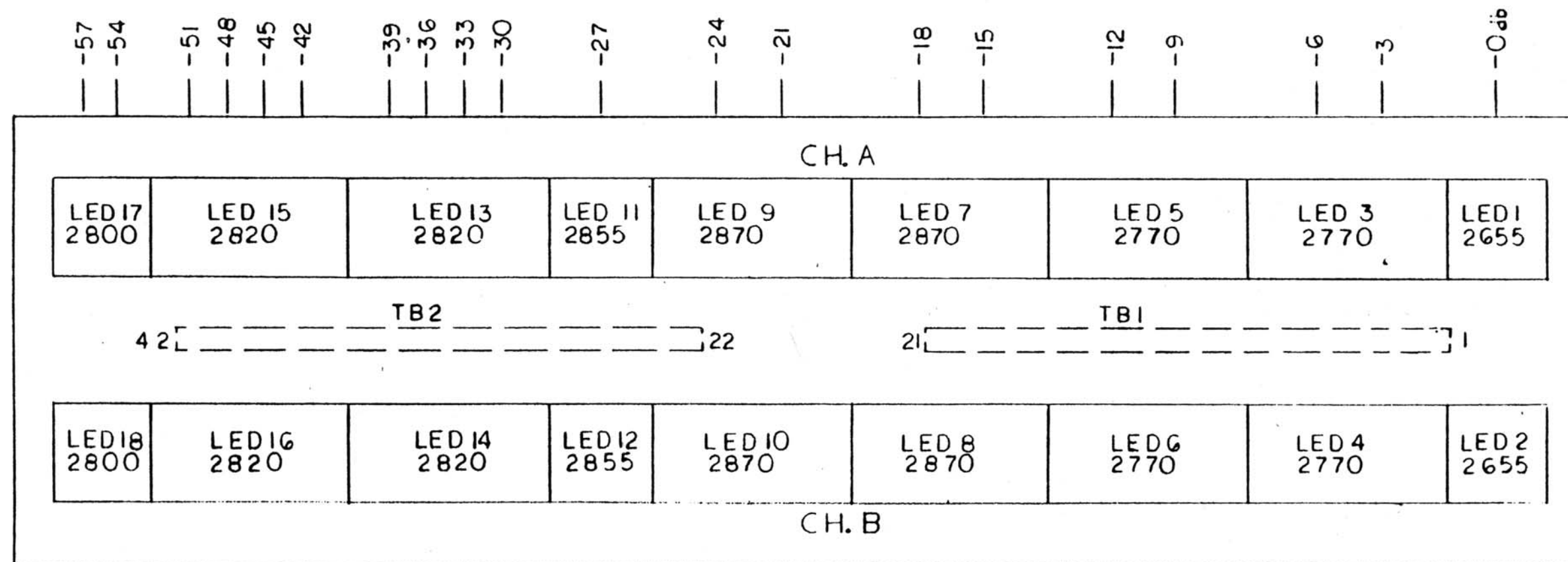



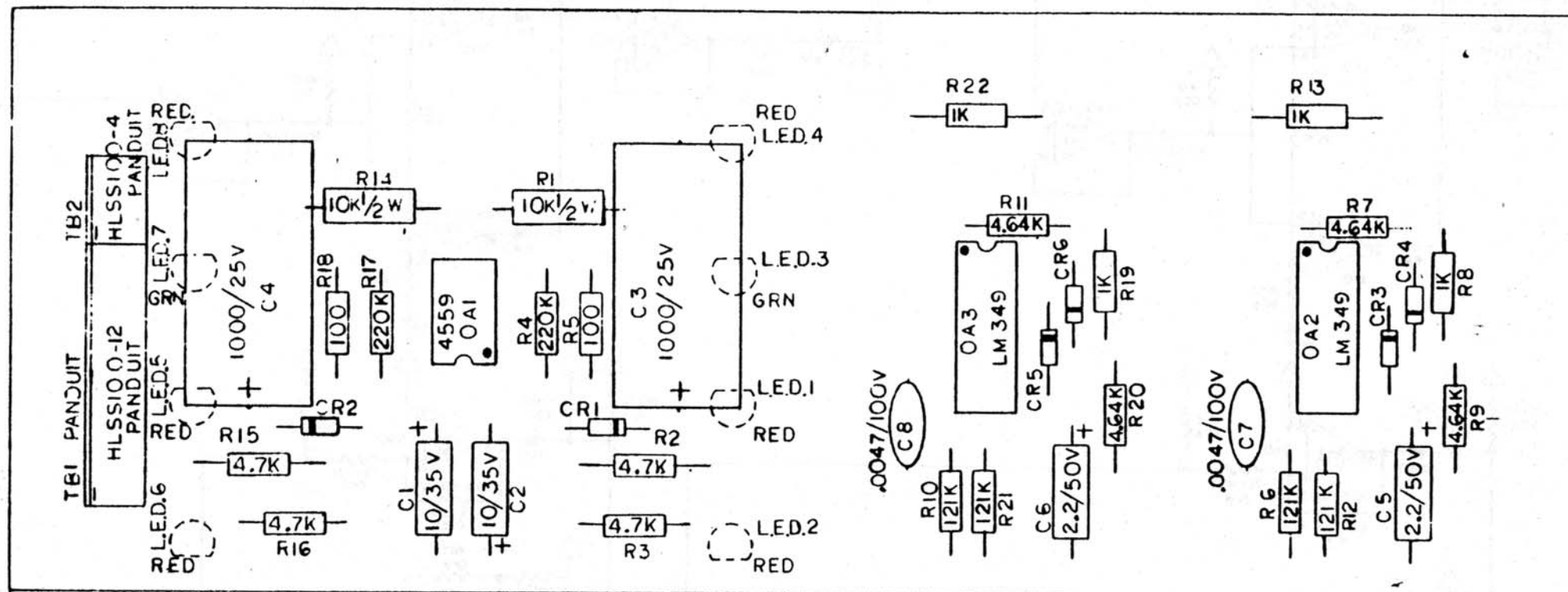
COMP. NOT INSTALLED BY OUTSIDE VENDOR	LAST REF DES		NOTES	REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07506			
	USED	NOT USED					DWN.	DATE	CREST. MODELS: 3001/4001 SERIES POWER AMPLIFIERS	
	C8		1) ALL RESISTORS 1/4W, UNLESS OTHERWISE SPECIFIED	04	REDESIGN P.C.B. & REDRAW DWG.	12/13/83	APP.	DATE		
	CR6		2) ALL DIODES IN4148, UNLESS OTHERWISE SPECIFIED	05	REVERSE POLARITY LED 2, 6. CHG R2, 3, 15, 16-820 1/2W TO 4.7K, 1/4W	4/24/84	TOL:	DATE	L.E.D. P.C.B. SCHEMATIC DWG.	
	LED8		3) ALL CAPACITOR ELECTROLYTIC, UNLESS OTHERWISE SPECIFIED				RE: 1.02	DATE		
	OA3		4) REV-1, 2, 3. SEE DWG 2104644 (OBSOLETE FILE)				REV: 2.01	DATE	DWG No.: 2103644	
	R22						FRAC: 1/84	DATE		
	TB2						MATL:	DATE	SCALE: DO NOT SCALE	
							FINISH:	DATE		



