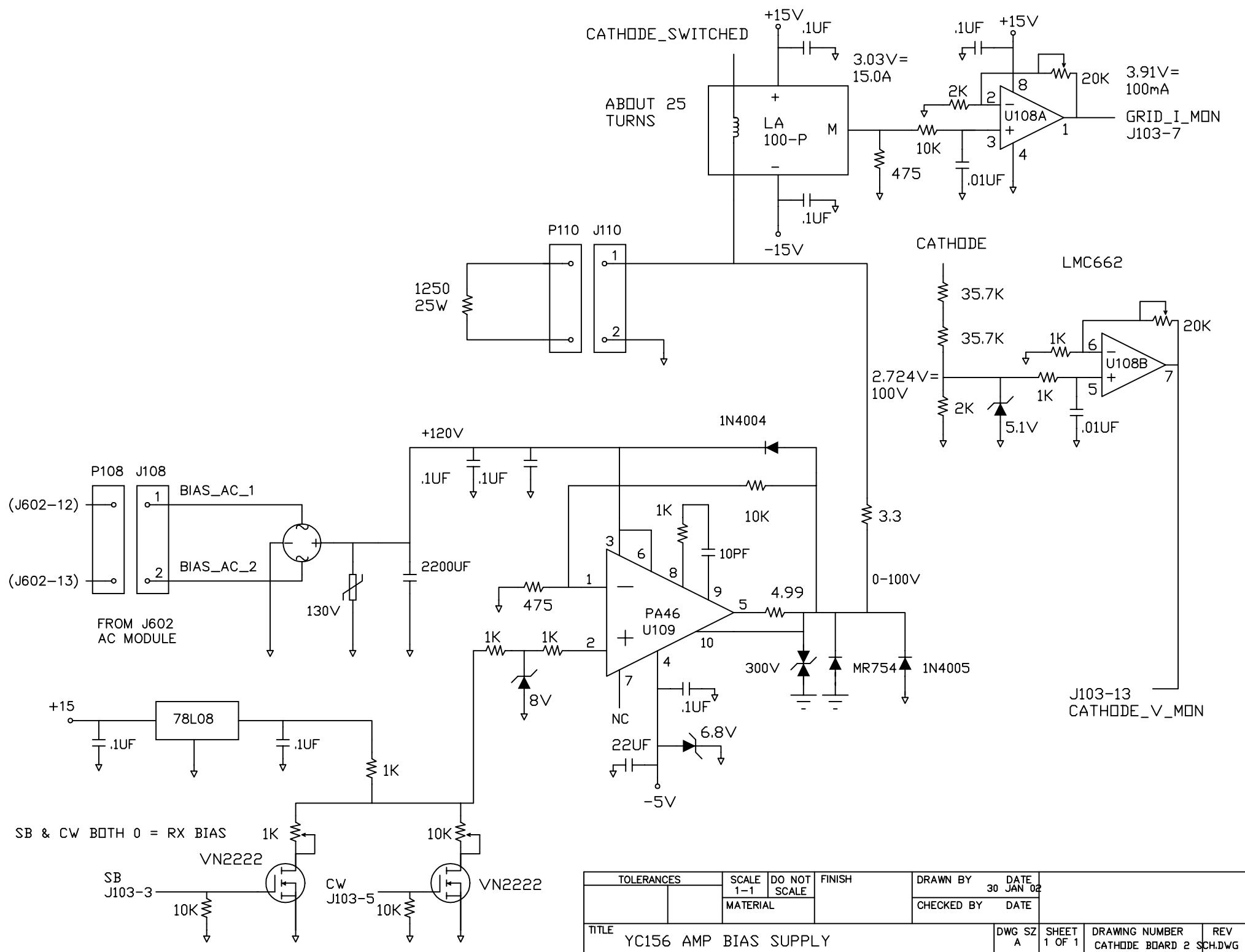


FROM
COUPLERS

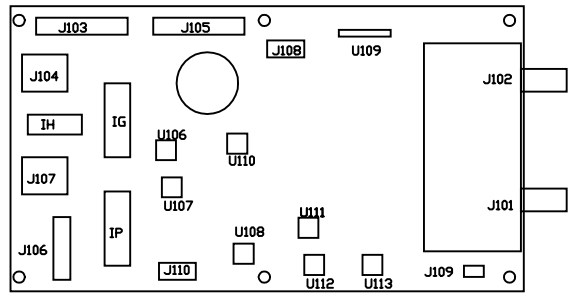
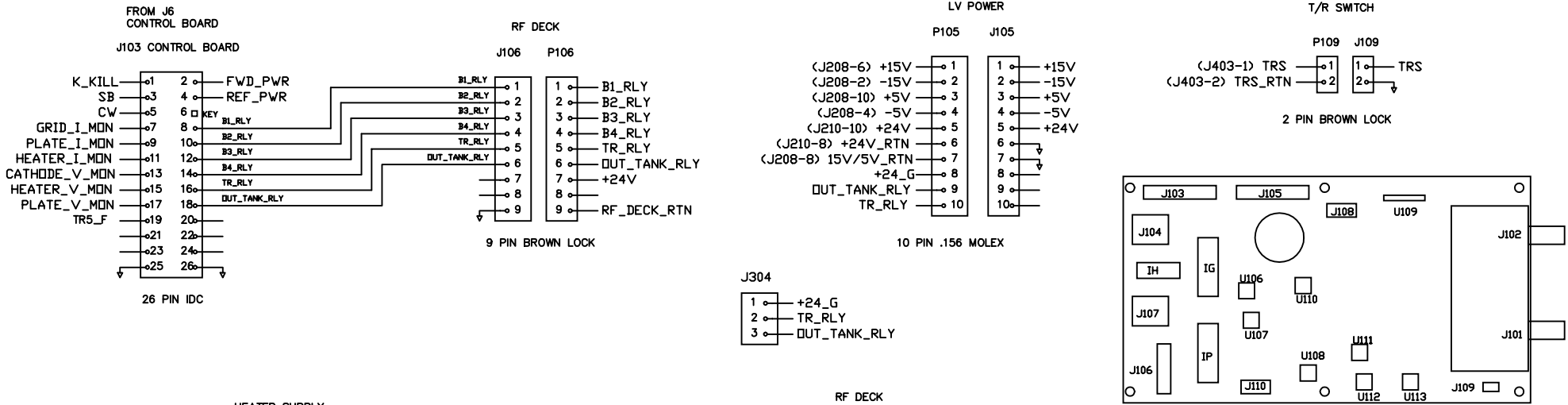


SHIELD BOX

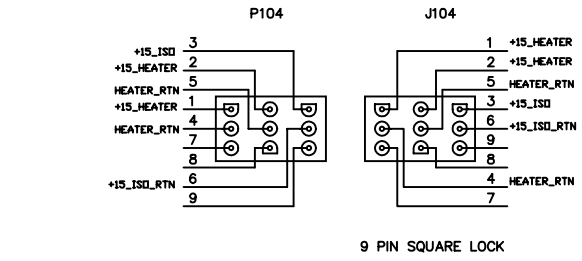
TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 03 MAR 01
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP FWD, REF RF DETECTORS				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER CATHODE BOARD 1	REV SCH.DWG



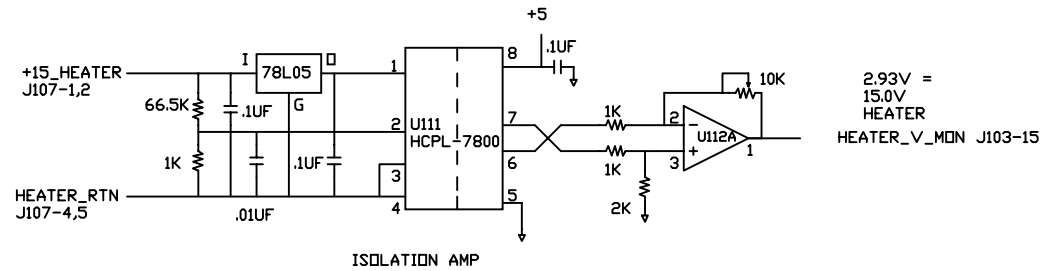
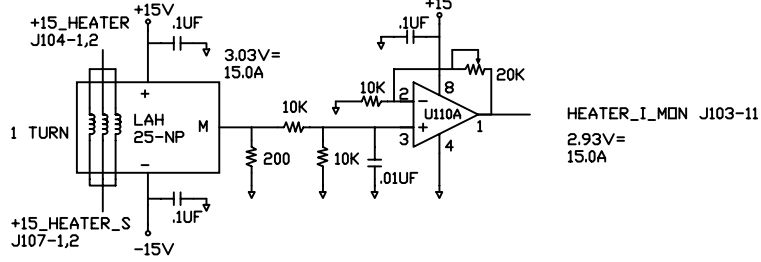
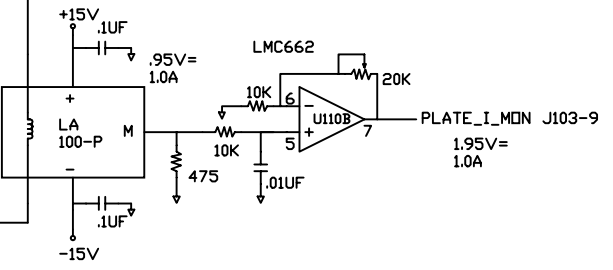
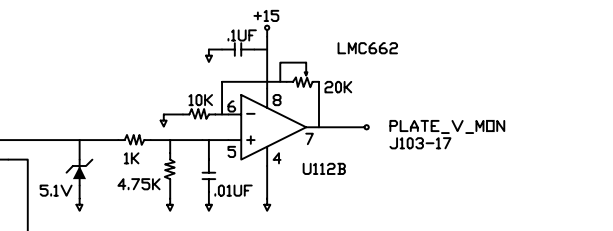
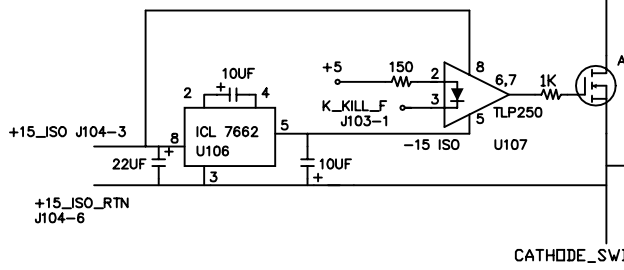
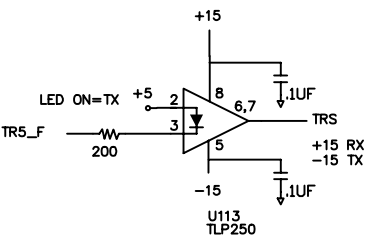
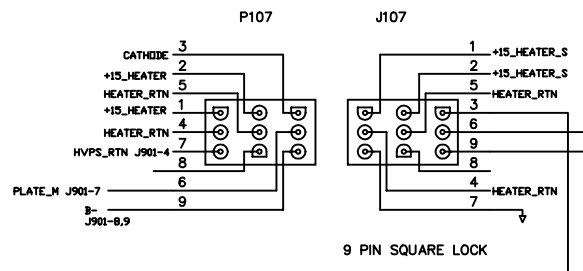
TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 30 JAN 02
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP BIAS SUPPLY				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER CATHODE BOARD 2	REV SCH.DWG



