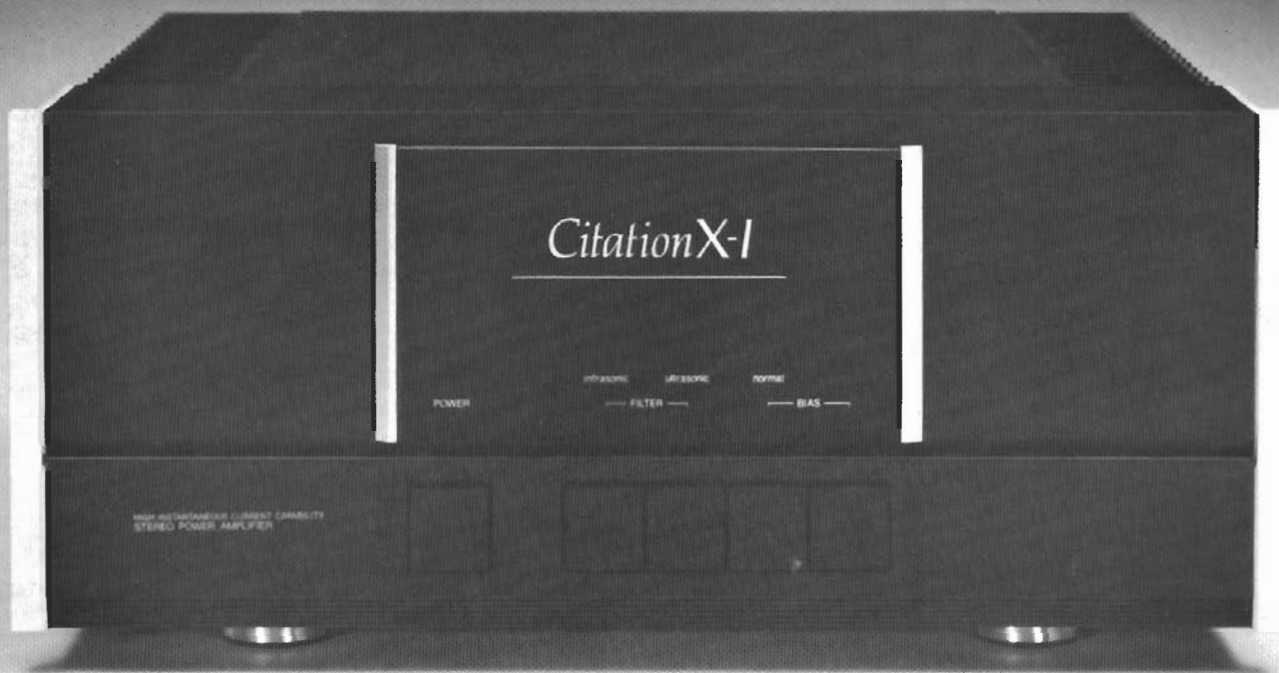


Citation X-I

SPECIFICATIONS



POWER RATING

Continuous average power of 150 watts per channel, both channels driven from 10Hz to 20,000 Hz, with no more than 0.05% total harmonic distortion.

Half Power Bandwidth:	< 10Hz-100KHz
Frequency Response (1 Watt, 8 Ohm):	0.1Hz-150 KHz +0dB - 1
Signal-To-Noise-Ratio (A-Wtd, 1 Watt):	85dB
IM Distortion (SMPTE):	0.05%
Damping Factor (10Hz-20KHz):	> 70
HCC (High Instantaneous Current Capability):	100 AM
Slew Rate:	160 volts/ μ sec
Rise time:	2.2 μ sec
Input Sensitivity/Impedance:	1.0 volts/12k Ohms
Infrasonic filter:	1.0kHz-3dB, 6dB/Oct
Ultrasonic Filter:	100kHz,-3dB, 6dB/Oct
Power Requirements:	110-120 Volts, 50/60Hz
Dimensions (In./mm.)	W-17 ⁵ / ₈ " / 440mm. H-7 ¹¹ / ₁₆ " / 195mm. D-16 ⁷ / ₈ " / 428mm.
Weight (lb./kg):	55.0 lbs./25.0 kg.

1/3

Ref. No. HKH76181 To: SNY From: H.Q.
KN NISHIBU

RE: CITATION X1 ADJUSTMENT

1. ADJUSTMENT PROCEDUREは添附の通りです。
2. 機密図は明日発送予定です。

以上

Ref. No.