NOTES

- 1) COMPONENT SIDE UP
- 2) RED = LED 1-2
YEL = LED 3-6
GRN = LED 7-18
- 3) TB1 & 2 MOUNT ON SOLDER SIDE

REV	DESCRIPTION	DATE	 CREST AUDIO <small>HAWTHORNE, N.J. 07506</small>	
02	RE DESIGN & REDRAW	10/26/83	DWN: E.C. DATE: 10/26/83 APP: I.F. DATE: 2/6/84 TOL: XX: ±.02 Z: ±1° XXX: ±.01 FRACT: ±1/64 MATL: FINISH:	CREST: MODEL 3000/3001/4000 4001 POWER AMPLIFIERS METER ARRAY P.C.B. ASSEMBLY DWG.
			DWG. No.: 2202370 SCALE:	REV: 02 DO NOT SCALE DRAWING



COMP. NOT INSTALLED BY
OUTSIDE VENDOR

LAST REF DES	USED	NOT USED
C8		
CR 6		CR3 CR5 <input checked="" type="checkbox"/>
LED 9		
OA 3		
R22		R6, 8, 9, 21, 22 <input checked="" type="checkbox"/>
TB2		

NOTES =

- 1) ALL RESISTORS $\frac{1}{4}$ W, UNLESS OTHERWISE SPECIFIED
- 2) ALL DIODES 4148, UNLESS OTHERWISE SPECIFIED
- 3) ALL CAPACITORS ELECTROLYTIC, UNLESS OTHERWISE SPECIFIED

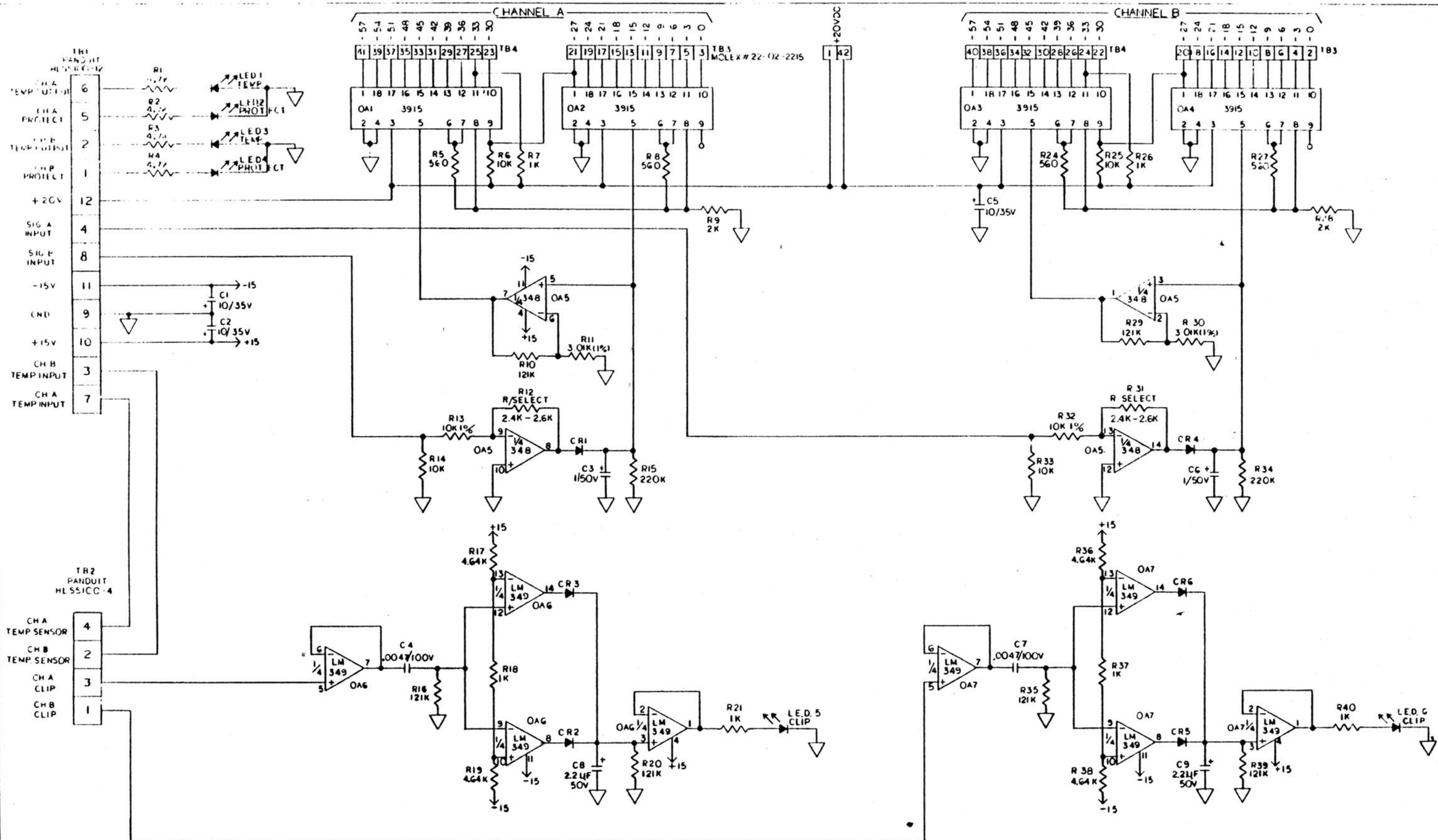
REV	DESCRIPTION	DATE
01	R1-R14 FROM $\frac{1}{4}$ W TO $\frac{1}{2}$ W	10-26-83
02	SEE <u>NOT USED</u> . ADD C7, C8, R10, R23 FROM D.I.T. TO 300 R7 R20 FROM D.I.T. TO 121K	11/30/83
03	R1, R13, R14, R26 FROM 820 $\frac{1}{2}$ W TO 1K 1W (C.F.) — R17, R4 FROM 242K TO 220K	12/6/83
04	REDESIGN P.C.B.	12/13/83
05	REVERSE POLARITY LED 2, 6	4/24/84