HEATER SUPPLY

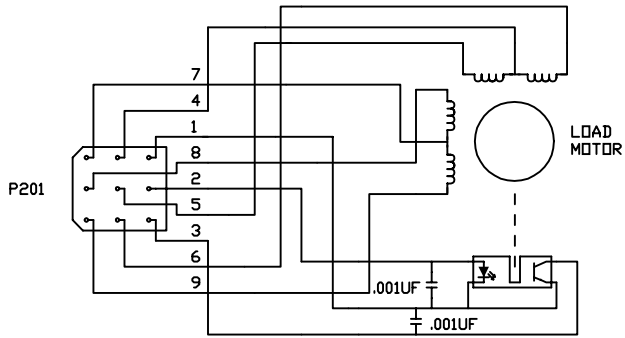


RF DECK

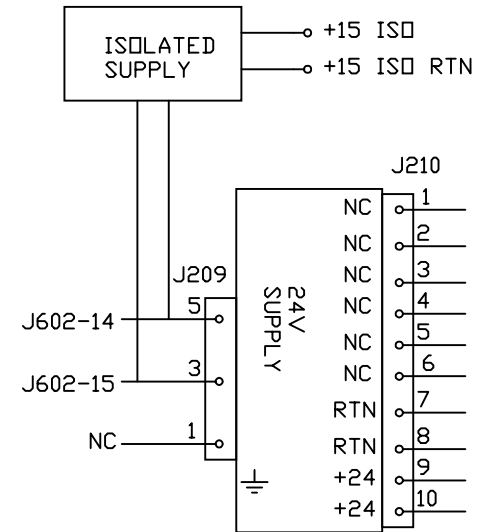
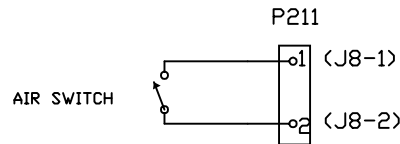
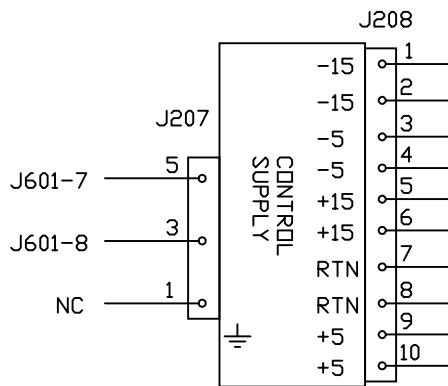
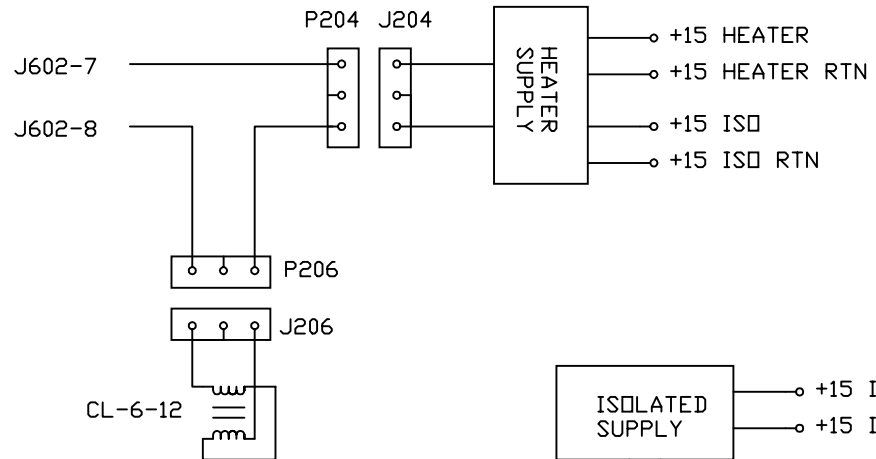
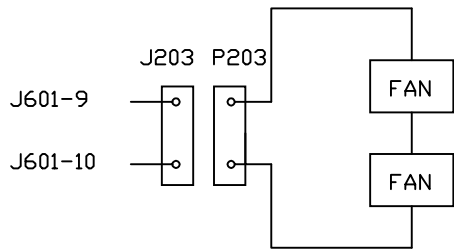
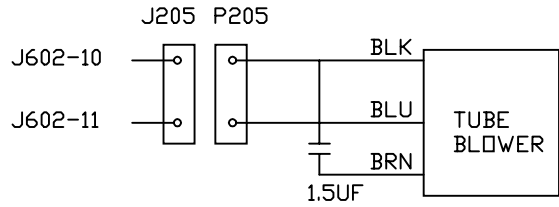
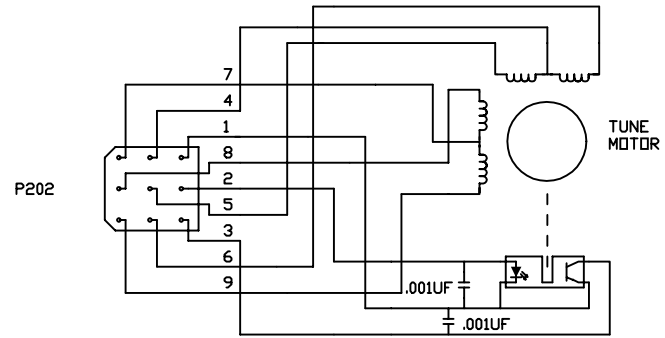


TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 30 JAN 02	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP PLATE,HEATER METERING				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER CATHODE BOARD 3	REV SCH.DWG

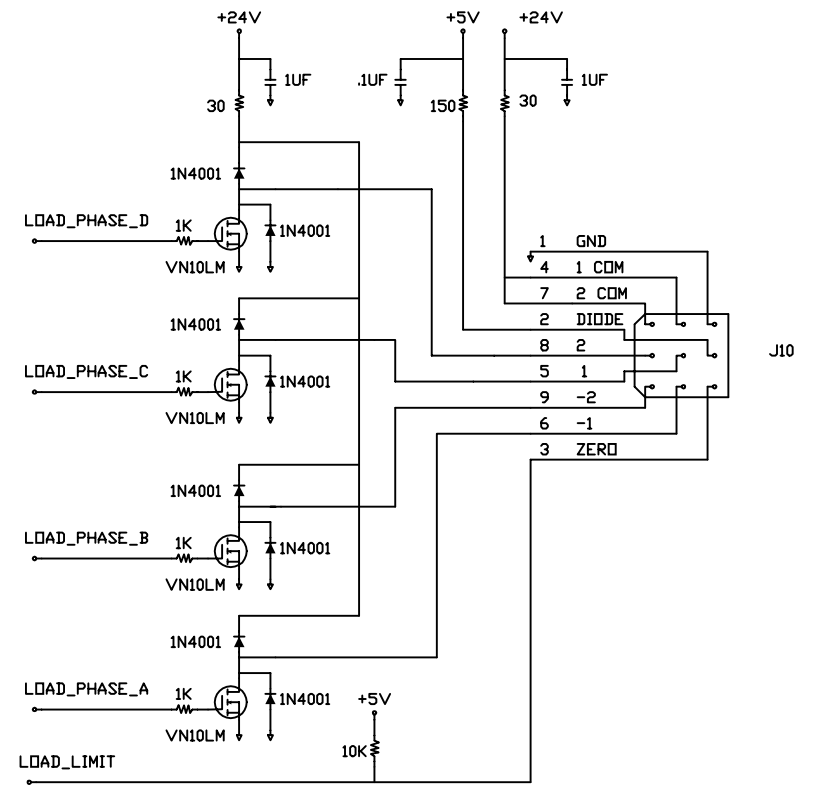
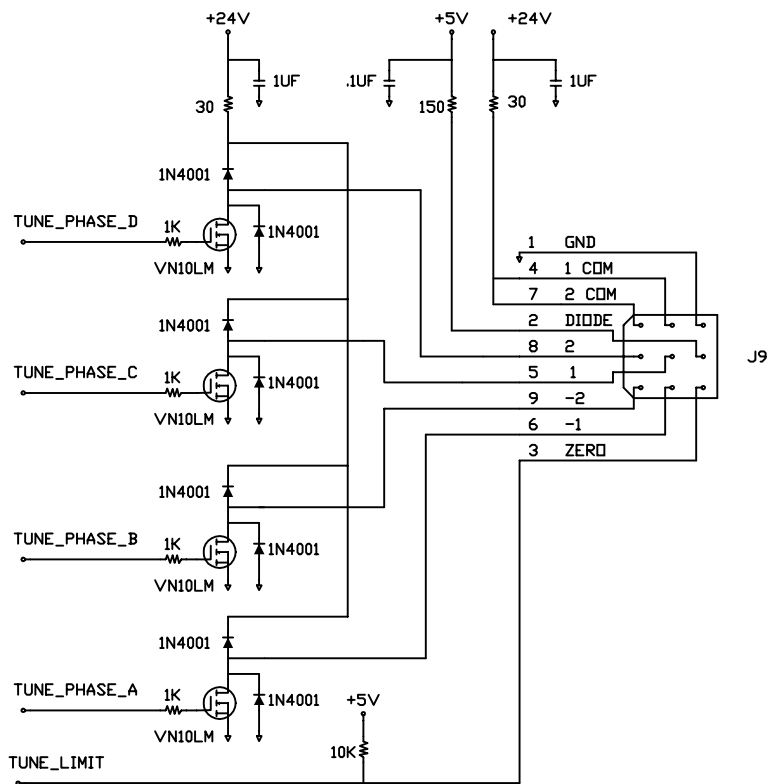
- 1 BRN
- 2 VID
- 3 DRG
- 4 BLK
- 5 RED
- 6 WHT-RED
- 7 WHT
- 8 GRN
- 9 WHT-GRN