To :

From :

CITATION X1 ADJUSTMENT PROCEDURE

1. FIRST STAGE CURRENT ADJUSTMENT

CONNECT DIGITAL MULTI METER IN DC-V MODE TO 2 TEST POINTS IN DRIVER P.C.B (SEE DRIVER P.C.B DIAGRAM) AND ADJUST VR 191 SO THAT THE VOLTAGE INDICATED ON THE METER IS $3 \pm 0.3V$.

2. DC BALANCE ADJUSTMENT

CONNECT DIGITAL MULTI METER IN DC-V MODE TO SPEAKER TERMINALS AND ADJUST VR 190 SO THAT THE DC VOLTAGE BECOMES $0 \pm 60mV$.

3. IDLE CURRENT ADJUSTMENT

(1) CONNECT DIGITAL MULTI METER IN DC-V MODE ACROSS R218 (Roh) AND R219 (Lch).

(2) PRESS BIAS HIGH SWITCH AND ADJUST VR 192 SO THAT THE VOLTAGE INDICATED ON THE METER IS $46mV$.

3/3

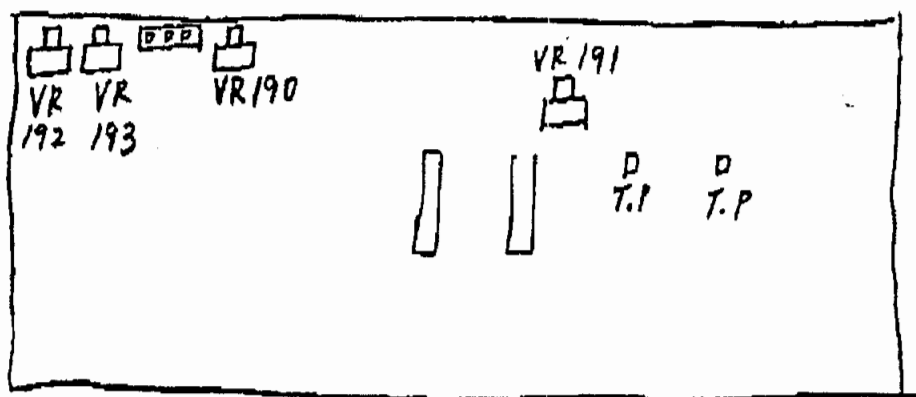
PAGE 4 OF 4

Ref. No.

