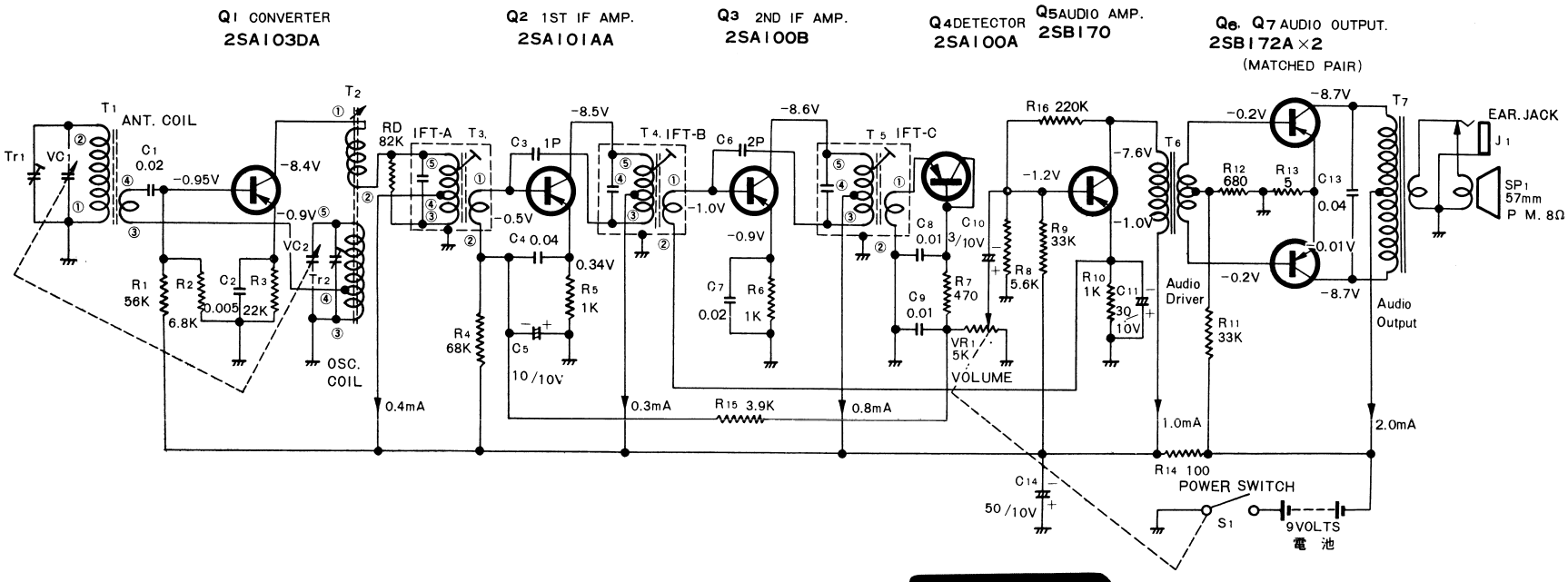
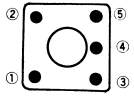
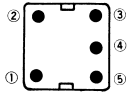
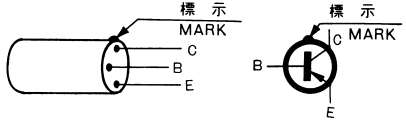
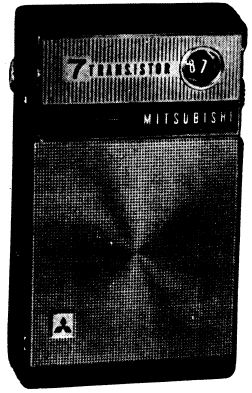










NOTE:

1. All resistors are ohms unless specified. K = 1000 ohm.
2. All capacitors are in microfarads otherwise specified. P = 10^{-6} microfarads.
3. Voltage measurements are made with a VTVM from point indicated to battery (+) terminal.
4. With no signal and at minimum volume control total battery drain should be approx. 6mA.

MITSUBISHI Model 7X-164

ALIGNMENT REQUIREMENT

SIGNAL GENERATOR—Use generator which provides 455 kc and 530~1605 kc frequencies. Signal output shold be modulated 30%. Keep output low enough to just give an indication to avoid AGC action.

INDICATOR—Connect a VTVM to the earphone jack by use of a plug or crips.