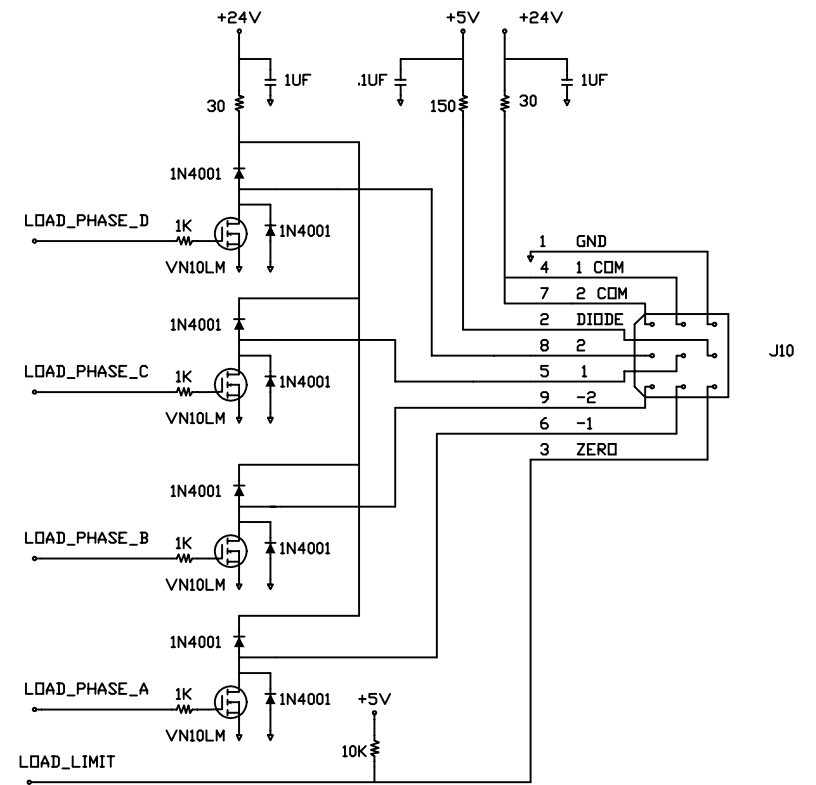
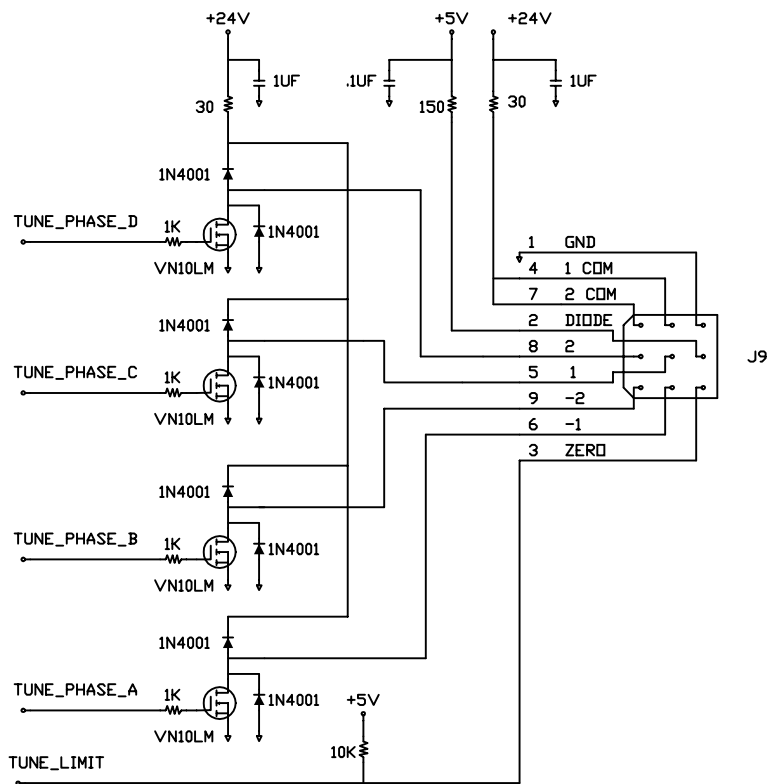
- 1 BRN
- 2 VID
- 3 DRG
- 4 BLK
- 5 RED
- 6 WHT-RED
- 7 WHT
- 8 GRN
- 9 WHT-GRN



TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 12 JAN 02			
	MATERIAL			CHECKED BY	DATE			
TITLE YC156 AMP CHASSIS MOUNTED PARTS				DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER CHASSIS SCH.DWG	REV	

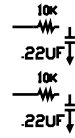


TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 10 MAY 01		
	MATERIAL			CHECKED BY	DATE		
TITLE YC156 AMP MOTOR DRIVERS				DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER CONTROL BOARD 3	REV SCH.DWG

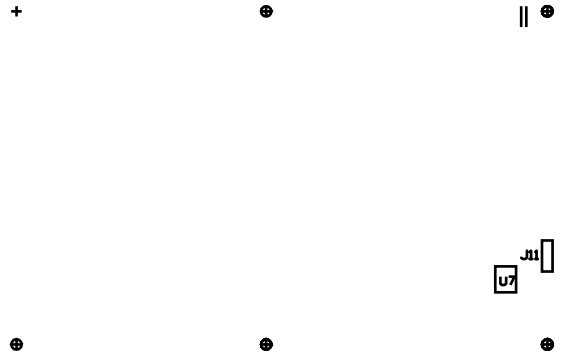


TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 10 MAY 01		
	MATERIAL			CHECKED BY	DATE		
TITLE YC156 AMP MOTOR DRIVERS				DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER CONTROL BOARD 3	REV SCH.DWG

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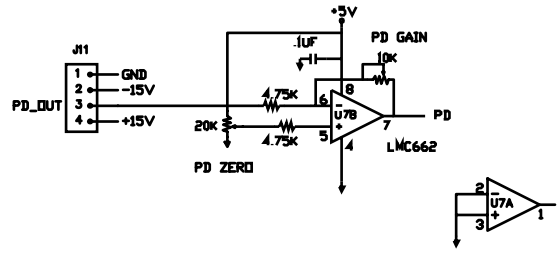