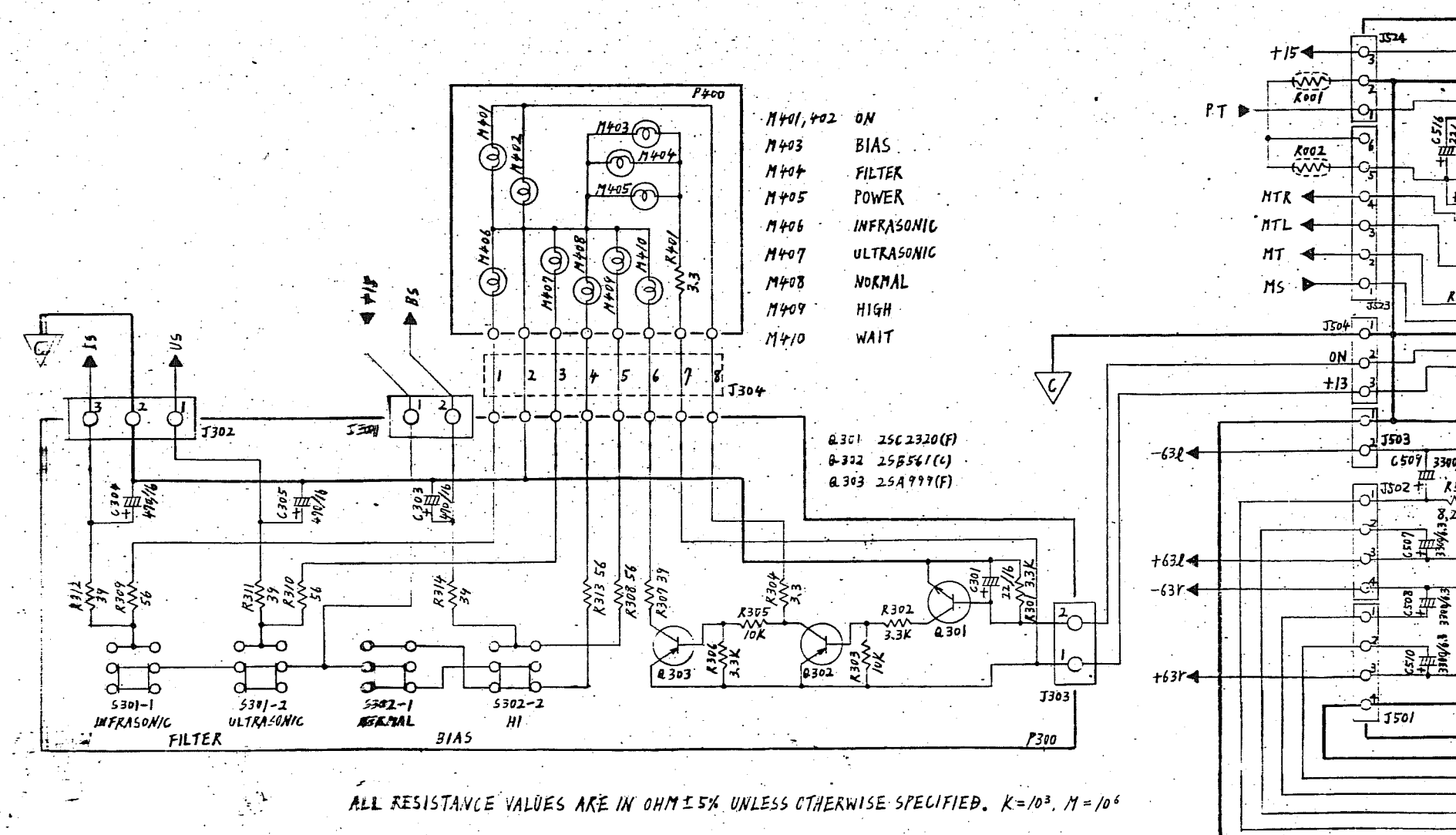
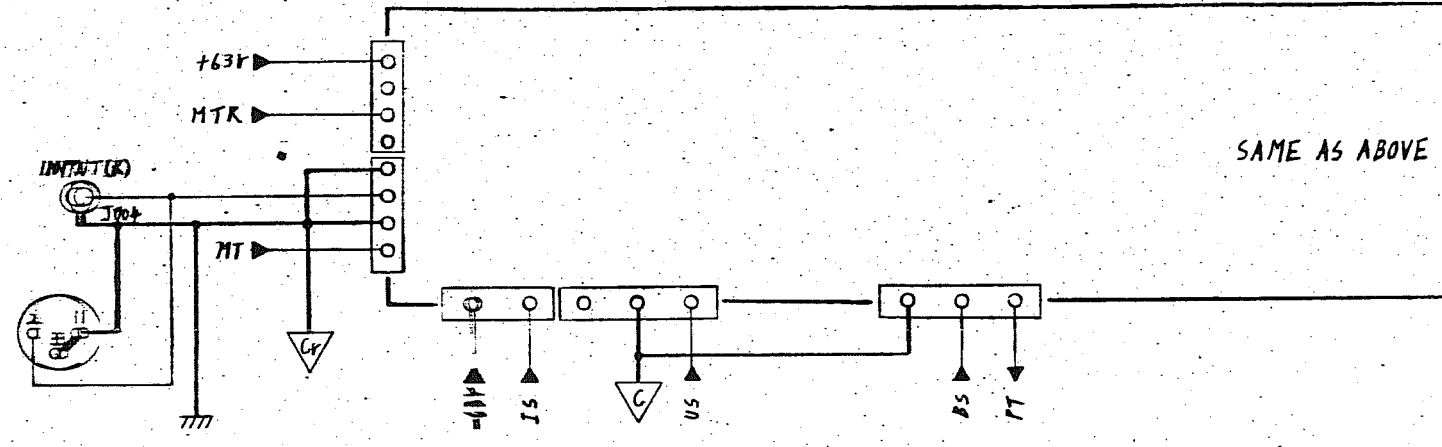