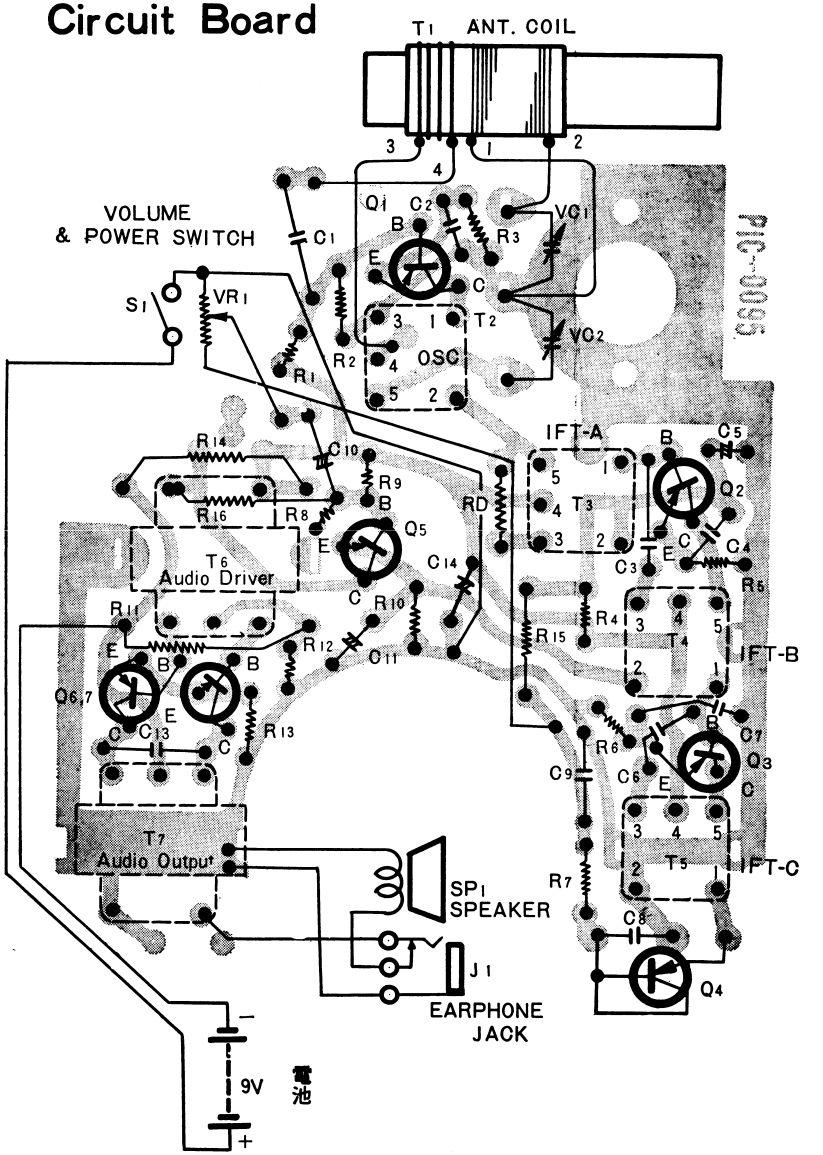
ALIGNMENT TOOL—Use a fiber or bakelite aligning tool that fits the slot in the screws of the trimmer and in the cores of the oscillator coils or IFT to prevent possible body-effect or chipping of the slot.

RECEIVER—Set the volume control to maximum. Be sure during RF alignment that hand or any metal objects on bench do not come in close contact with antenna coil or detuning will occur and alignment will be incorrect.

調整手順表 ALIGNMENT PROCEDURE CHART

手順 Step	テストオツシレータ接続個所 Connect Signal Generator to	テストオツシレータ周波数 Generator Frequency	ダイアル指示 Dial (VC) Setting	調整個所（出力最大） Adjust for Maximum
1		455 kc	最高周波数 Maximum Frequency	IFT T_6, T_4 および T_3 と順次に IFT T_6, T_4 & T_3 in order
2	VC_1 端子に 1~3pF のコンデンサを直列に	600 kc	600 kc	発振コイル T_2 osc. coil T_2
3	〃	〃	〃	アンテナコイル T_1 ant. coil T_1
4	VC_1 through 1~3pF capacitor	1400 kc	1400 kc	発振トリーマ Tr_2 osc. trimmer Tr_2
5	〃	〃	〃	アンテナトリーマ Tr_1 ant. trimmer Tr_1
6		手順 2～5 を繰り返えす Repeat steps 2～5		

Model 7X-164 Bottom View of Printed Circuit Board



Model 7X-164 Bottom View of Printed Circuit Board