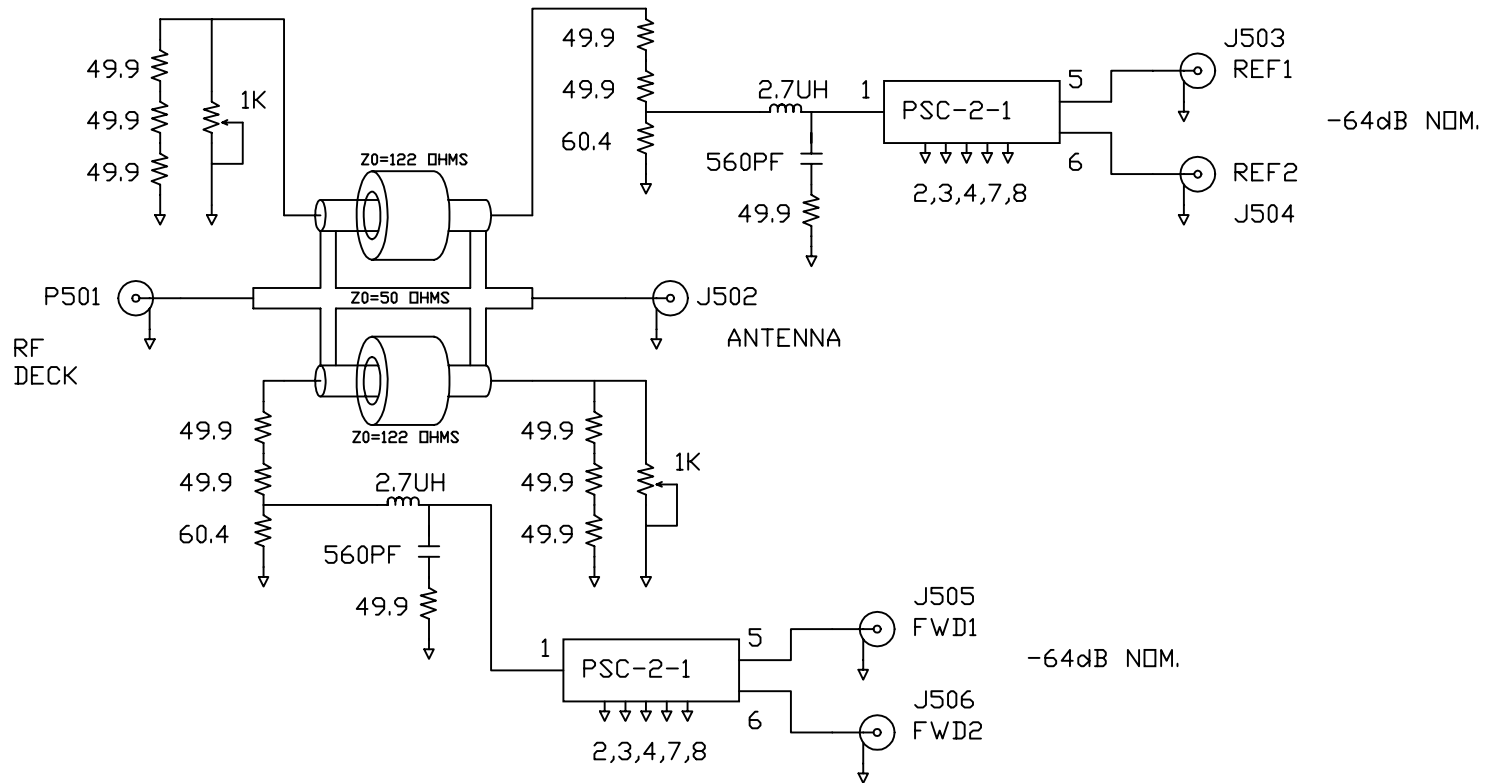
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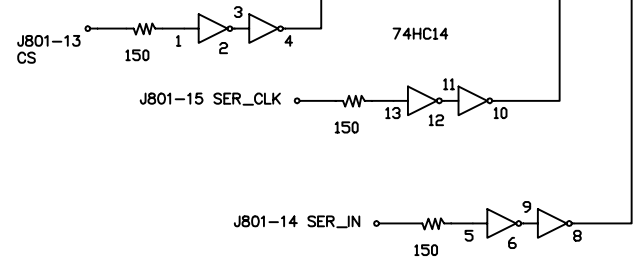
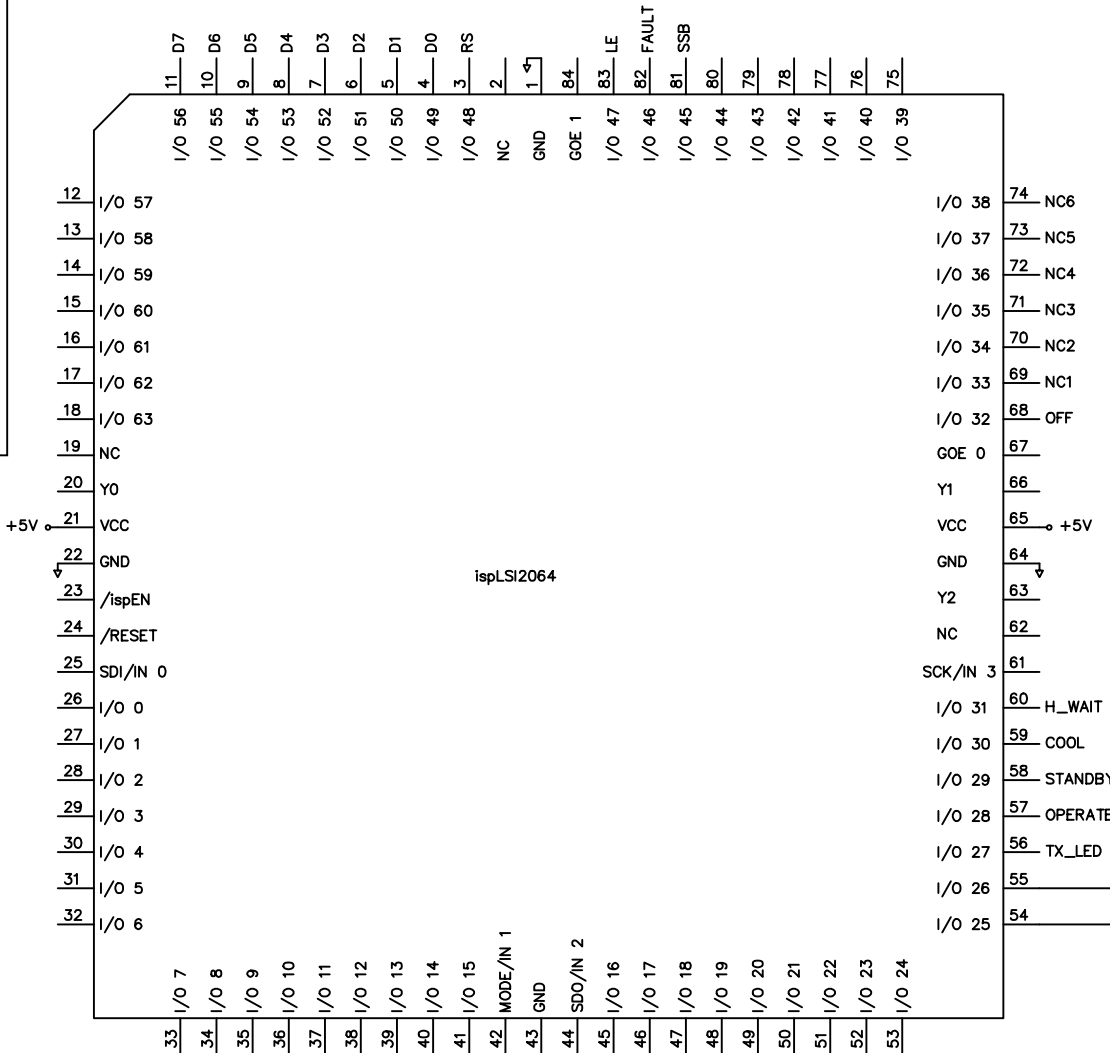
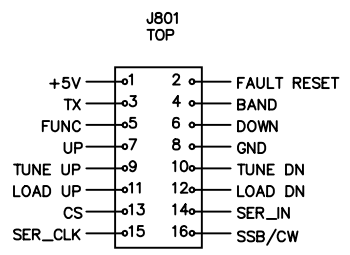
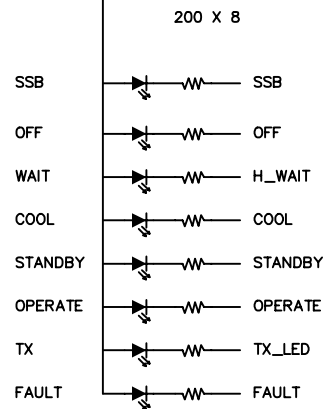
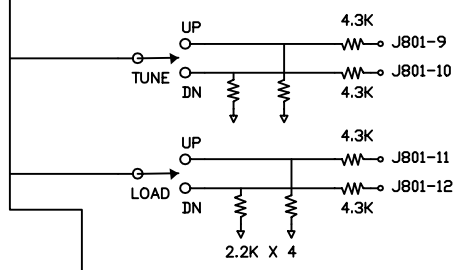
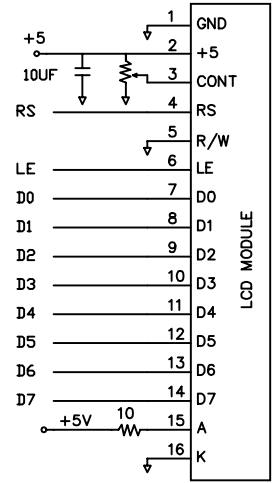
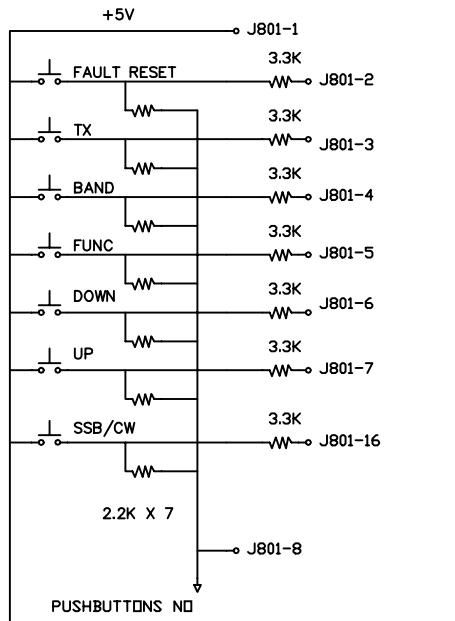
-W-
3.92K