DALLAS MUSIC INDUSTRIES
HAWTHORNE, N.J. 07508

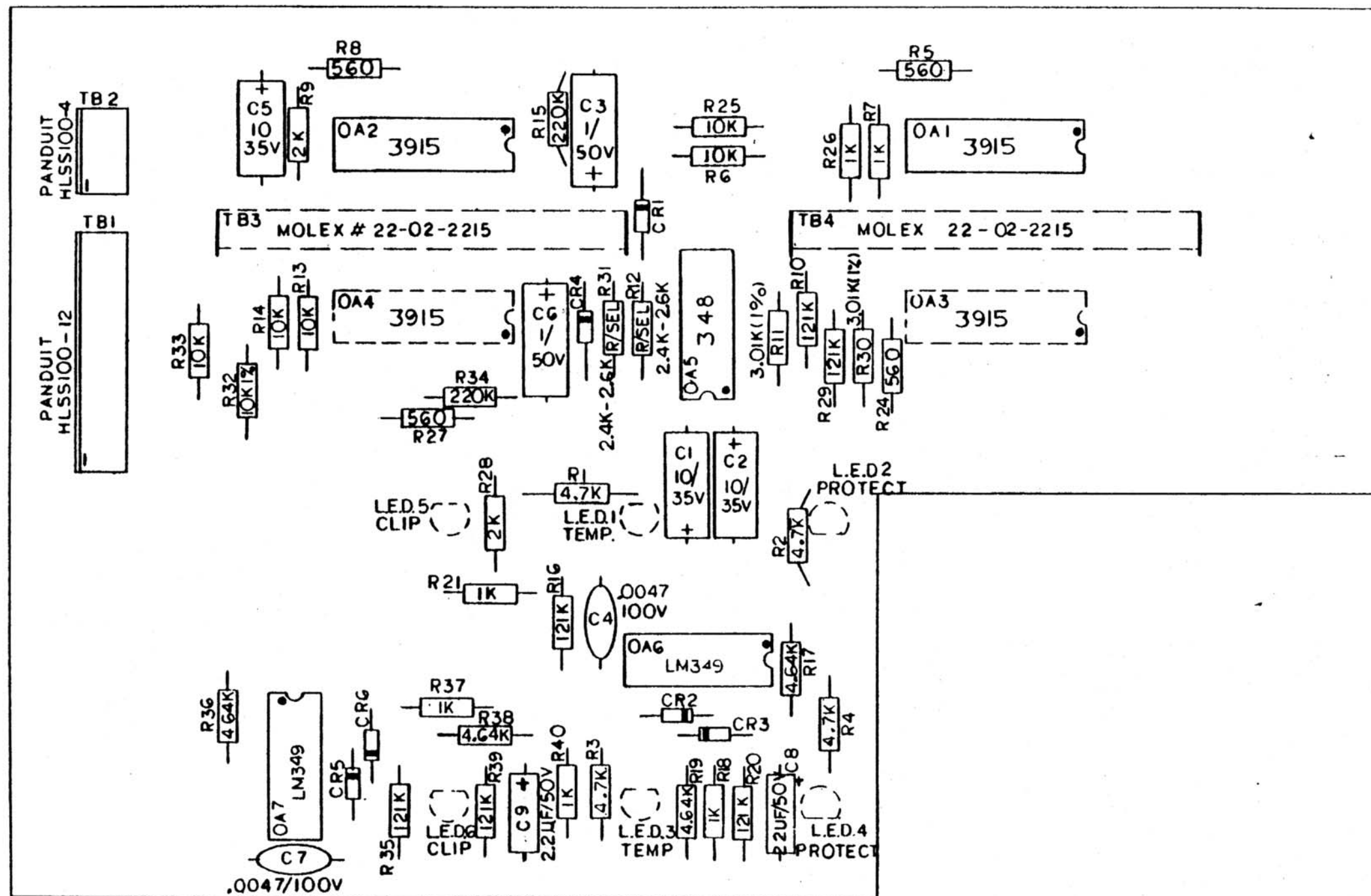
OWN: E.C.	DATE: 7/29/83	CREST: MODELS 3001/4001 SERIES POWER AMPLIFIERS L.E.D. P.C. ASSEMBLY
APP: I.F.	DATE: 2/2/84	
TOL: 1.02	1.01	
FRAC: 1/64		
MATL:		
FINISH		

DWG N°

REV



COMP. NOT INSTALLED BY OUTSIDE VENDOR		LAST REF DES		NOTES:	REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES	
USED	NOT USED							DESIGN	DATE
				1) ALL RESISTORS 1/4 W UNLESS OTHERWISE SPECIFIED	01	SEE NOT USED. ADD C8, C9, R36, R17 FROM D.I.T. TO 300	11/30/83	CREST:	
				2) ALL DIODES IN 4148 UNLESS OTHERWISE SPECIFIED	02	R1, R2, R3, R4, R25, R42 FROM 820 1/2 W TO 1K 1/4 W (C.F.)	12/6/83		
				3) ALL 10K RESISTOR 1% UNLESS OTHERWISE SPECIFIED	03	R22 R41 FROM 43K TO 121K	12/29/83	MODELS: 4000/3000 SERIES POWER AMPLIFIERS	
				4) REV 1, 2, SEE DWG. 2104645-02 (OBSOLETE FILE)	04	REDESIGN P.C.B.	4/24/84		
						REVERSE POLARITY LED 2 4 R, 2, 3, 4. W TO 4.7K		MINI INTER P.C.B.	
								SCHEMATIC DWG	
								2104645	
								SCALE	



COMP. NOT INSTALLED BY
OUTSIDE VENDOR

OA1-7
OA1-7

LAST REF DES

USED	NOT USED
C9	
CR6	
OA7	
L.E.D.6	
R40	R22, R23
TB4	

NOTES

- 1) ALL RESISTORS $\frac{1}{4}$ W UNLESS OTHERWISE SPECIFIED
- 2) ALL DIODES IN 4148 UNLESS OTHERWISE SPECIFIED
- 3) ALL 10K RESISTORS 1% UNLESS OTHERWISE SPECIFIED
- 4) REV 1, 2 SEE DWG 2204645-02 (OBSOLETE FILE)