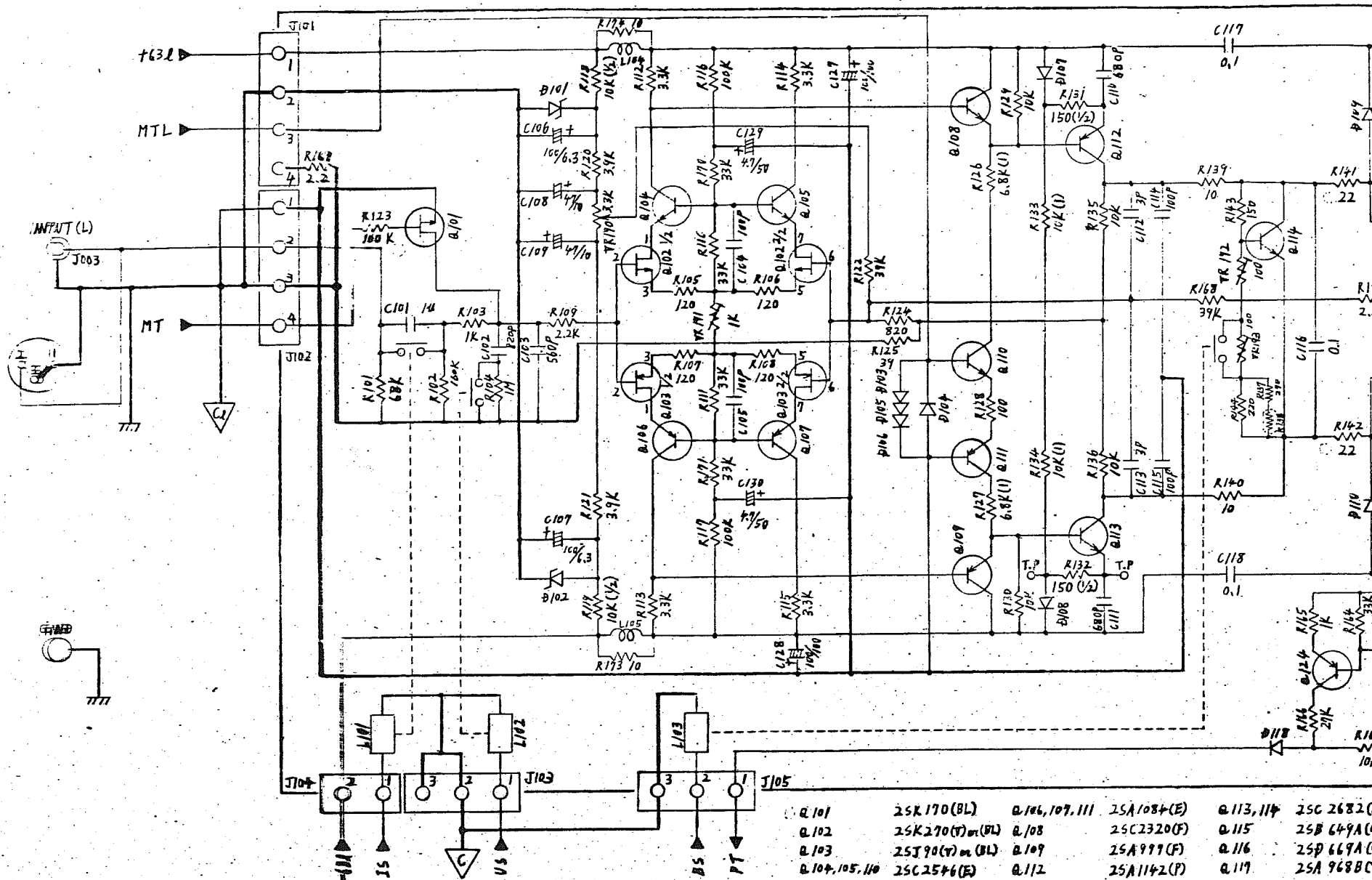
To :