-W-
3.92K

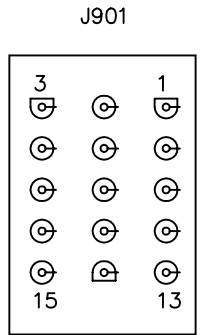
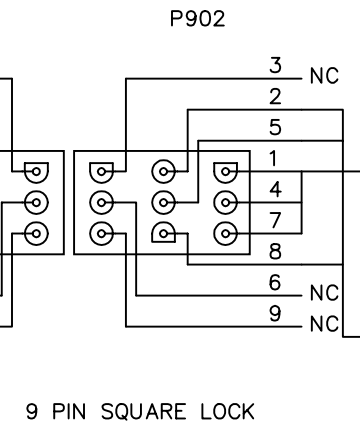
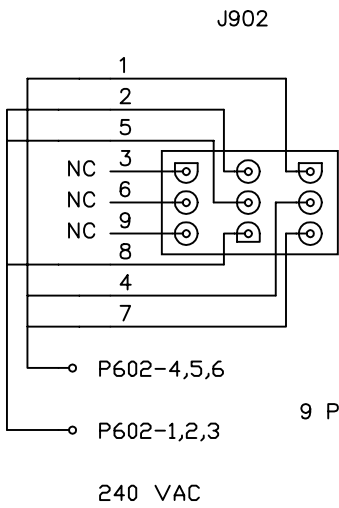
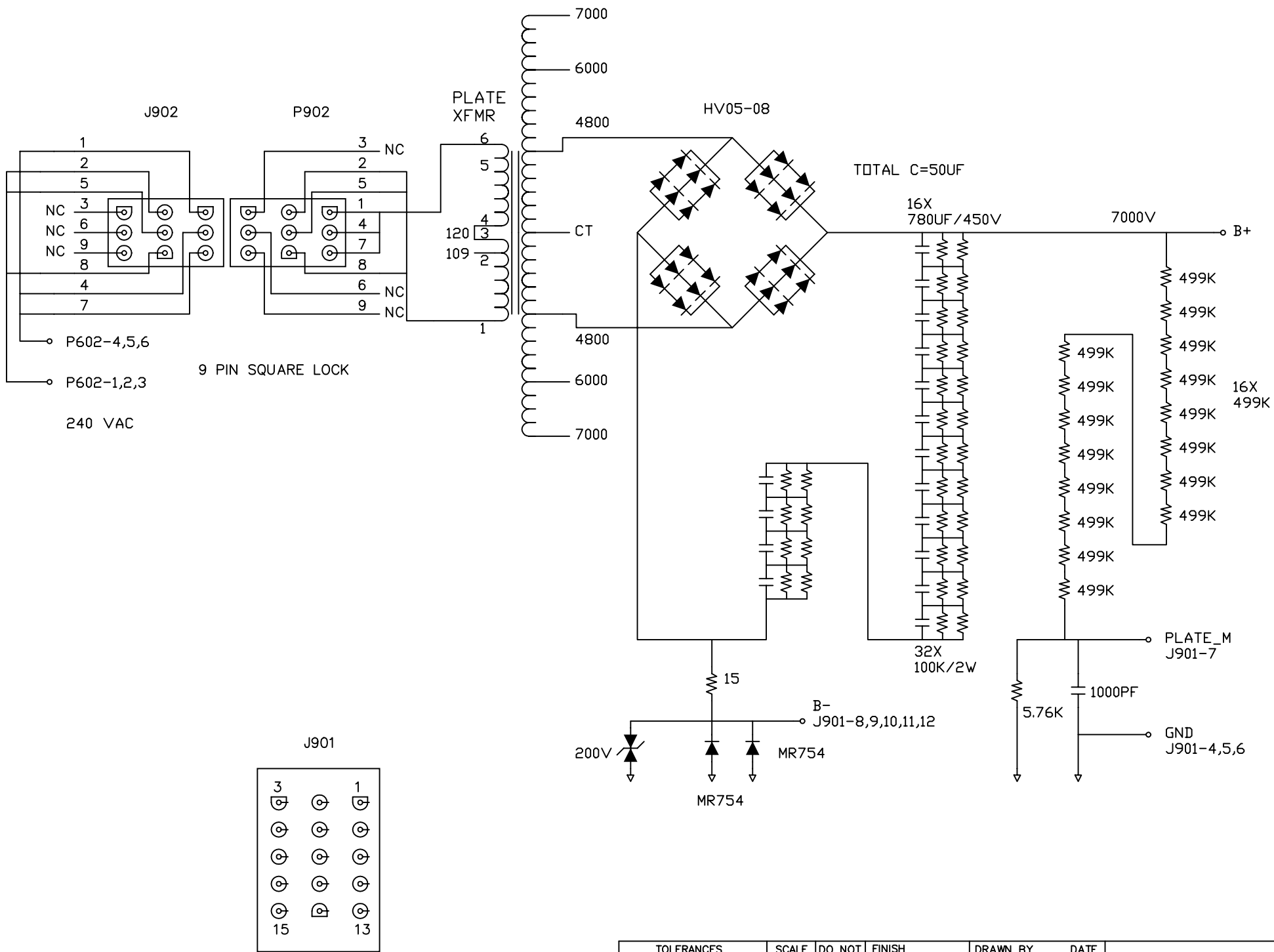




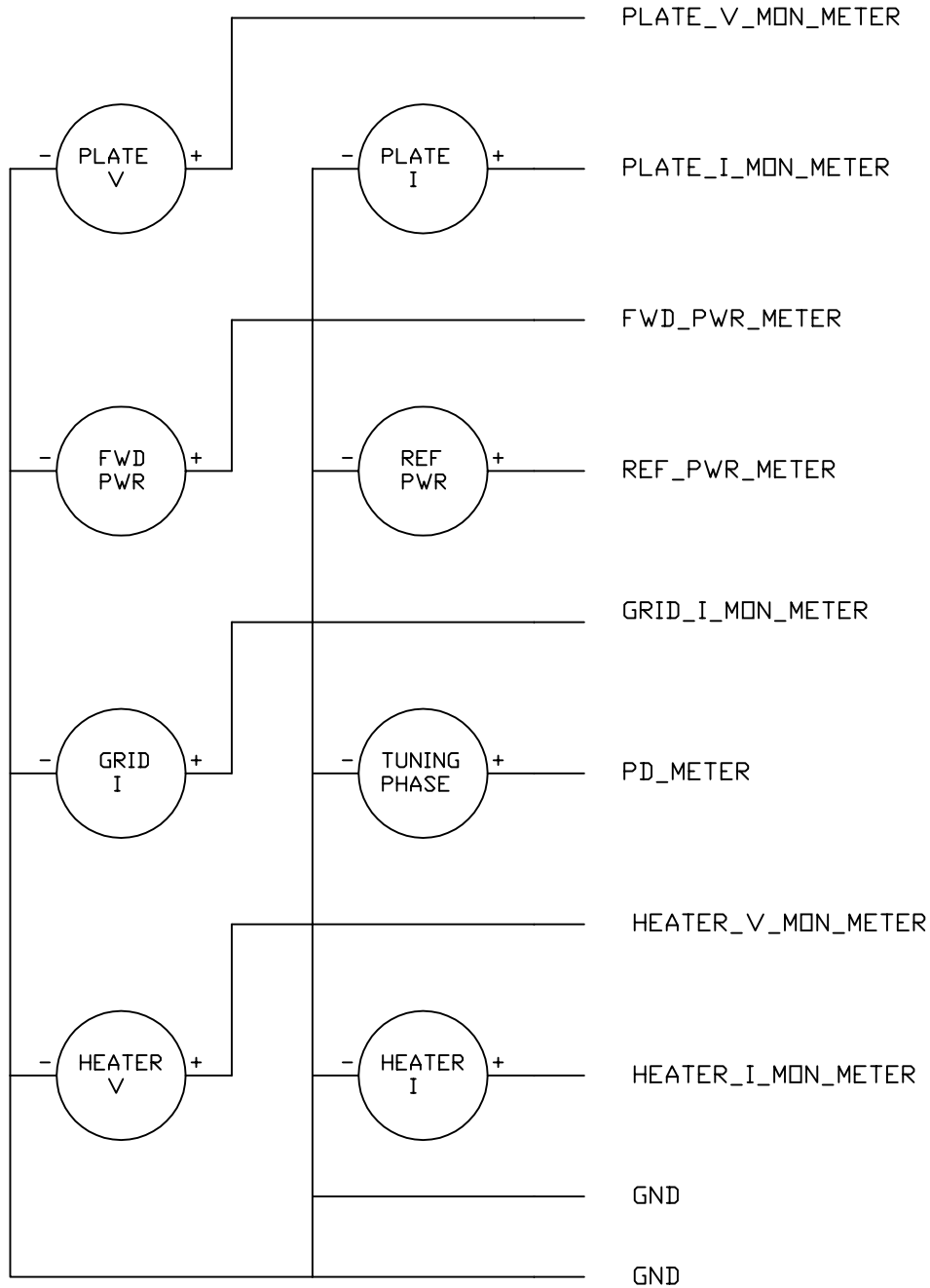
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		MATERIAL			CHECKED BY	DATE				
TITLE YC156 AMP DIRECTIONAL COUPLERS							DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER COUPLER MODULE SCH.DWG	REV



TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 06 MAY 01	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP DISPLAY BOARD				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER	REV

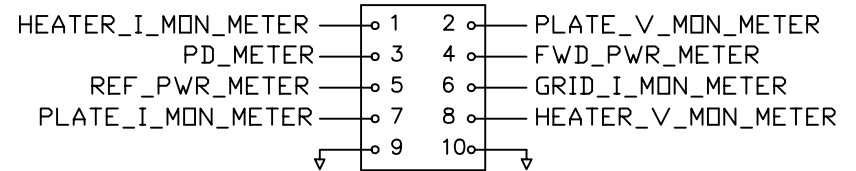


TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 25 AUG 01	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP HVPS MODULE				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER HVPS MODULE SCH.DWG	REV

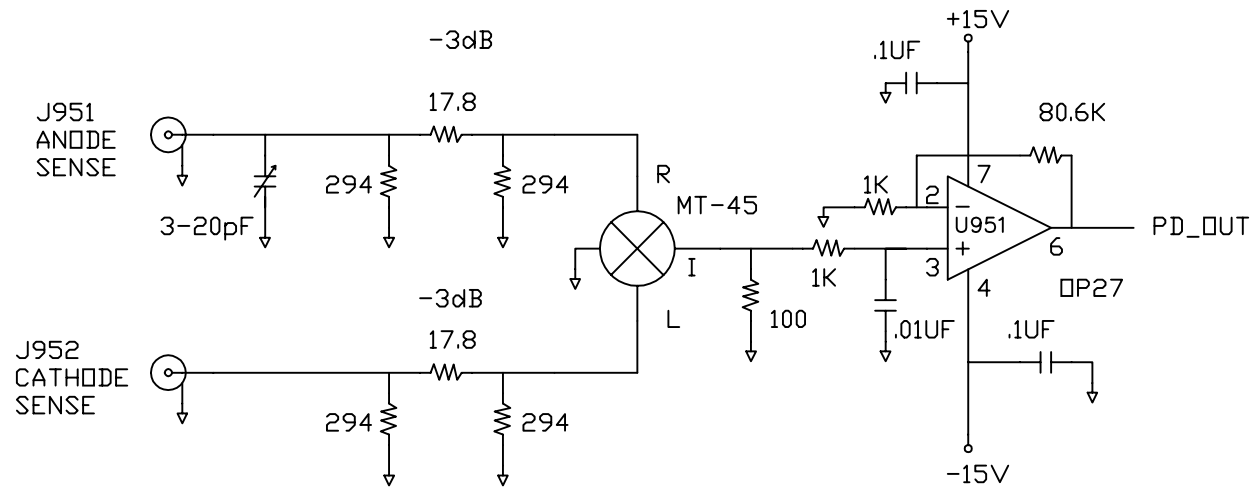


METERS 1mA FS

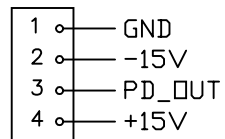
J701
TOP



TOLERANCES		SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE				
		MATERIAL				15 DEC 01				
					CHECKED BY	DATE				
TITLE YC156 AMP METER BOARD							DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER YC METER BOARD SCH	REV DWG