REV

DESCRIPTION

03

REDESIGN P.C.B. & REDRAW DWG

04

REVERSE POLARITY LED 2, 4
R1, 2, 3, 4 - 1K TO 4.7K

DATE

12/28/83

4/24/84

DALLAS MUSIC INDUSTRIES
HAWTHORNE, N.J. 07506

DWN: E.C. DATE 12/28/83

APP: I.F. DATE 2/2/84

TOL: $\pm 1\%$ $\pm 1\%$
RES: 2.01 FRAC: $\pm 1/64$

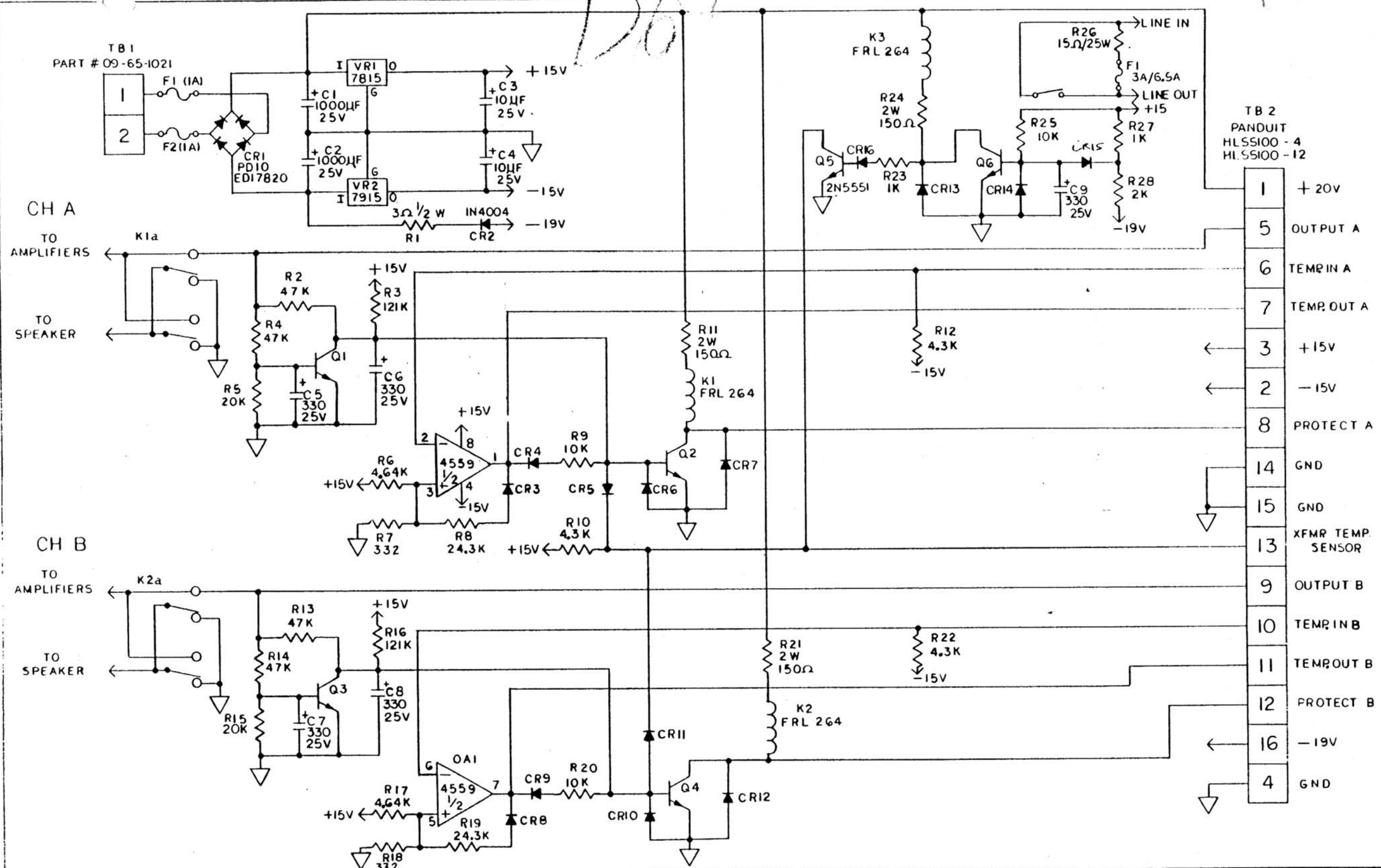
MATL:

