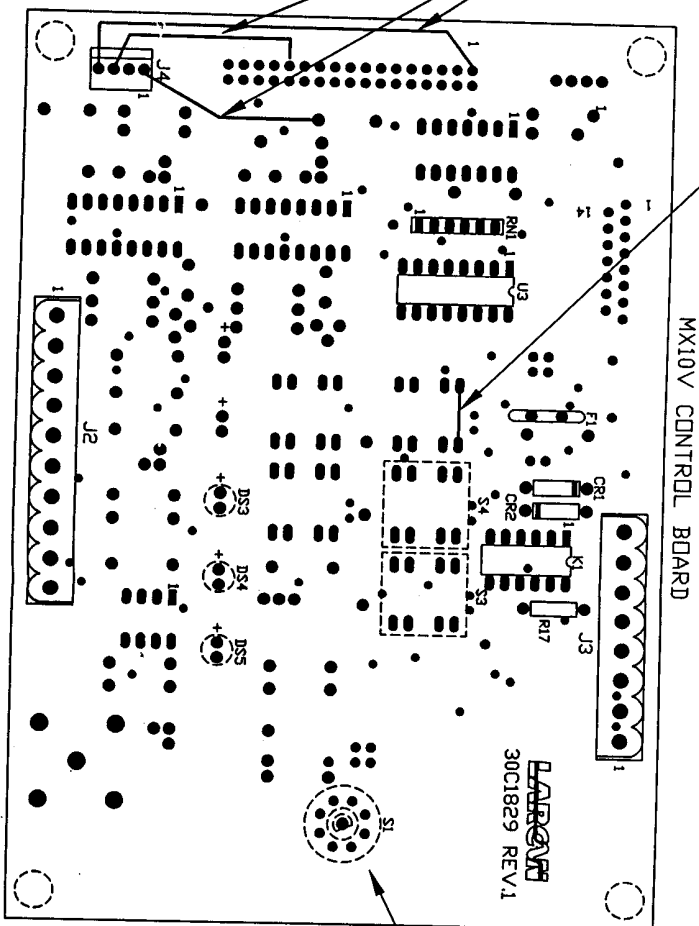




PUB98-33 rev 0: Figure 33-2.