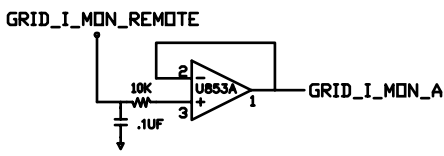
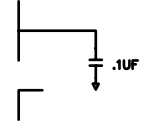
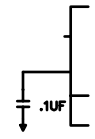
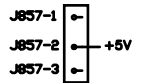
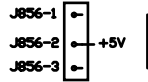
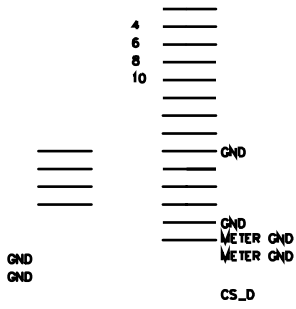


P951

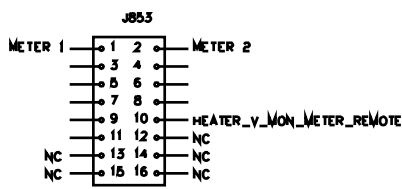
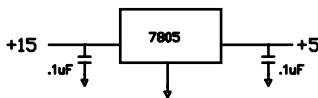
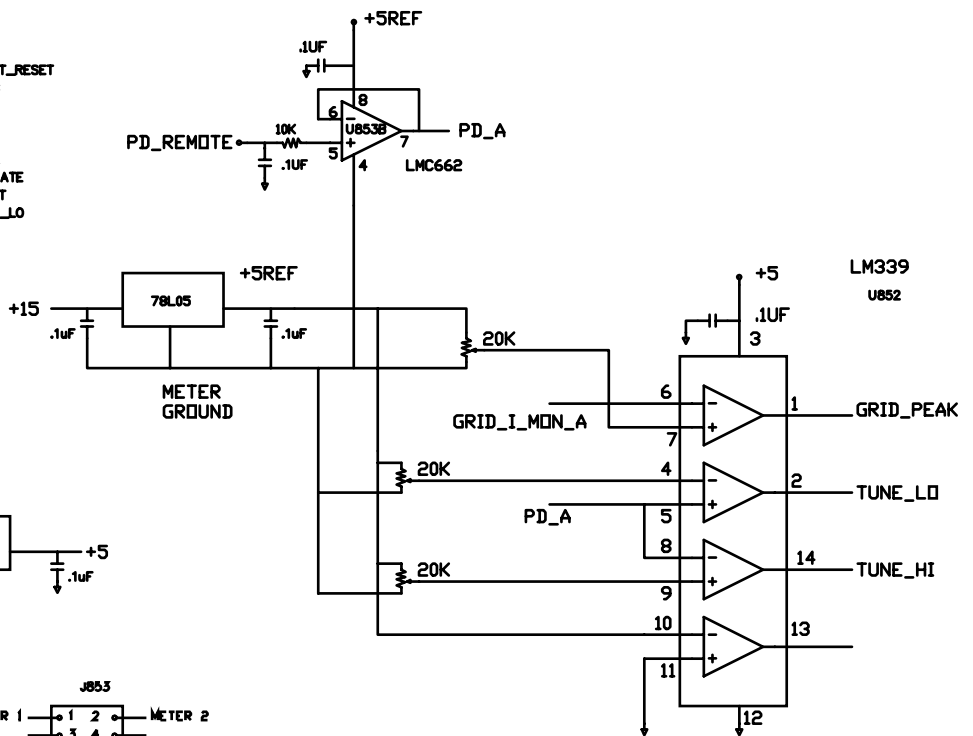
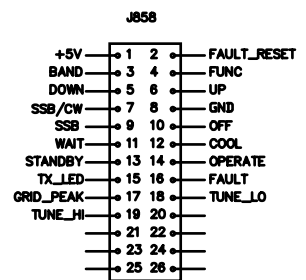


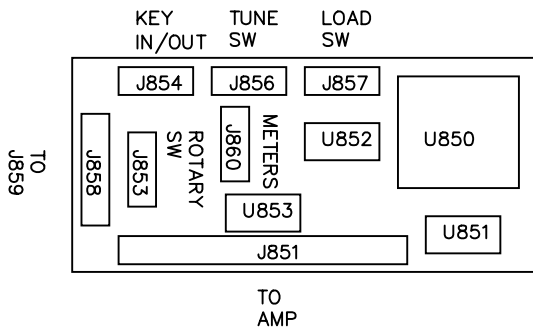
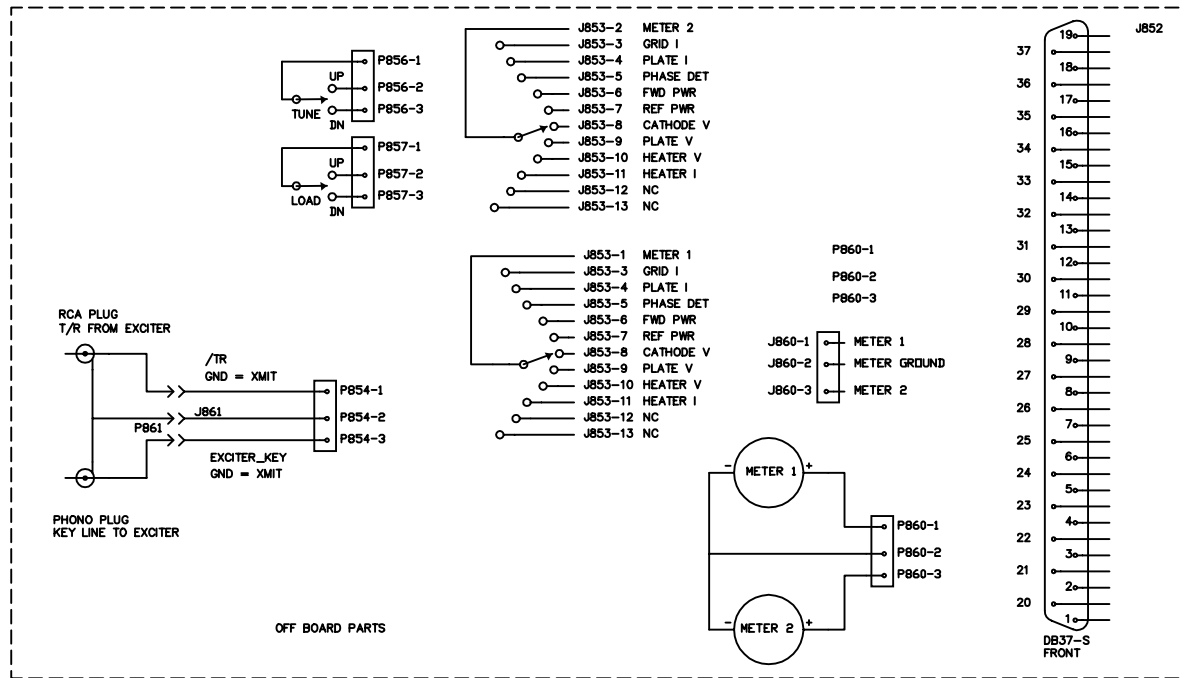
TOLERANCES		SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 19 JAN 02				
		MATERIAL			CHECKED BY	DATE				
TITLE PHASE DETECTOR MODULE							DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER PHASE DETECTOR SCH.DWG	REV

+5V
?

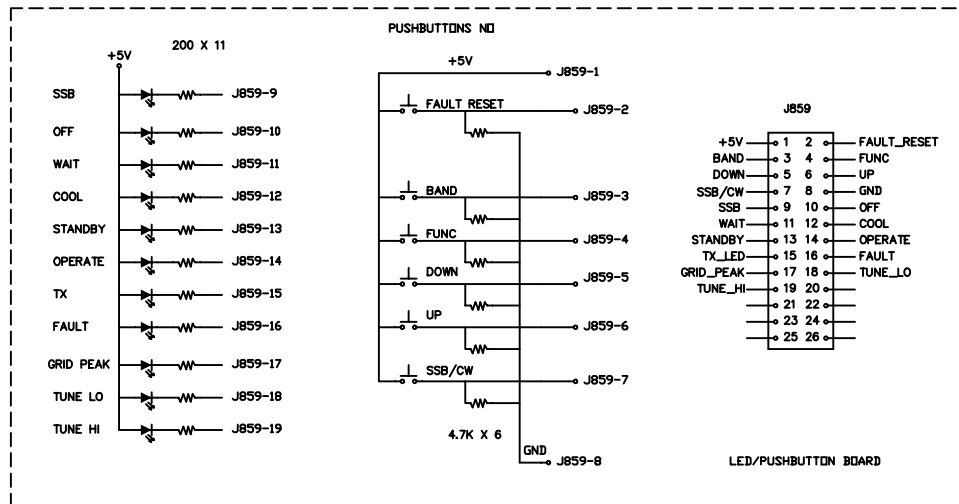
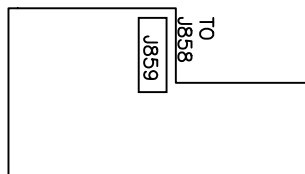