FINISH

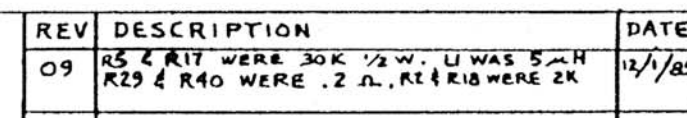
CREST:
MODELS: 4000/3000 SERIES
POWER AMPLIFIERS
MAIN METER P.C.B.
ASSEMBLY

DWG NO. 2203645

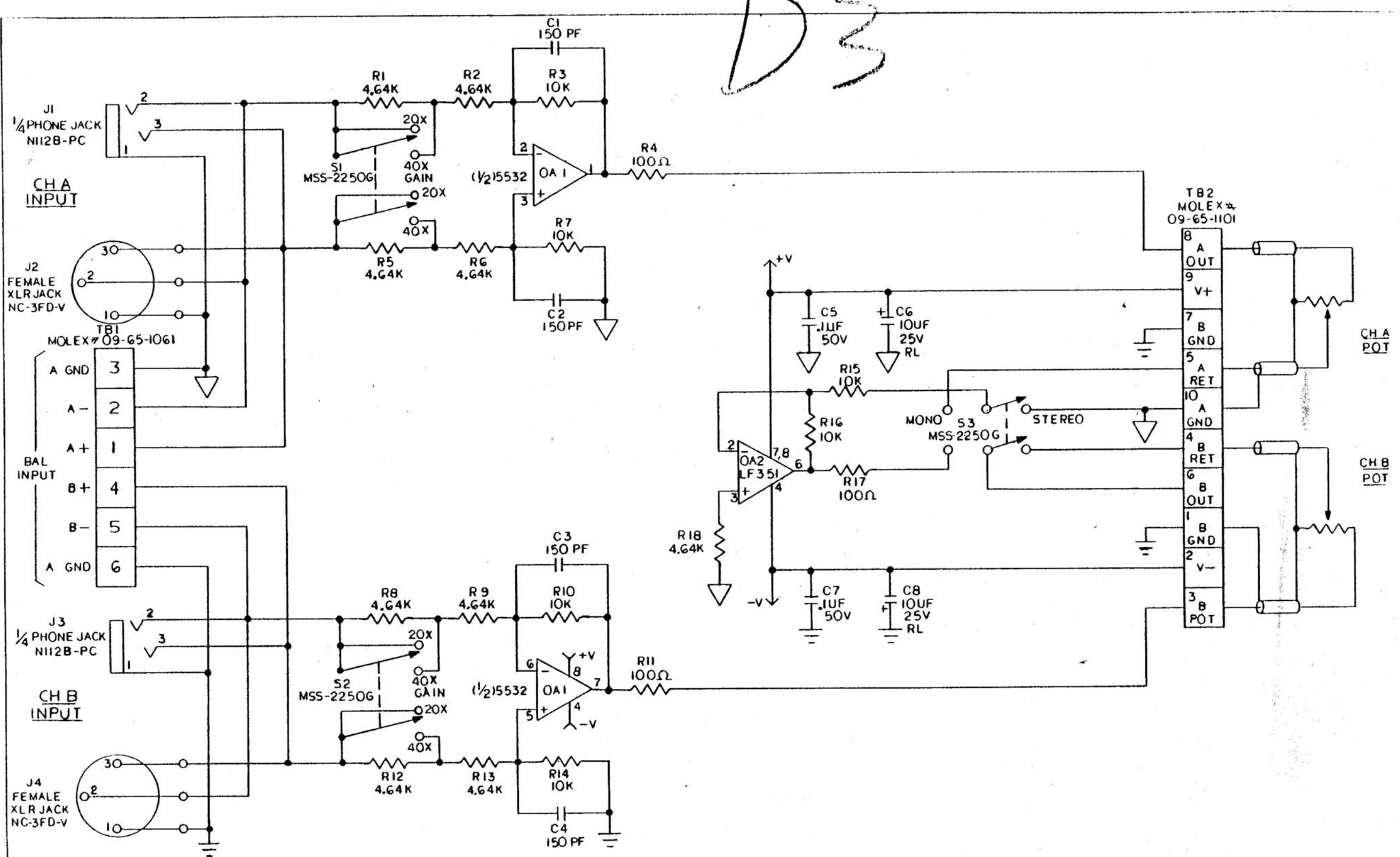
REV 04



COMP NOT INSTALLED BY OUTSIDE VENDOR	LAST REF. DES		NOTES	REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07506		
	USED	NOT USED	1) ALL RESISTOR 1/4 W, 1% UNLESS OTHERWISE SPECIFIED	01	REDESIGN P.C.B.	3/13/84			
	C9		2) ALL DIODES IN 414B UNLESS OTHERWISE SPECIFIED	02	CHANGE R8, R19 FROM 20K TO 24.3K	3/23/84	DWN: E.C	DATE: 3/13/84	CREST:
	CRIG		3) ALL TRANSISTORS MPSA13 UNLESS OTHERWISE SPECIFIED				APP: DATE:	MODELS 4000/4001/3000/3001 POWER AMPLIFIERS	
	K3		4) REV-00, SEE DWG # 2104677-00(OBSOLETE FILE)				TOL: XX ± .02 < ± 1° XXX ± .01 FRACT ± 1/64	RELAY/PROTECT P.C.B.	
	OA1						MATL:	SCHEMATIC DWG	
	Q6						FINISH	DWG NO: 2103677	REV: 02
	R28								
	TB2								

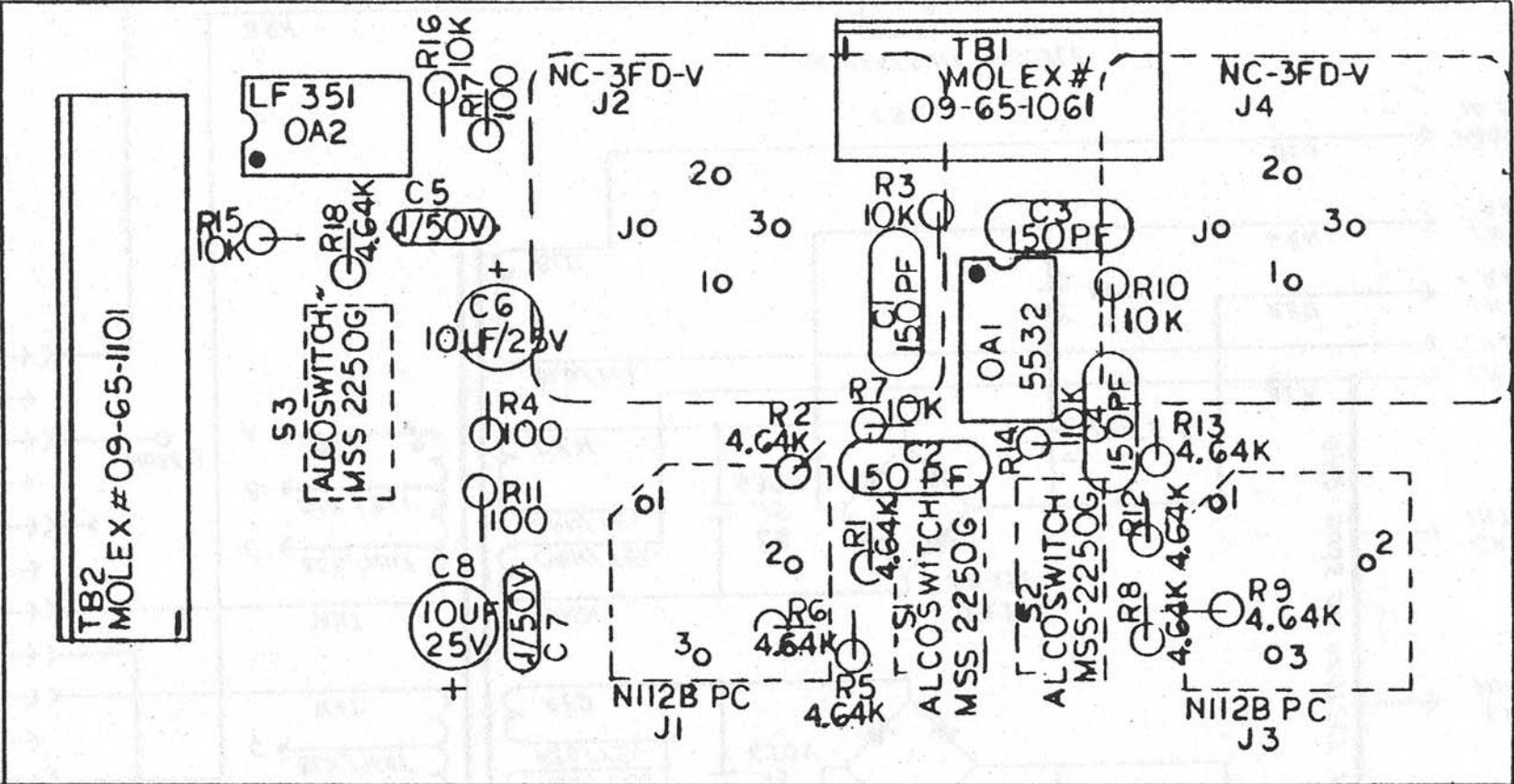


DALLAS MUSIC INDUSTRIES		HAWTHORNE, N.J. 07506	
DWN: E.C.	9/10/84	CREST	
APP: I.F.	DATE: 6/22/84	MODELS: 3000/3001 SERIES POWER AMPLIFIERS	
TOL: ± .02 ± .1° FRAC: ± 1/64		HEATSINK P.C.B.	
MATL:		ASSEMBLY DWG.	
FINISH:		DWG NO: 22	RF 09
		SCALE 2:1 NOT SCALE DRAWING	