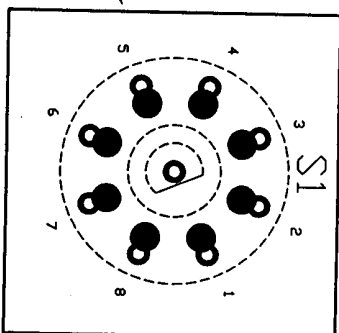
INSTALL #24 AWG BUSS WIRE WITH CLEAR SLEEVING
ON THE SOLDER SIDE OF THE BOARD



REV.1

GROUP (2) ASSEMBLY

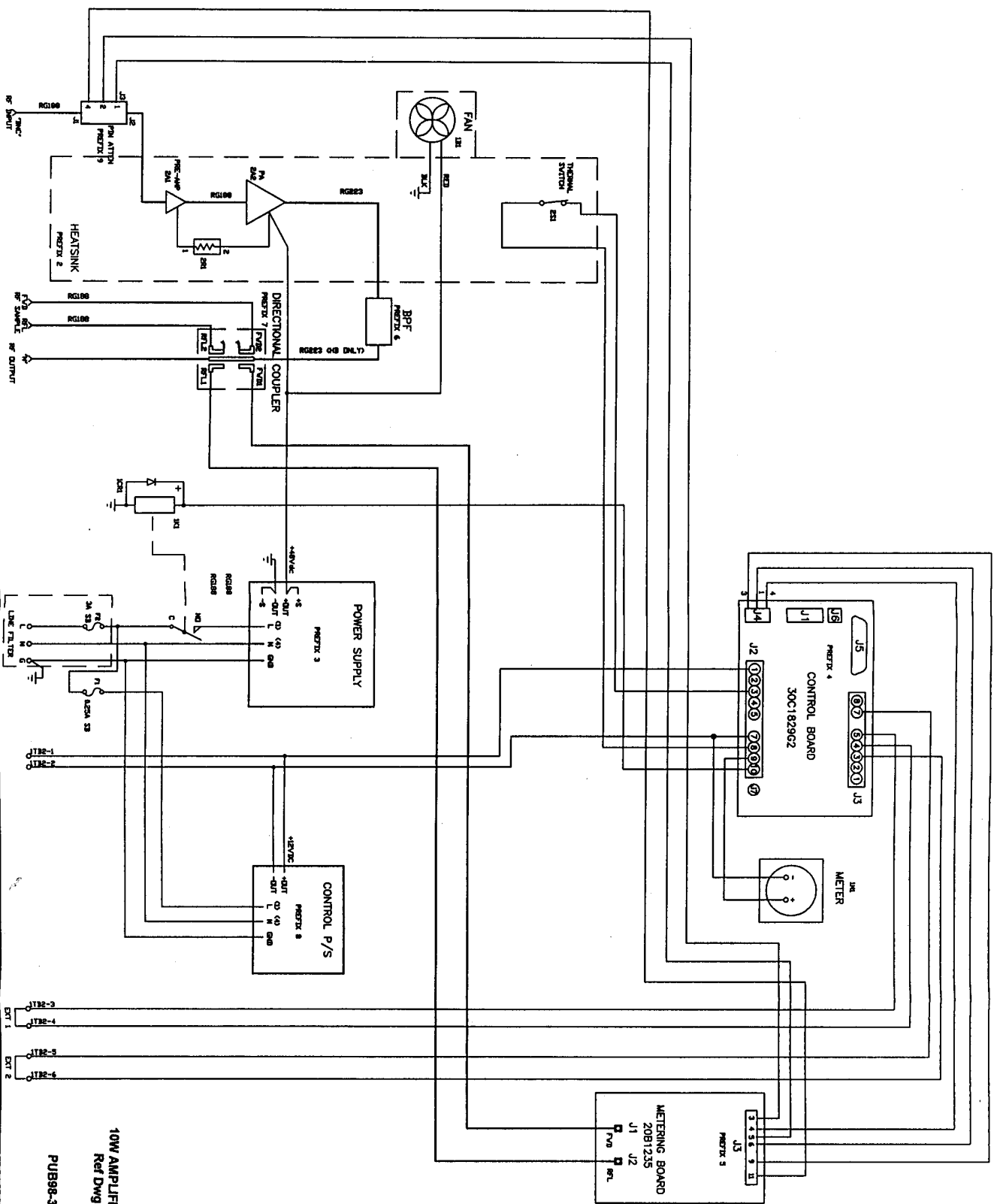
viewed from component side of board



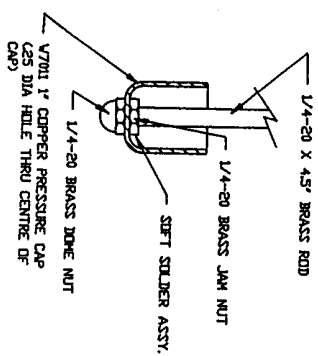
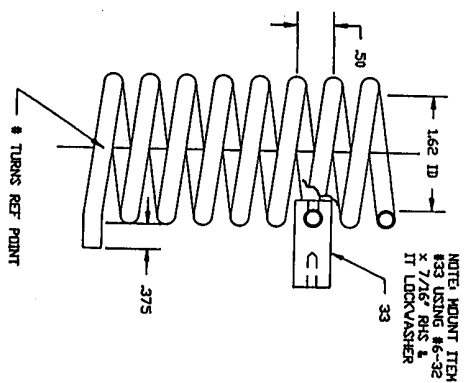
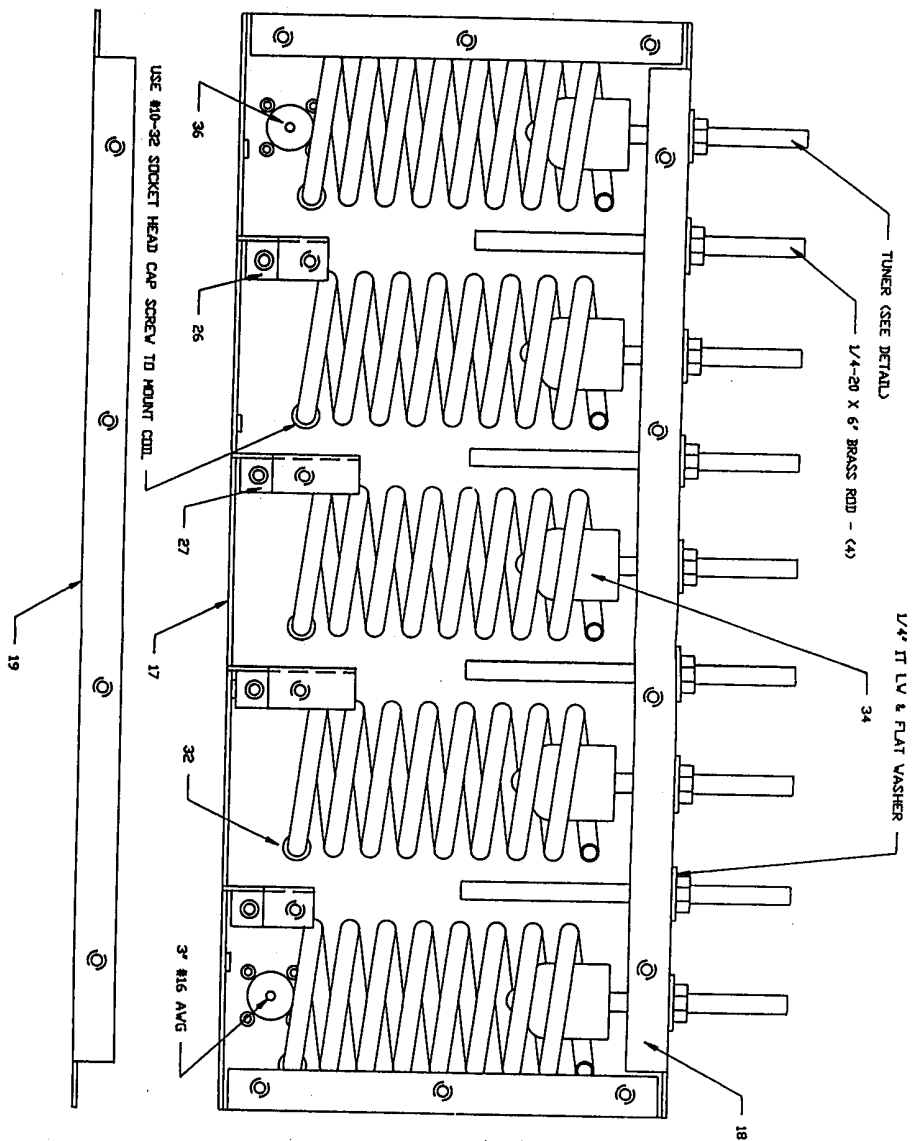
The above numbering corresponds with the
numbering around the barrel of the switch.