From :

- (3) WAIT UNTIL THE TEMPERATURE OF THE HEAT-SINK SATURATES AND READJUST VR 192 SO THAT THE VOLTAGE INDICATED ON THE METER IS $46\text{ mV} \pm 4\text{ mV}$.
- (4) PRESS BIAS NORMAL SWITCH AND ADJUST VR 193 SO THAT THE VOLTAGE IS $23\text{ mV} \pm 2\text{ mV}$.
- (5) WAIT UNTIL THE TEMPERATURE OF THE HEAT SINK SETTLES AND READJUST.



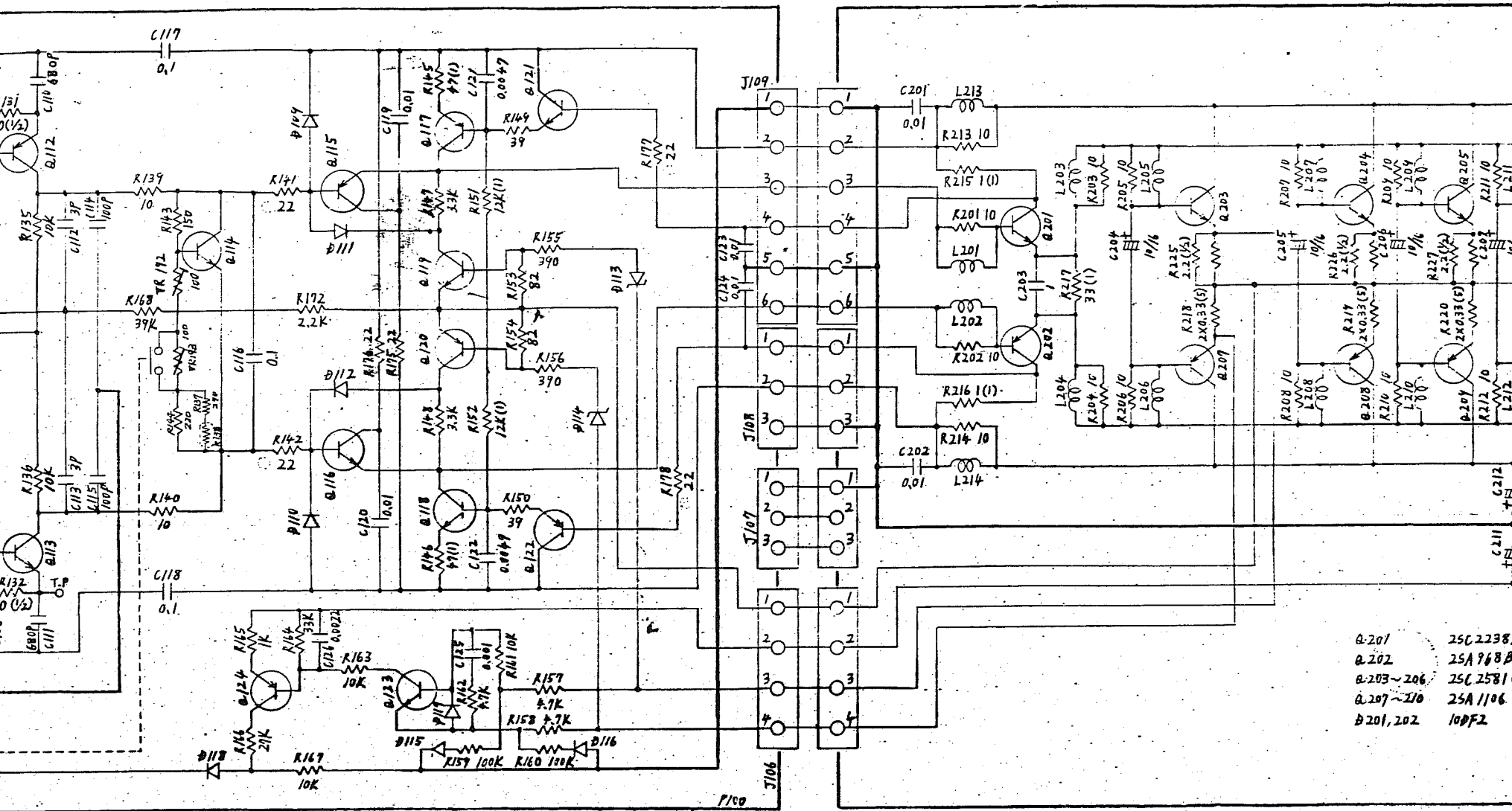
DRIVER P.C.B



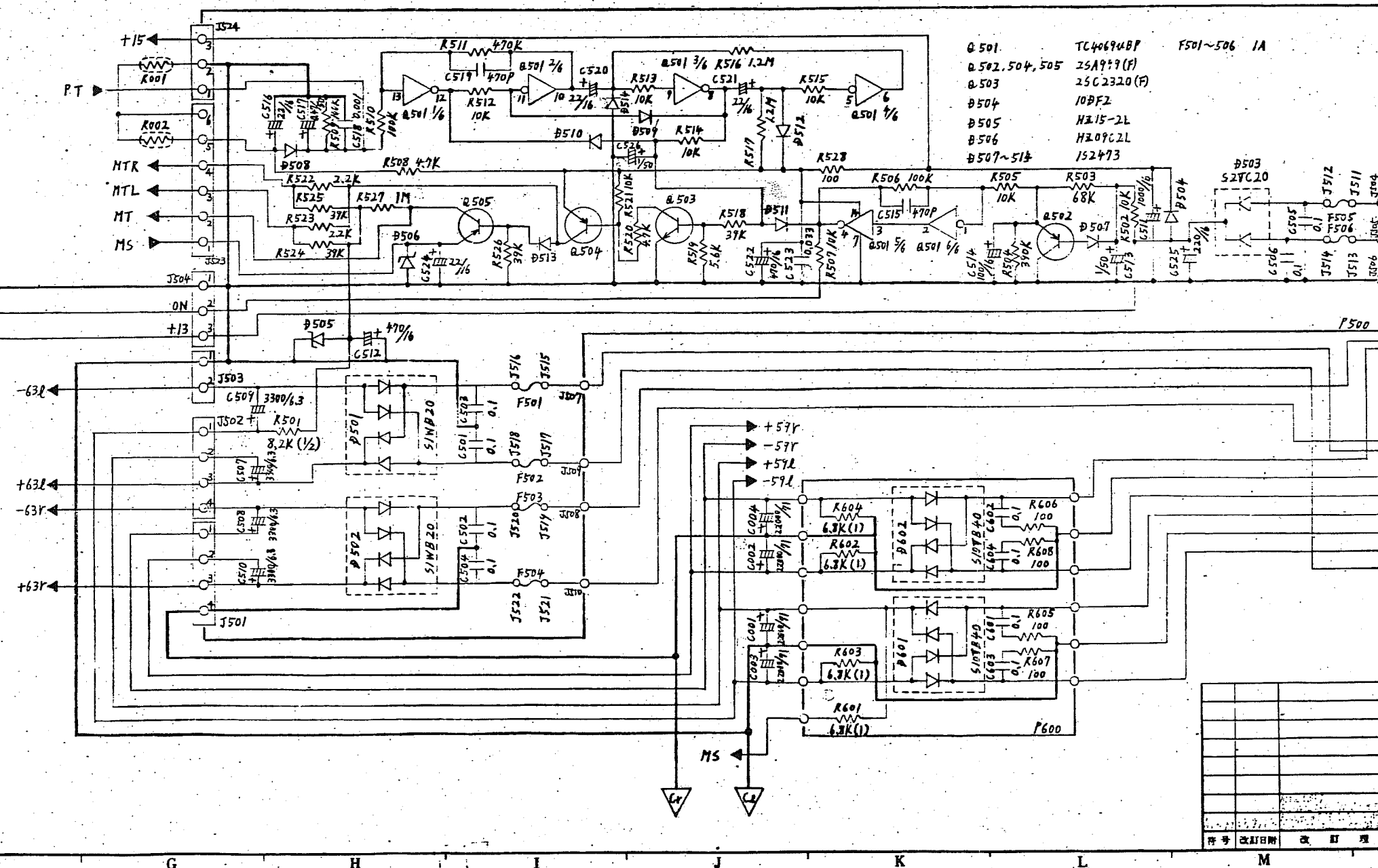
ALL RESISTANCE VALUES ARE IN OHM $\pm 5\%$ UNLESS OTHERWISE SPECIFIED. $K=10^3$, $M=10^6$

ALL CAPACITANCE VALUES ARE IN μF UNLESS OTHERWISE SPECIFIED. $P=0.01$

S301 AND S302 ARE SHOWN IN OFF (RELEASED) POSITION.