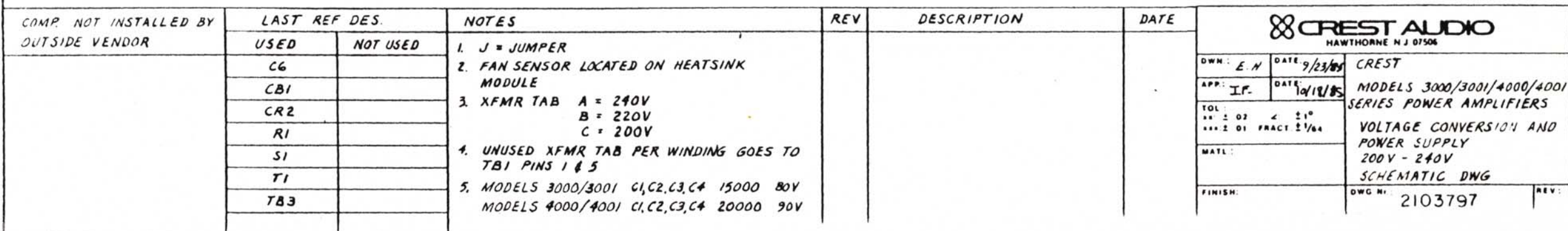


COMP NOT INSTALLED BY OUTSIDE VENDOR	LAST REF DES		NOTES	REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES				
	USED	NOT USED		01	REDESIGN&REDRAW	11/17/83	HAWTHORNE, N J 07506				
J2, J4 S1, S2, S3	C8		11 ALL RESISTOR 1/4 W AND 1% UNLESS OTHERWISE SPECIFIED				DWN E.C.	DATE 11/17/83	CREST MODELS: 3000/3001/4000/4001 POWER AMPLIFIERS INPUT P.C.B. SCHEMATIC DWG		
	J4						APP. J.F.	DATE 1/5/84			
	OA2						TOL.				
	R18						± 02 < ± 1°				
	S3						± 01 FRAC 2 1/64				
	T82										
							MATL				
							FINISH		DWG N°	2103641	REV 01
									SCALE	DO NOT SCALE DRAWING	

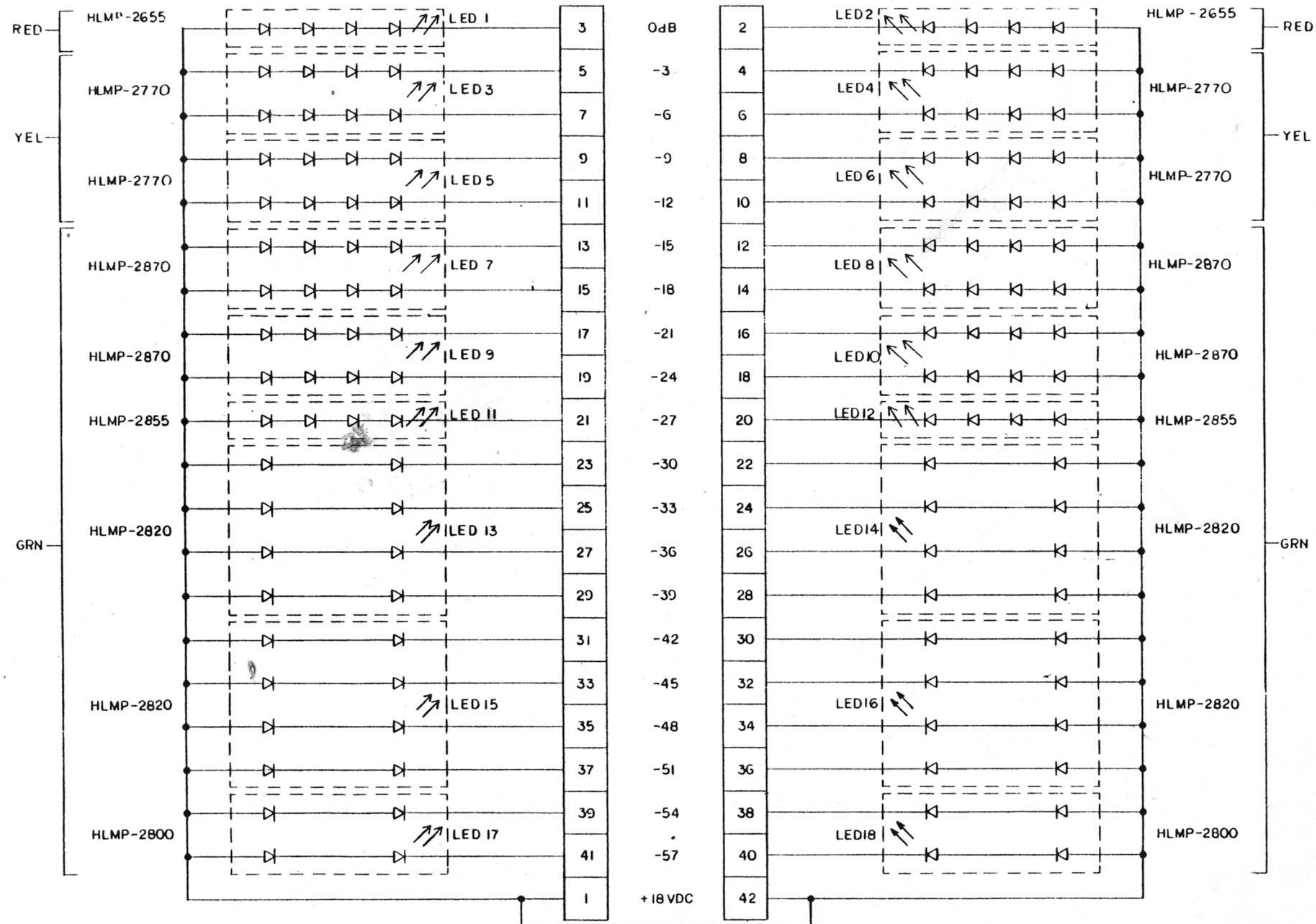
NOTES ALL RESISTOR 1/4 W -
AND 1% UNLESS OTHERWISE
SPECIFIED.