NOTES:
COMPONENTS SHOWN DOTTED
TO BE MOUNTED ON OPPOSITE SIDE.
DS3,DS4,DS5,S1

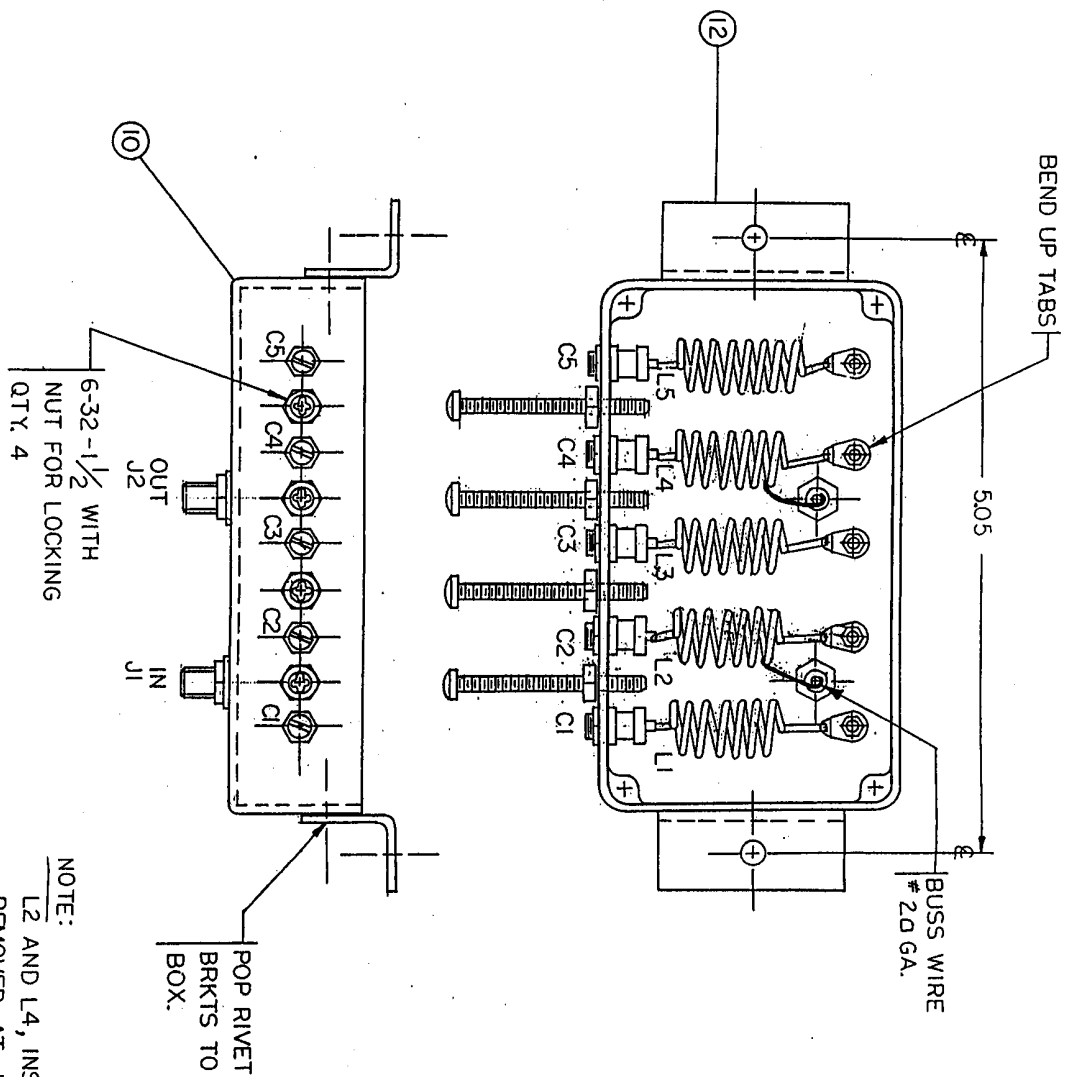
AMPLIFIER CONTROL PC BOARD ASSEMBLY,
Ref Dwg: 30C1829G2,



10W AMPLIFIER WIRING DIAGRAM,
 Ref Dwg: 30C1987 sht 1 rev 1,
 PUB98-30 rev 0: Figure 30-2.

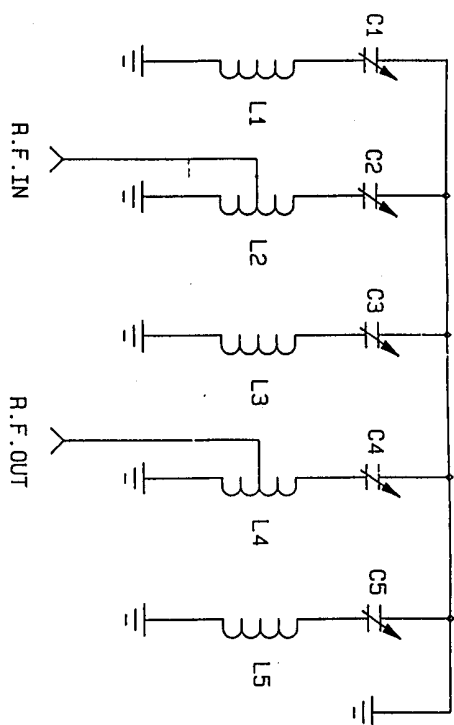


TYPICAL HELICAL RESONATOR BP FILTER ASSEMBLY,
Ref DWG: 30C1064 SH 2 rev 3,



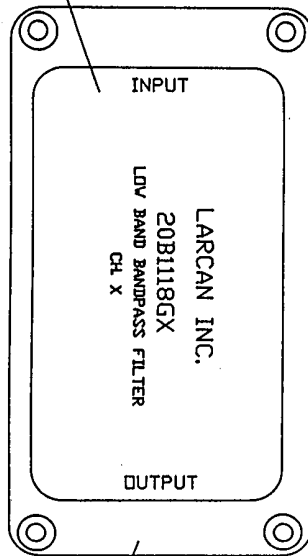
PART (1) ASSEMBLY (COVER REMOVED)

NOTE:
L2 AND L4, INSULATION IS
REMOVED AT 1 TURN AND
#20 GA. BUSS WIRE IS
CONNECTED FROM COILS
TO CONNECTORS AS
SHOWN.