SAME AS ABOVE



G

H

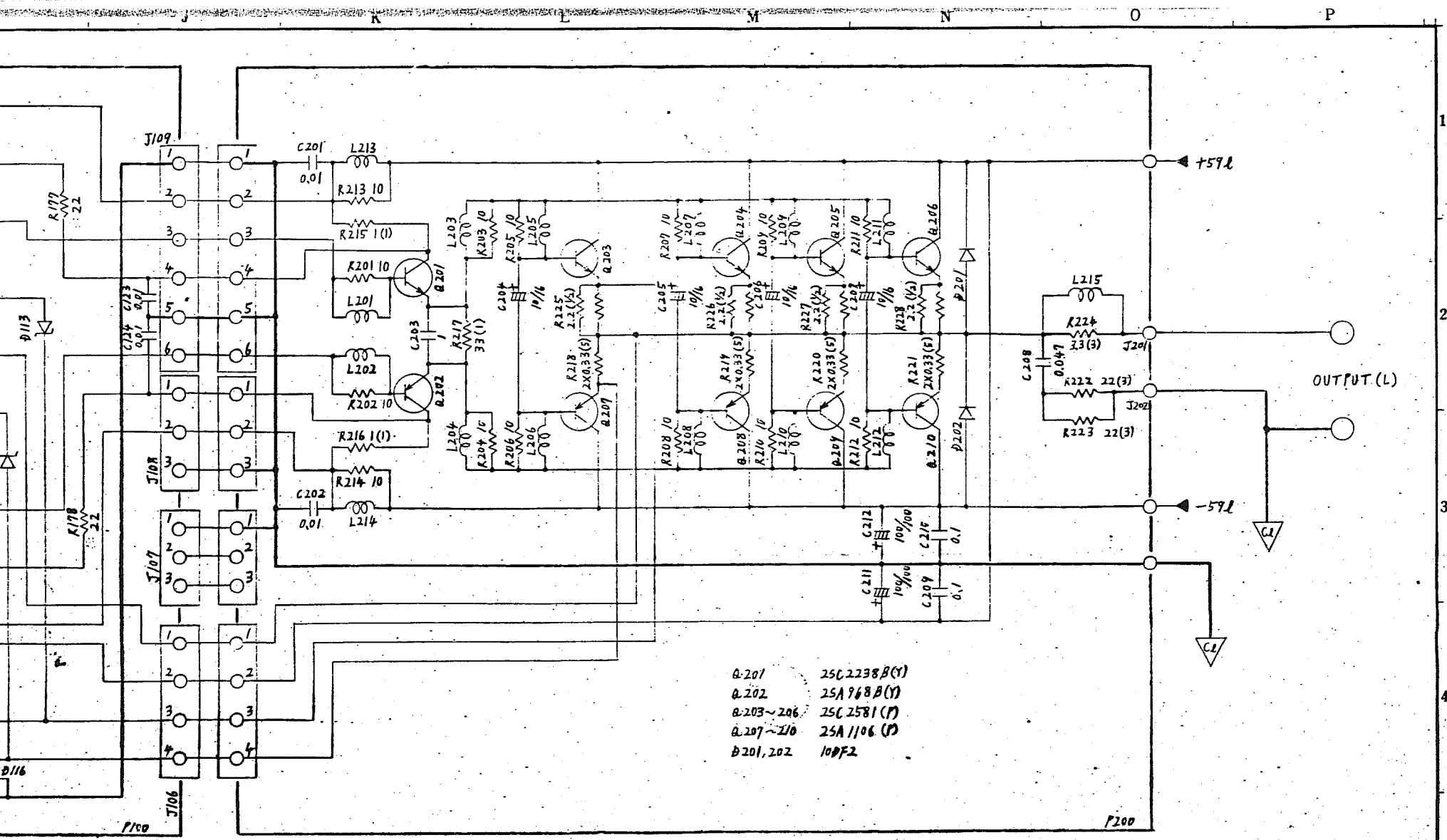
I

J

K