U850

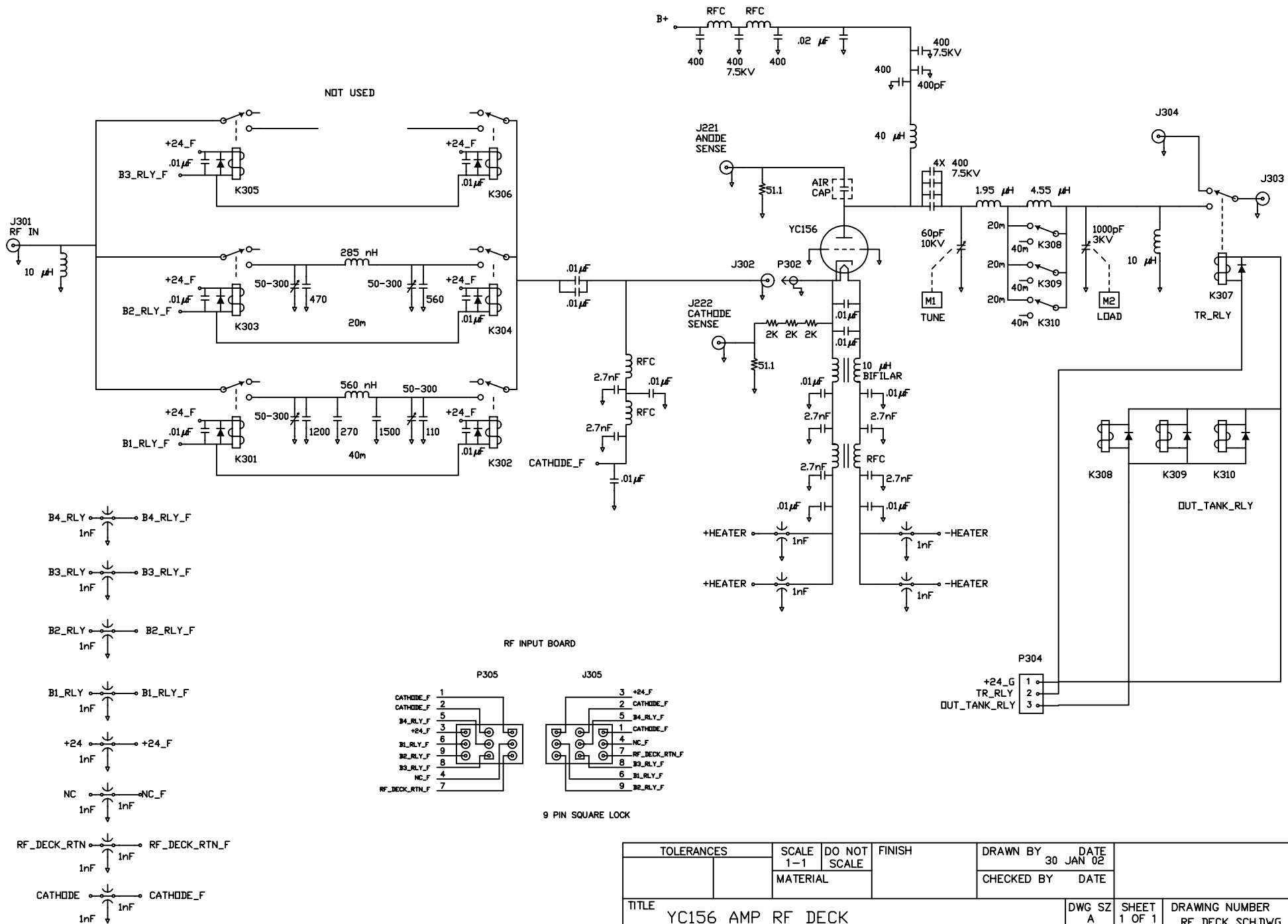




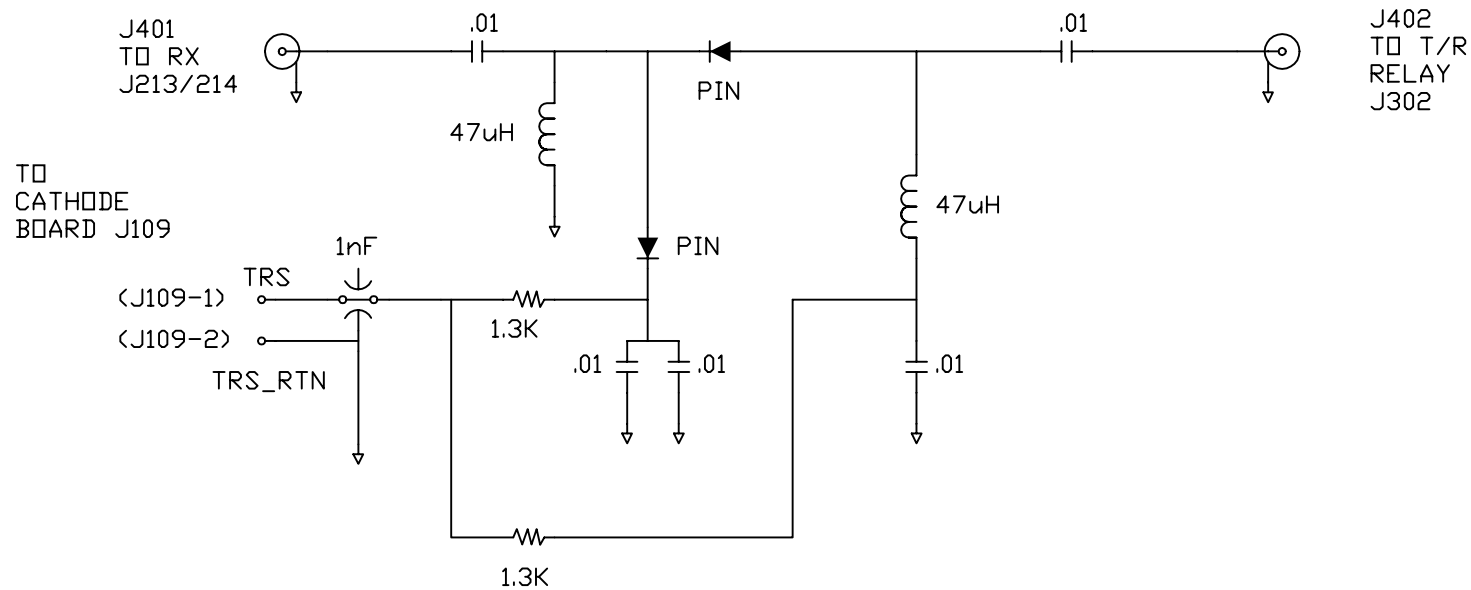
TO
J859



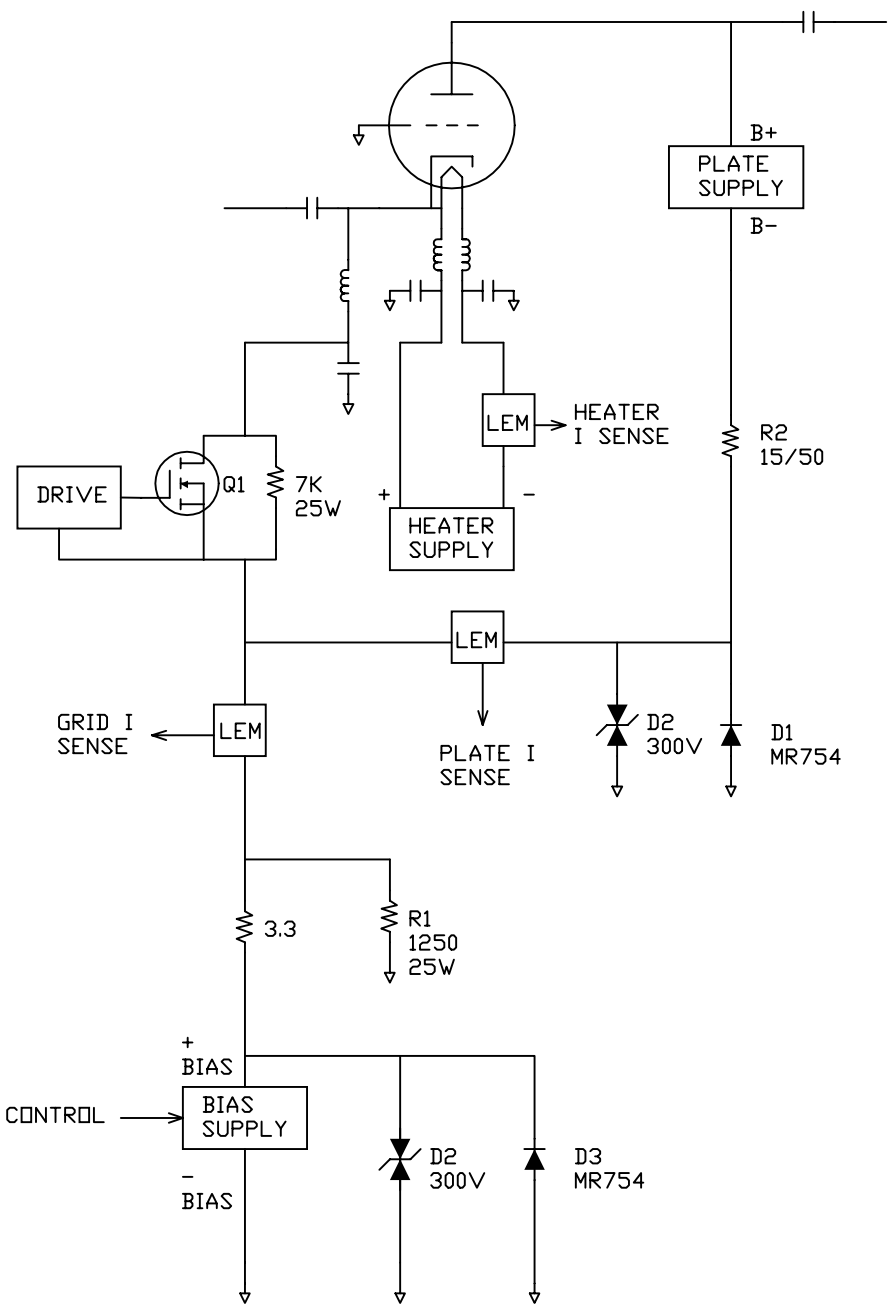
TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY DATE 16 MAY 02	
	MATERIAL			CHECKED BY DATE	
TITLE YC156 AMP REMOTE BOX				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER REMOTE BOX SCH2.DWG	REV



TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 30 JAN 02	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP RF DECK				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER RF DECK SCH.DWG	REV



TOLERANCES		SCALE	DO NOT	FINISH	DRAWN BY	DATE				
		1-1	SCALE		19	JAN 02				
		MATERIAL			CHECKED BY	DATE				
TITLE YC156 AMP T/R MODULE							DWG SZ	SHEET	DRAWING NUMBER	REV
							A	1 OF 1	TR MODULE SCH.DWG	



R2 LIMITS CURRENT FROM PLATE SUPPLY IN EVENT OF TUBE ARC OR OTHER PLATE CIRCUIT FAULT.