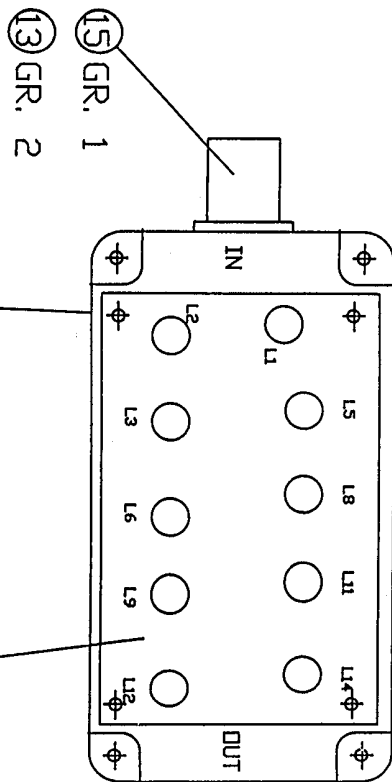
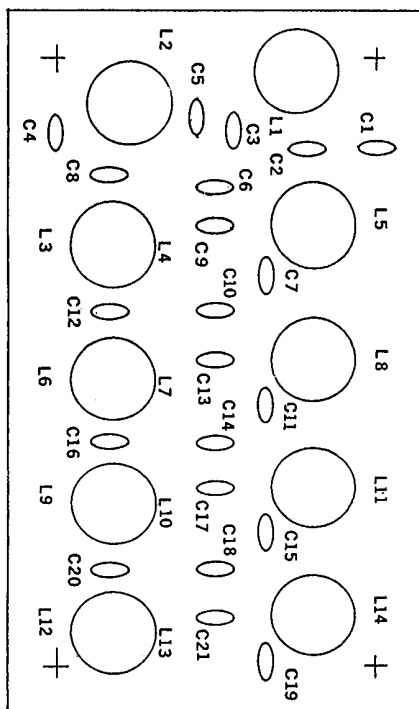


VHF HIGH BAND: BANDPASS FILTER,
Ref DWGS: Asm 208704 sht 1 rev 2,
Schem 10A769 sht 1 rev 0.

STICK-ON LABEL



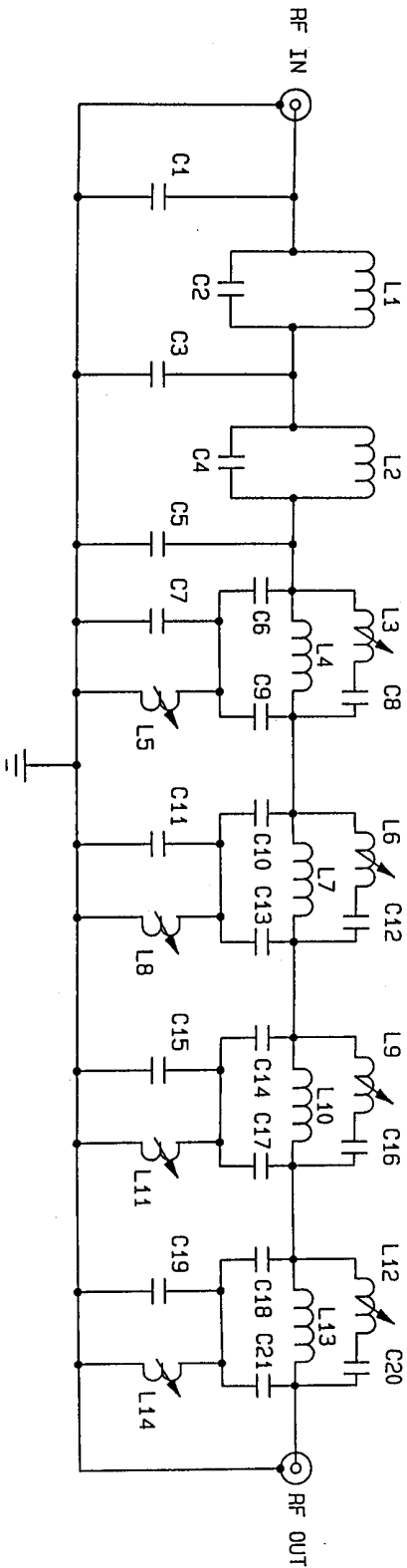
COVER



ITEM DESCR

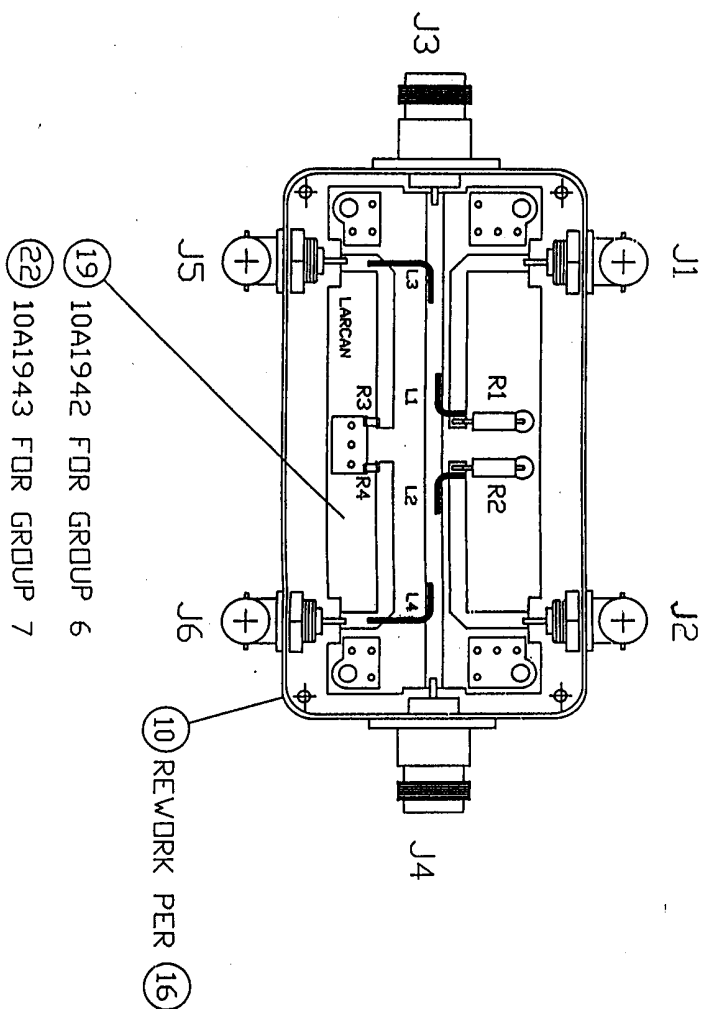
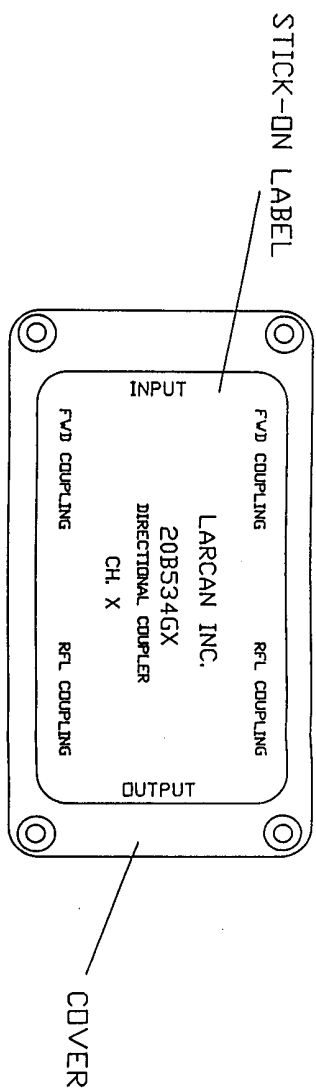
- 13 UG-58A/U, FEMALE 'N'
- 15 49000, MALE 'N'

