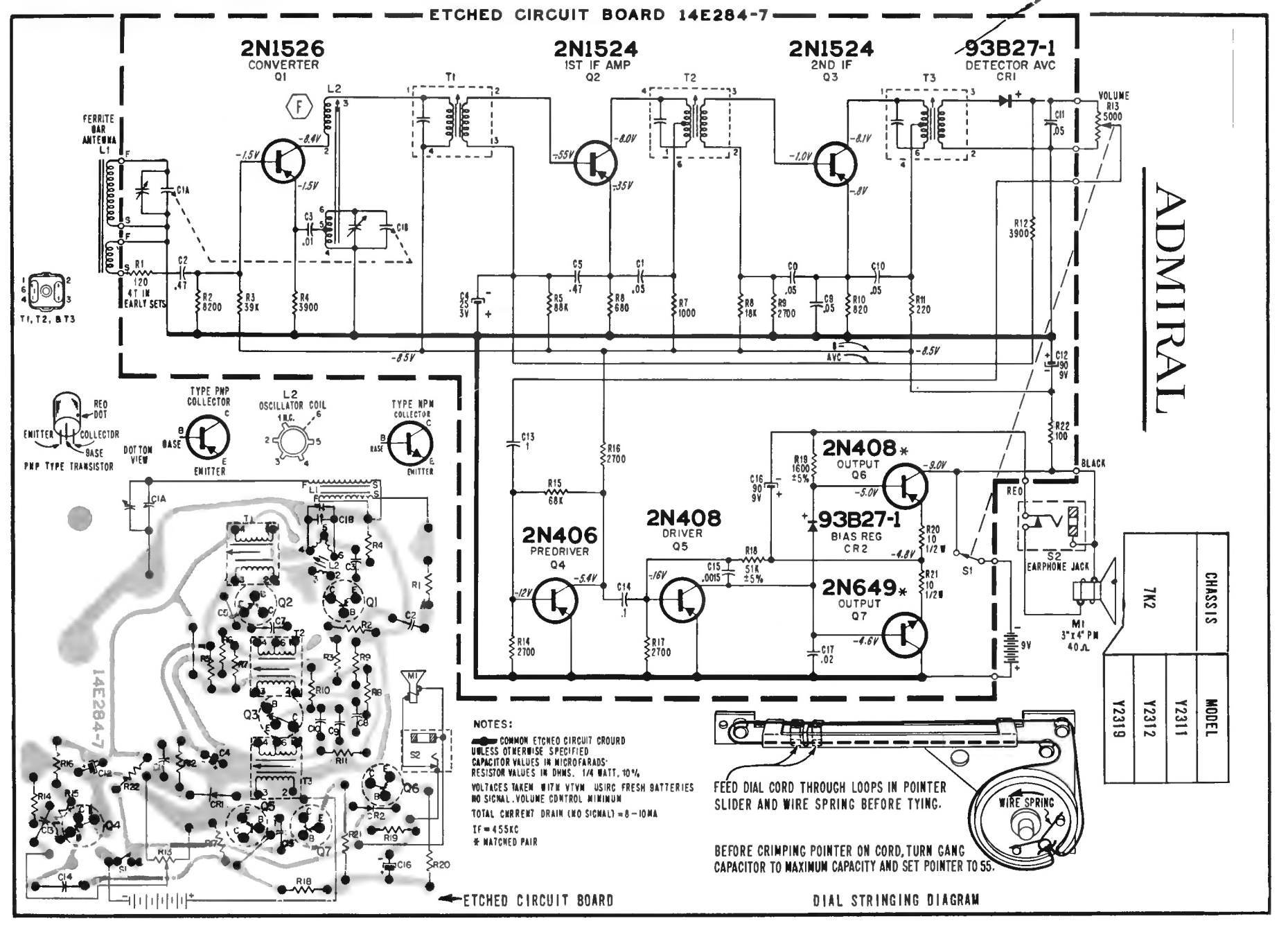
ETCHED CIRCUIT BOARD 14E284-7
2N1526
CONVERTER
Q1
2N1524
1ST IF AMP
Q2
2N1524
2ND IF
Q3
93B27-1
DETECTOR AVC
CR1
T1
T2
T3
L2
FERRITE BAR ANTENNA
L1
C1A
C1B
R1
120
4T IN EARLY SETS
C2
.47
R2
8200
R3
39K
R4
3900
C3
.01
C4
25
3V
C5
.47
R5
88K
C1
.05
R8
680
R7
1000
R8
18K
C9
.05
R9
2700
C10
.05
R10
820
R11
220
R12
3900
C11
.05
VOLUME
R13
5000
C12
90
9V
R22
100
-8.5V
AVC
T1, T2, & T3
REO DOT
EMITTER
COLLECTOR
BASE
PNP TYPE TRANSISTOR
DOT TOM VIEW
TYPE PNP
COLLECTOR
BASE
EMITTER
L2
OSCILLATOR COIL
1 N.C.
TYPE NPN
COLLECTOR
BASE
EMITTER
C13
1
R16
2700
R15
68K
2N406
PREDRIVER
Q4
2N408
DRIVER
Q5
C14
.1
R14
2700
R17
2700
R18
51K
±5%
C15
.0015
C16
90
9V
R19
1600
±5%
2N408*
OUTPUT
Q6
93B27-1
BIAS REG
CR2
2N649*
OUTPUT
Q7
R20
10
1/2 W
R21
10
1/2 W
C17
.02
9V
S1
S2
EARPHONE JACK
M1
3"x4" PM
40Ω
BLACK
REO
7K2
CHASSIS
MODEL
Y2319
Y2312
Y2311
ADMIRAL
14E284-7
NOTES:
COMMON ETCHED CIRCUIT GROUND
UNLESS OTHERWISE SPECIFIED
CAPACITOR VALUES IN MICROFARADS
RESISTOR VALUES IN OHMS. 1/4 WATT, 10%
VOLTAGES TAKEN WITH VTVM USING FRESH BATTERIES
NO SIGNAL. VOLUME CONTROL MINIMUM
TOTAL CURRENT DRAIN (NO SIGNAL) = 8 – 10MA
IF = 455KC
* MATCHED PAIR
FEED DIAL CORD THROUGH LOOPS IN POINTER SLIDER AND WIRE SPRING BEFORE TYING.
WIRE SPRING
BEFORE CRIMPING POINTER ON CORD, TURN GANG CAPACITOR TO MAXIMUM CAPACITY AND SET POINTER TO 55.
ETCHED CIRCUIT BOARD
DIAL STRINGING DIAGRAM