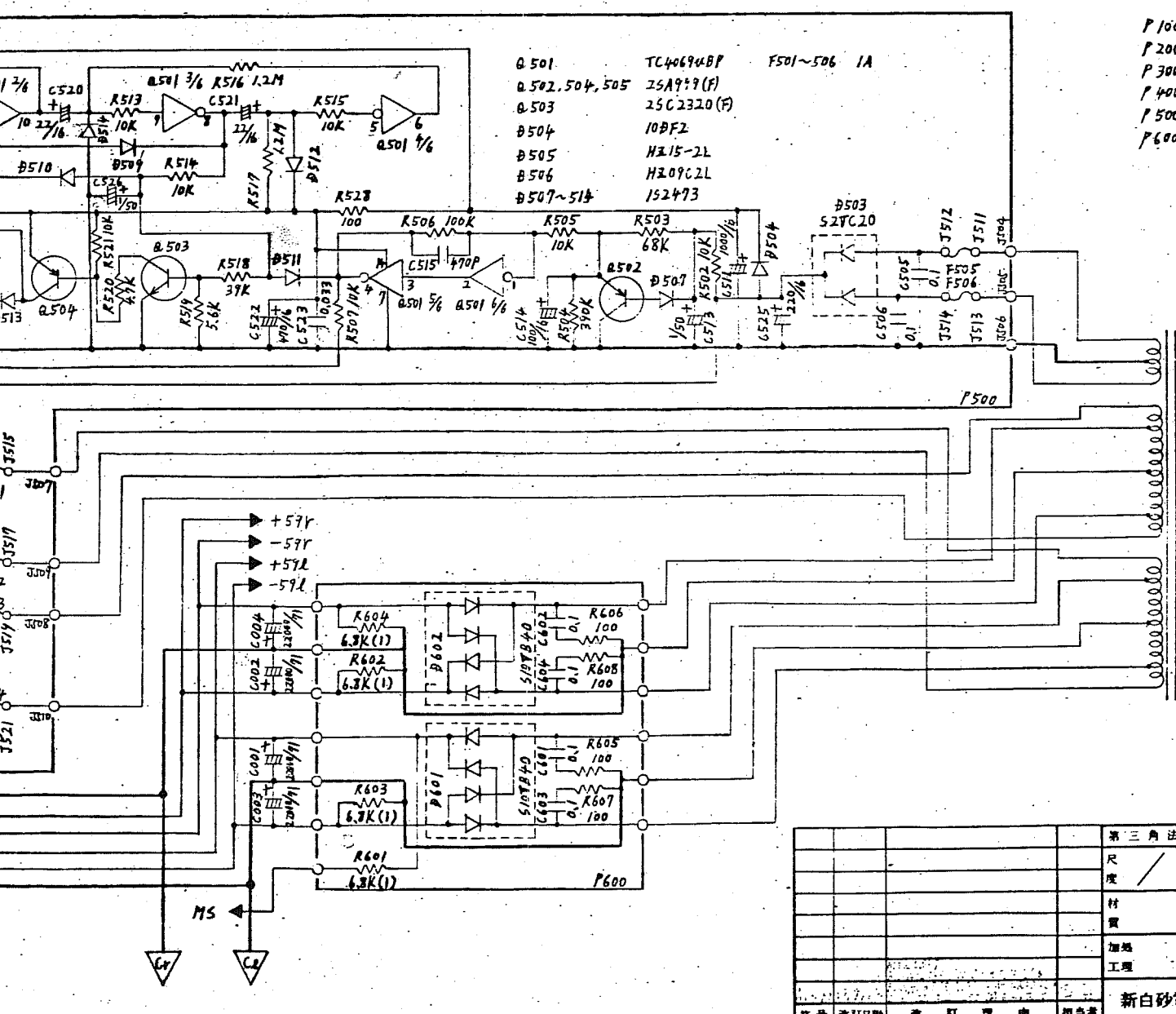
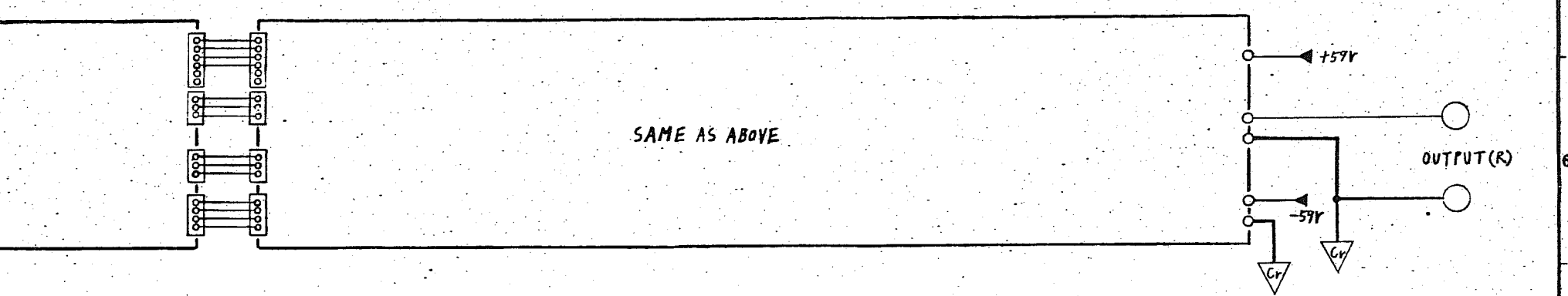
L