VHF LOW BAND: LOWPASS & NOTCH FILTER,
Ref Dwg: Asm 20B1118 sht 1 rev 0,
Comp layout 20B1120 sht 1 rev 0,



CH	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21
2	33	10	68	15	27	1.8	39	39	1.8	4.3	39	39	4.3	4.3	33	33	4.3	1.5	27	27	1.5
3	33	10	68	15	27	1.8	27	27	1.8	2.7	27	27	2.7	2.7	18	18	2.7	1.8	27	27	1.8
4	33	10	68	15	27	1.8	27	27	1.8	2.7	22	22	2.7	2.7	22	22	2.7	1.5	18	18	1.5
5	39	2.2	62	1.8	27	2.2	27	27	2.2	2.7	27	27	2.7	2.2	33	33	2.2	1.5	27	27	1.5
6	39	2.2	62	1.8	27	2.2	22	22	2.2	2.2	22	22	2.2	2.2	27	27	2.2	1.5	22	22	1.5

CAPACITORS SHOWN ARE IN PICOFARADS.



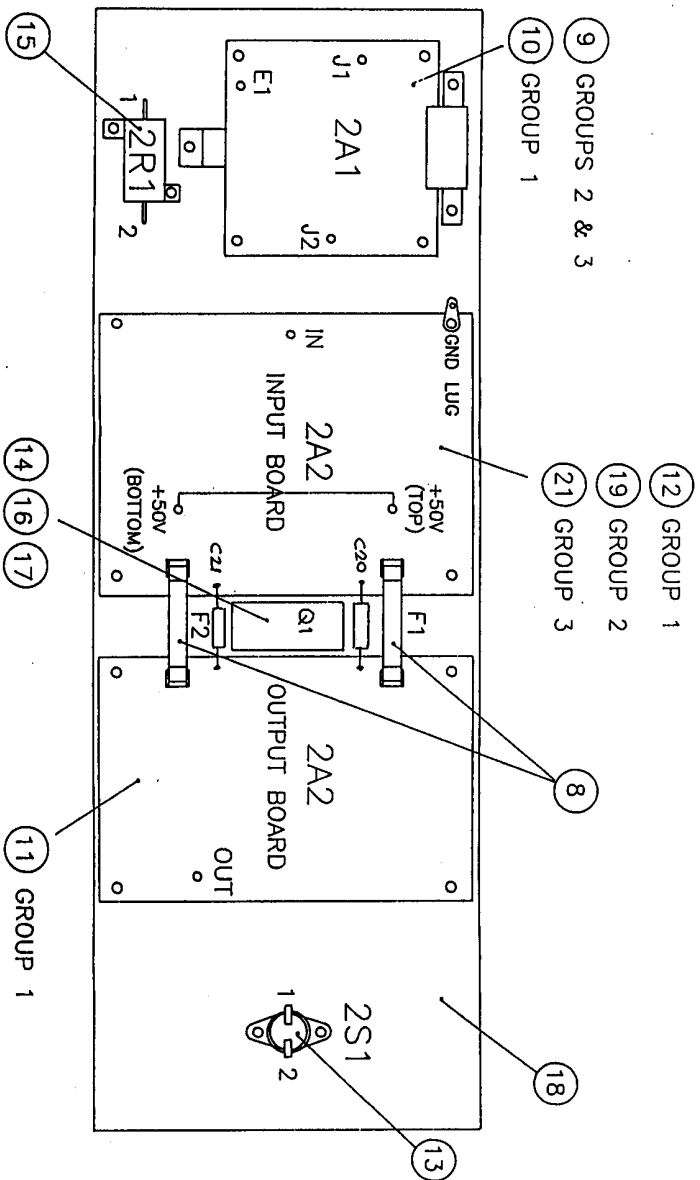
GROUP

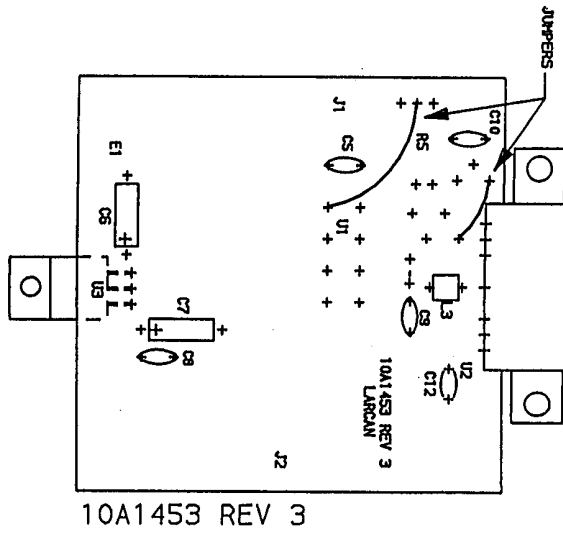
- 6 ASSY. AS SHOWN WITH ITEM 19
- 7 ASSY. AS SHOWN WITH ITEM 22