D1 PREVENTS TUBE CATHODE FROM SPIKING NEGATIVE IF TUBE ARCS FROM PLATE TO GRID.

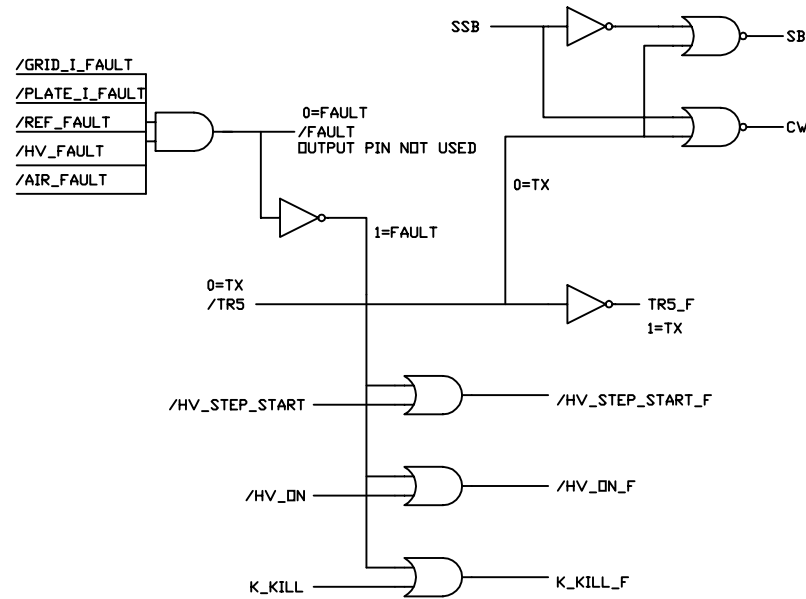
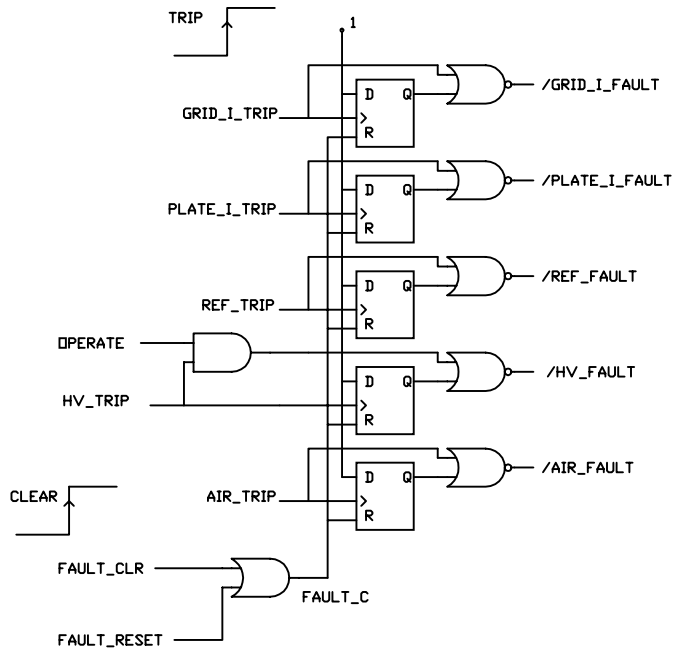
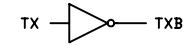
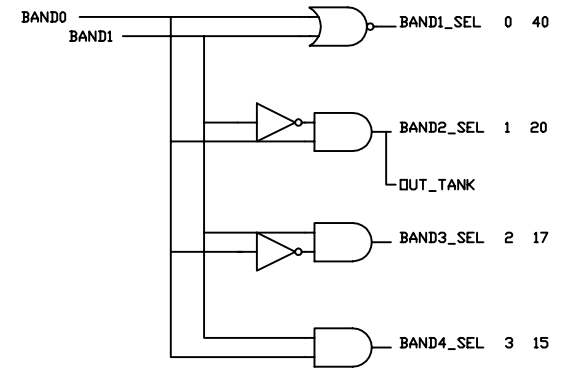
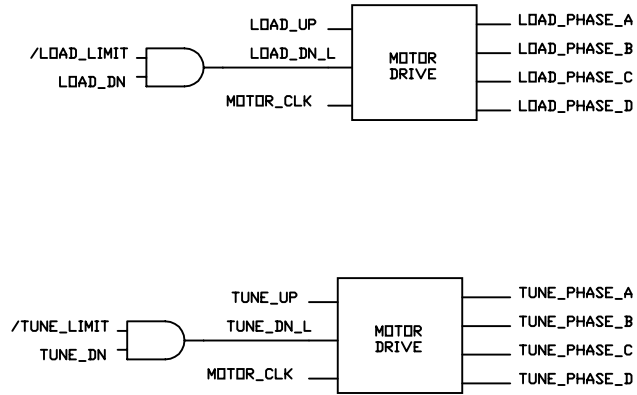
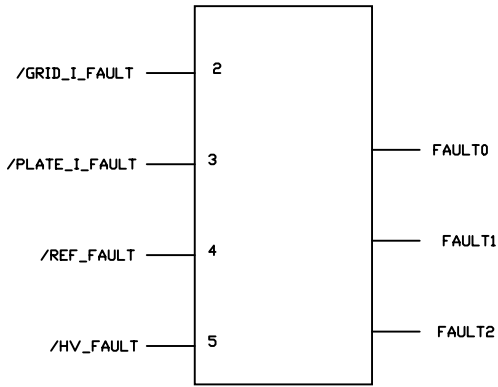
D2 AND D3 PROTECT BIAS SUPPLY FROM POSITIVE AND NEGATIVE TRANSIENTS.

EXCESSIVE GRID OR CATHODE CURRENT OPENS Q1

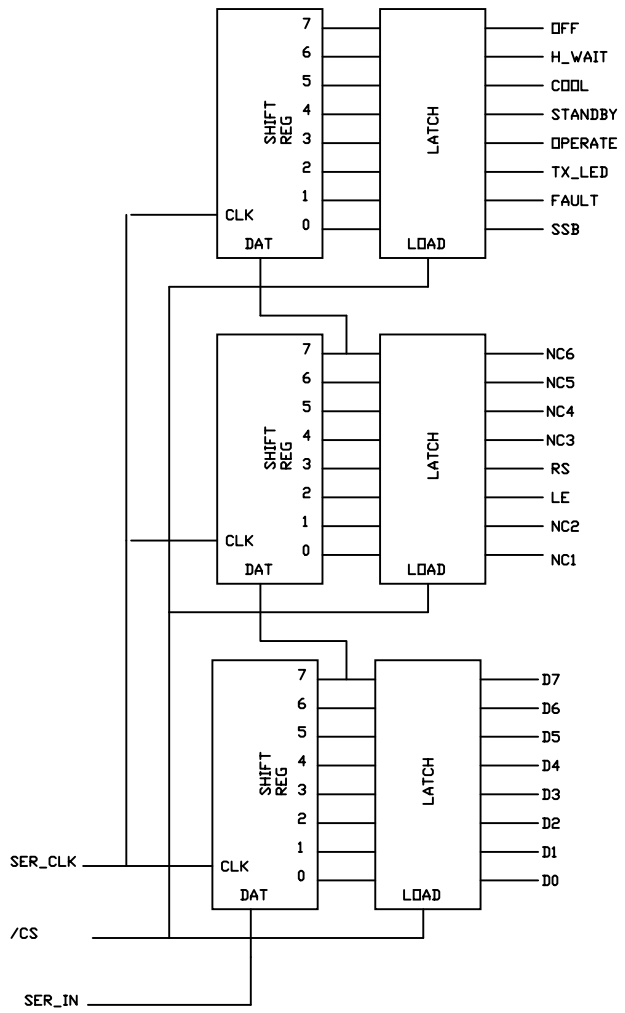
TOLERANCES	SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY 21 DEC 01	DATE
	MATERIAL			CHECKED BY	DATE
TITLE YC156 AMP TUBE/BIAS BLOCK				DWG SZ A	SHEET 1 OF 1
				DRAWING NUMBER TUBE_BLK.DWG	REV

NO FAULT = 1
 MULTIPLE FAULTS = 0

ALL FAULTS EXCEPT
 AIR VALID ONLY
 IN OPERATE



TOLERANCES		SCALE	DO NOT	FINISH	DRAWN BY	DATE			
		1-1	SCALE		23	NOV 01			
		MATERIAL			CHECKED BY	DATE			
TITLE YC156 AMP CPLD						DWG SZ	SHEET	DRAWING NUMBER	REV
						A	1 OF 1	YC CPLD1.DWG	



TOLERANCES		SCALE 1-1	DO NOT SCALE	FINISH	DRAWN BY	DATE 06 MAY 01				
		MATERIAL			CHECKED BY	DATE				
TITLE DISPLAY BOARD CPLD							DWG SZ A	SHEET 1 OF 1	DRAWING NUMBER YC DISP CPLD.DWG	REV