M



- Q201 25C2238B(Y)
- Q202 25A968B(Y)
- Q203~206 25C2581(F)
- Q207~210 25A1106(F)
- Q201, 202 100F2

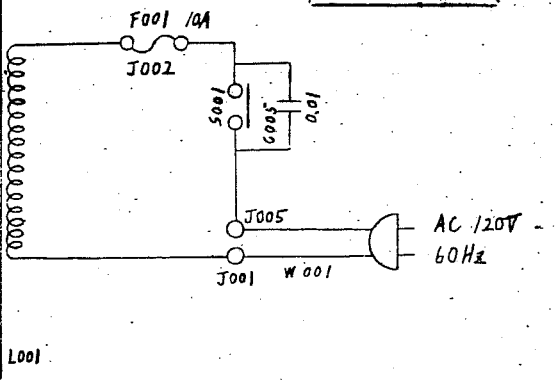
- 25B561(C) B109, 110 15581 0124 25A872A(E)
- H306C1L B111, 112, 115, 116 152471
- 152473 B113, 114 H34A2
- MT-5T Q123 25C2705(B)



- P100 -7743
- P200 -7744
- P300 -7747
- P400 -7748
- P500 -7745
- P600 -7746

- Q501 TC40694BP F501~506 1A
- Q502, 504, 505 25A999(F)
- Q503 25C2320(F)
- B504 100F2
- B505 H315-2L
- B506 H309C2L
- B507~513 152473

CIT X1(A)
共通機種名



部長承認	課長承認	保長	主任	設計担当	製図担当
				57.12-3	57.12-3

第三角法	単位: mm	図名	設計者	校核者	出図
尺	同機	小森	57.12-3	57.12-3	57.12-3
度	度	名	CIT X1 SCHEMATIC DIAGRAM		
材	地	工	SBA	Page: 1	Next: -
新白砂電機株式会社			CIT X1(USA)-300		