RF DIRECTIONAL COUPLER ASSEMBLIES,
Box Asm. 20B534 sht 4 rev 0,
Low Band Board Asm. 10A1942 sht 1 rev 0,
High Band Board Asm. 10A1943 sht 1 rev 0,

ASSEMBLY GROUPS 1 TO 3

C20 & C21 IN
Low Band ONLY.

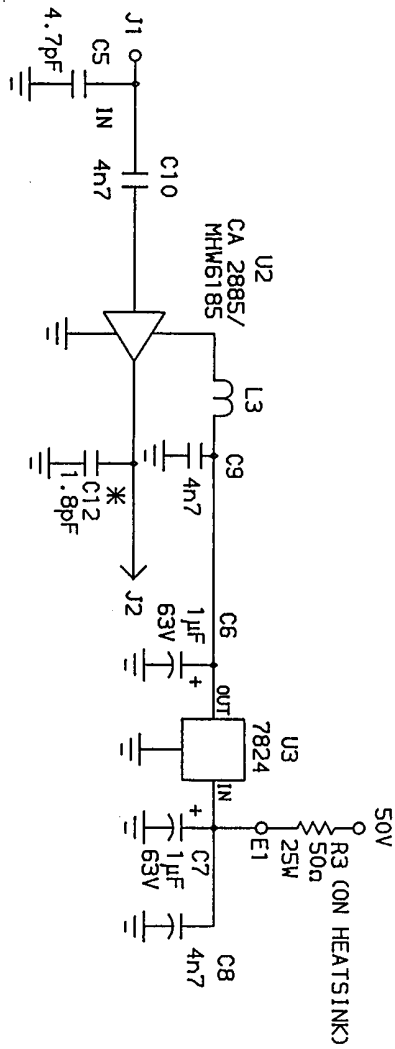