COMP. NOT INSTALLED BY OUTSIDE VENDOR	LAST REF DES		REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07506		
	USED	NOT USED				DWN: E.C.	DATE	CREST
J2, J4,	C8		01	REDESIGN & REDRAW	11/11/83	APP: I.F.	DATE: 2/2/84	MODELS: 4000/4001/3000/3001 POWER AMPLIFIERS
	J4					TOL: ±.02	±1°	INPUT P.C.B.
	OA2					RES: ±.01	FRAC: ±1/64	ASSEMBLY DWG.
	R18					FINISH:		
	S3					DWG. No.: 2202641		REV: 01
	TB2					SCALE: 2:1		DO NOT SCALE DRAWING



CH A

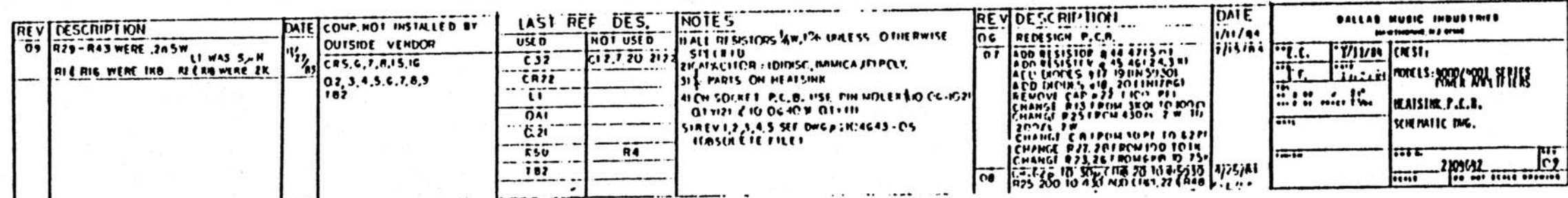


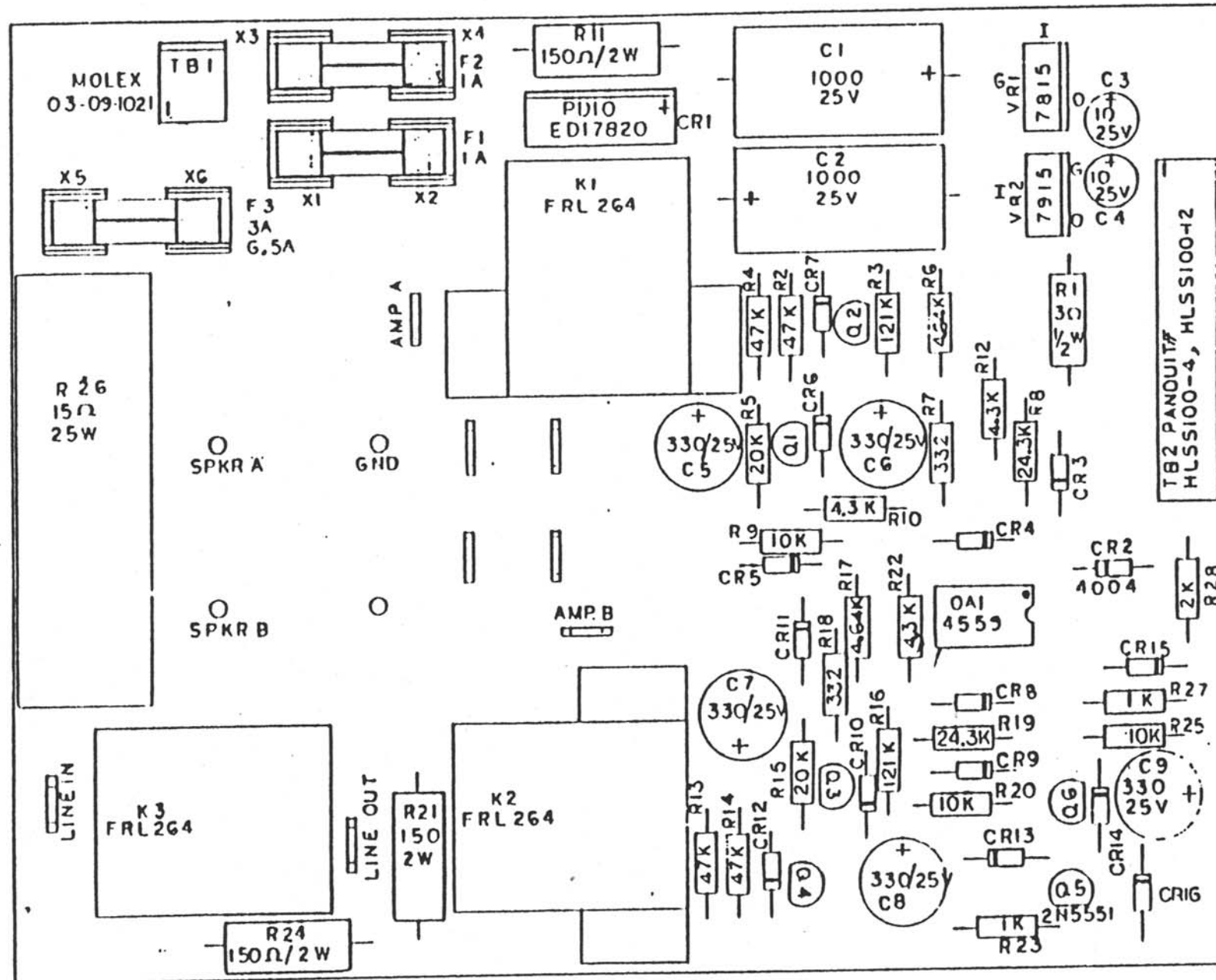
NOTES:

- 1) TB1 TERMINALS 1-21 & TB2 TERMINALS 22-42.

REV	DESCRIPTION	DATE	CREST AUDIO HAWTHORNE, N.J. 07806	
01	REDESIGN P.C.B.	2/8/82	DWN: E.C.	DATE: 2/6/84
02	REDESIGN P.C.B.	2/6/84	APP: I.F.	DATE: 2/6/84
			TOL: ± 0.02 ± 0.01	± 1° FRACT ± 1/64
			MATL:	
			FINISH:	
			DWG. NO.	2103379
			REV:	02
			SCALE	DO NOT SCALE DRAWING

CREST
MODEL 3000/300/4000/
4001
POWER AMPLIFIERS
METER ARRAY P.C.B.
SCHEMATIC DWG.





COMP NOT INSTALLED BY
OUTSIDE VENDOR

LAST REF DES.