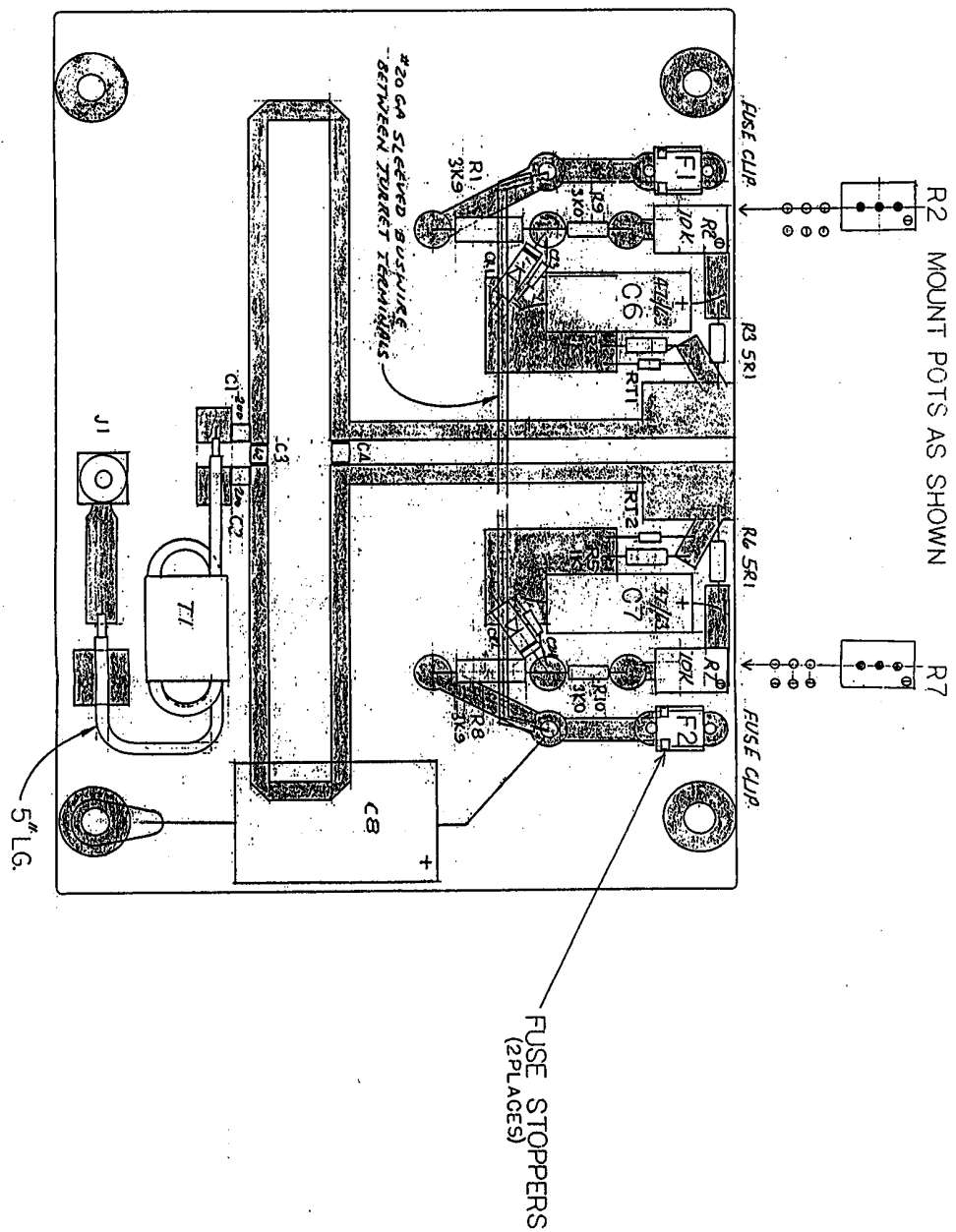
ASSEMBLY GS LO BD

NOTE

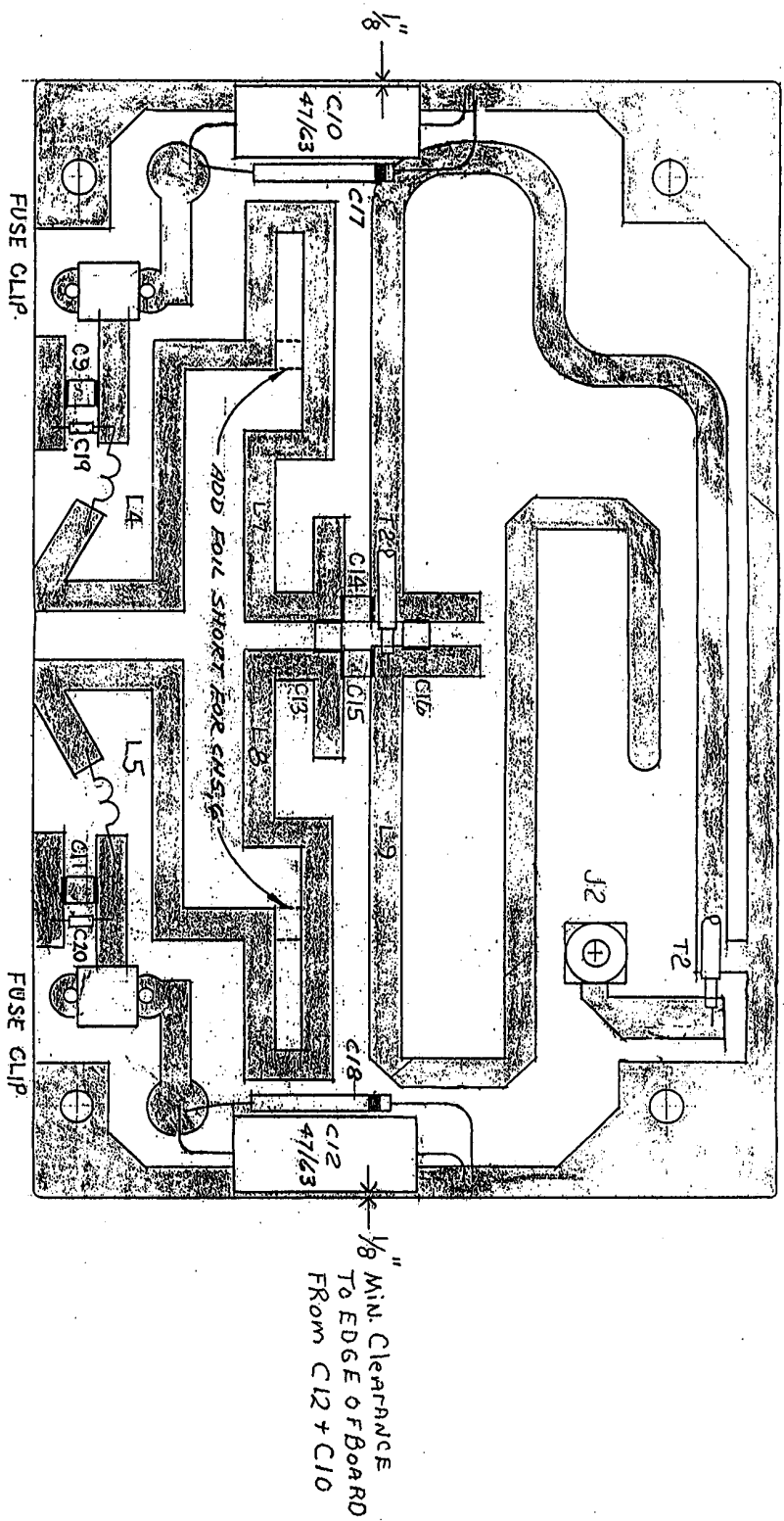
U2 AND U3 TO BE SOLDERED ON
AT LATER ASSEMBLY
OR USE ASSEMBLY JIG.



LOW BAND PREAMPLIFIER ASSEMBLY & SCHEMATIC,
Ref Dwg: Assembly 10A1453GS,
Schematic 10A1453 sht 11 rev 4,