USED	NOT USED
C 9	
CRIG	
K 3	
OA1	
Q 6	
R 28	

NOTES

- 1) ALL RESISTORS $\frac{1}{4}W, 1\%$ UNLESS OTHERWISE SPECIFIED
- 2) ALL DIODES IN4148 UNLESS OTHERWISE SPECIFIED
- 3) ALL TRANSISTORS MPSA13 UNLESS OTHERWISE SPECIFIED
- 4) X1-X6 KEYSTONE # 3529

REV DESCRIPTION

01	REDESIGN P.C.B.
02	CHANGE R8, R19 FROM 20K TO 24.3K
03	R25 FROM 75K TO 24.3K TO 10K

DATE

3/13/84
3/23/84
5/31/84

DALLAS MUSIC INDUSTRIES
HAWTHORNE, N.J. 07506

DWN: E.C.

DATE 3/13/84

APP: I.E.

DATE 6/22/84

TOL: 0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

0.05

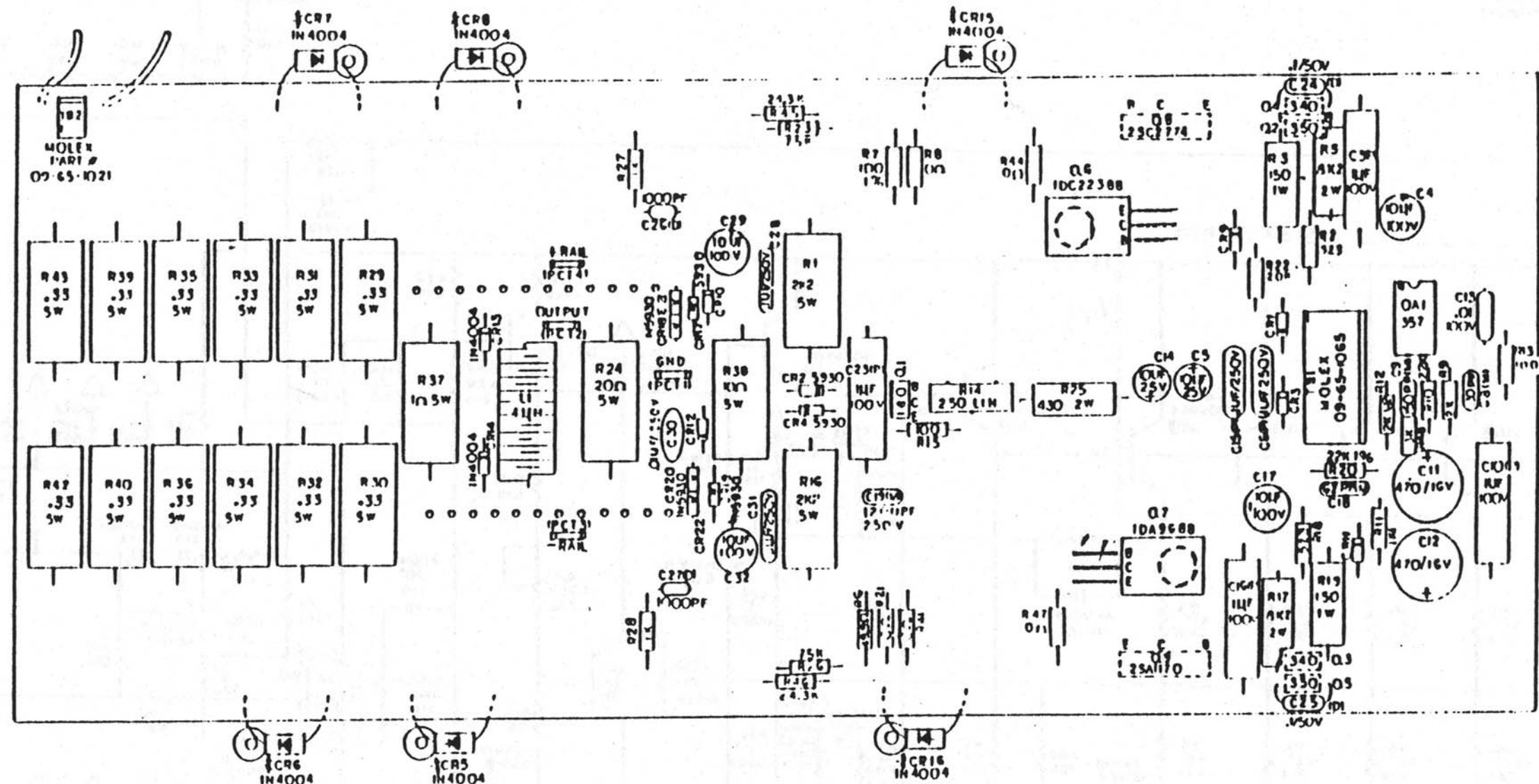
0.05

0.05

CREST:
MODELS: 1000/1001/3000/3001
POWER AMPLIFIERS
RELAY / PROJECT P.C.B.
ASSY Dwg

DWG NO. 2203677

03



REV	DESCRIPTION	DATE	COMP. NOT INSTALLED BY	LAST REF DES.		NOTES	REV	DESCRIPTION	DATE	DALLAS MUSIC INDUSTRIES PARTS DEPARTMENT, R.F. GORDON	
09	R5 & R17 WERE 30K 1/4W L1 WAS 5M R19 - R42 WERE .25A, R2 & R18 WERE 2M	12/1/84	OUTSIDE VENDOR	USED	NOT USED	HALL RESISTORS 1/4W 1% UNLESS OTHERWISE SPECIFIED	06	REDESIGN P.C.B.	1/17/84	CREST:	
			CR5, 6, 7, 8, 15, 16	C32	C12, 7, 30, 21	21 CAPACITORS: 10 DISC, 10 MIC, 10 POLY	07	ADD RESISTOR R45 4K 1/4W 1% ADD RESISTOR R46 10K 1/4W 1% ADD DIODES R17, R18 IN 5330 ADD DIODES R19, R20 IN 5330 REMOVE CAP 12 100V 100M CHANGE R19 FROM 300K TO 100K CHANGE R25 FROM 450K TO 2W TO 200K 2W CHANGE CR1 FROM 50V TO 62V CHANGE R27, R28 FROM 100K TO 10K CHANGE R23 200K FROM 100K TO 250K	2/1/84	MODELS: 1000/1001/1002/1003	
			O2, 3, 4, 5, 6, 7, 8, 9	CR1G		31 PARTS ON HEAT SINK				HEAT SINK P.C.B.	
			TB2	L1		HALL NODES IN 1414R UNLESS OTHERWISE SPECIFIED				ASSEMBLY DWG.	
				OAI		SI REV. 1, 2, 3, 4, 5 SEE DWG # 2104647-05				2704647	
				C121		ICB SOLITE FILE				09	
				R4B		GI G6 C17 ATTACH WITH PEN NLT # F52-632	08	C8 TO 50V 100M TO 100V 100M R25 TO 450K 100K TO 250K 100K	2/15/84	SCALE 2:1 DO NOT SCALE DRAWING	
				TB2							