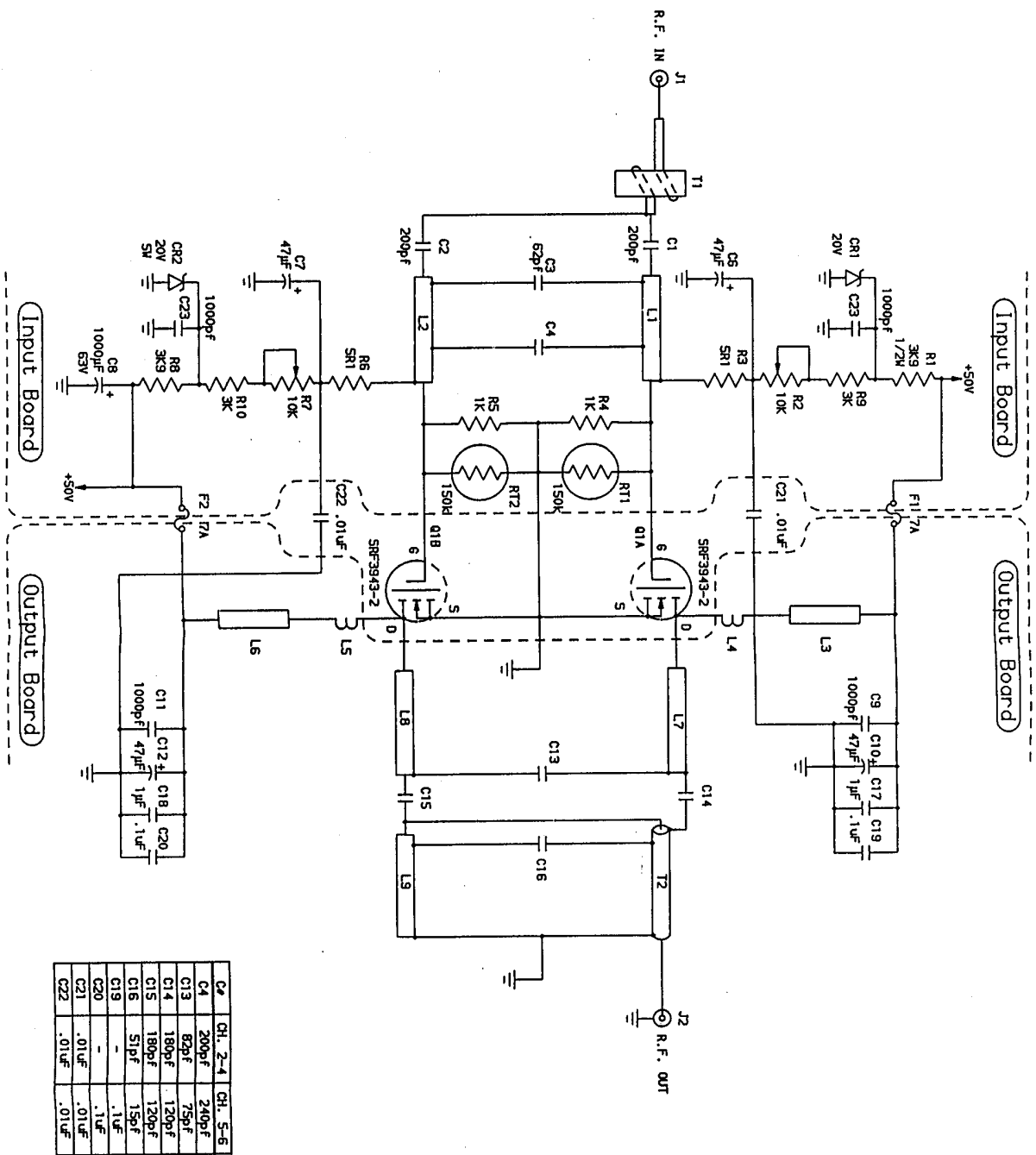
LOW BAND PA INPUT CIRCUIT BOARD ASSEMBLY,
Ref Dwg: 30C1054 sht 1 rev 5,



ASS'Y - AS SHOWN.

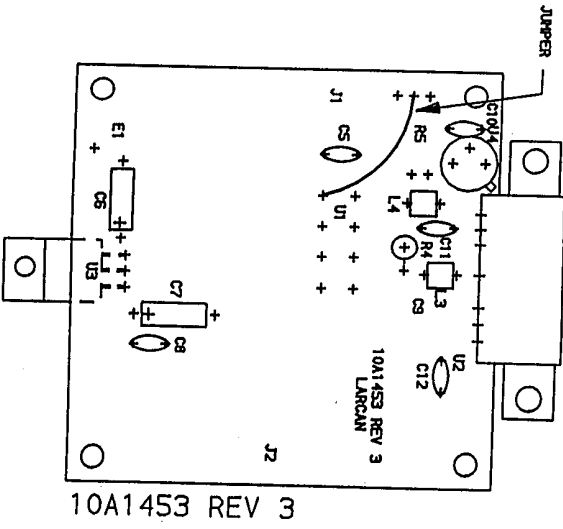
C #	CH 2-4	CH 5-6
C13	82 pf	75 pf
C14	180 pf	120 pf
C15	180 pf	120 pf
C16	51 pf	15 pf

LOW BAND PA OUTPUT CIRCUIT BOARD ASSEMBLY,
Ref DWG: 30C1065 Rnt 1 rev 3,



C2	CH. 2-4	CH. 5-6
C4	200pF	240pF
C13	82pF	75pF
C14	180pF	120pF
C15	180pF	120pF
C16	51pF	15pF
C19	-	.1μF
C20	-	.1μF
C21	.01μF	.01μF
C22	.01μF	.01μF

LOW BAND POWER AMPLIFIER SCHEMATIC,
Ref Dwg: 30C1056 Sht. 1 rev 2,

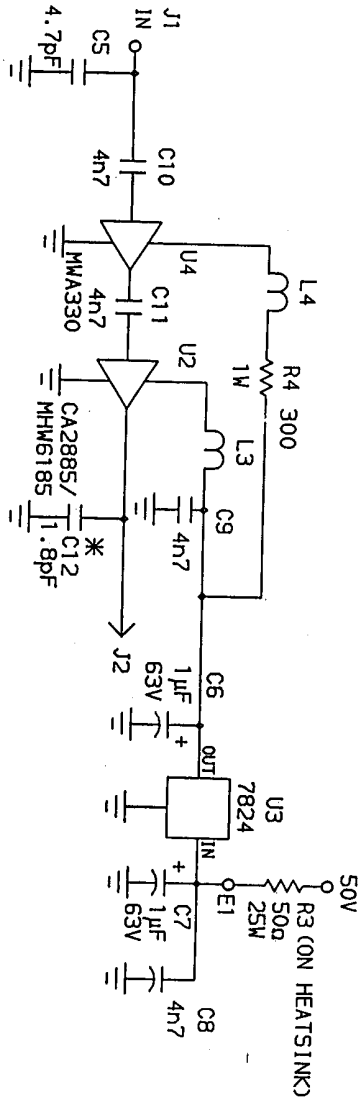


10A1453 REV 3

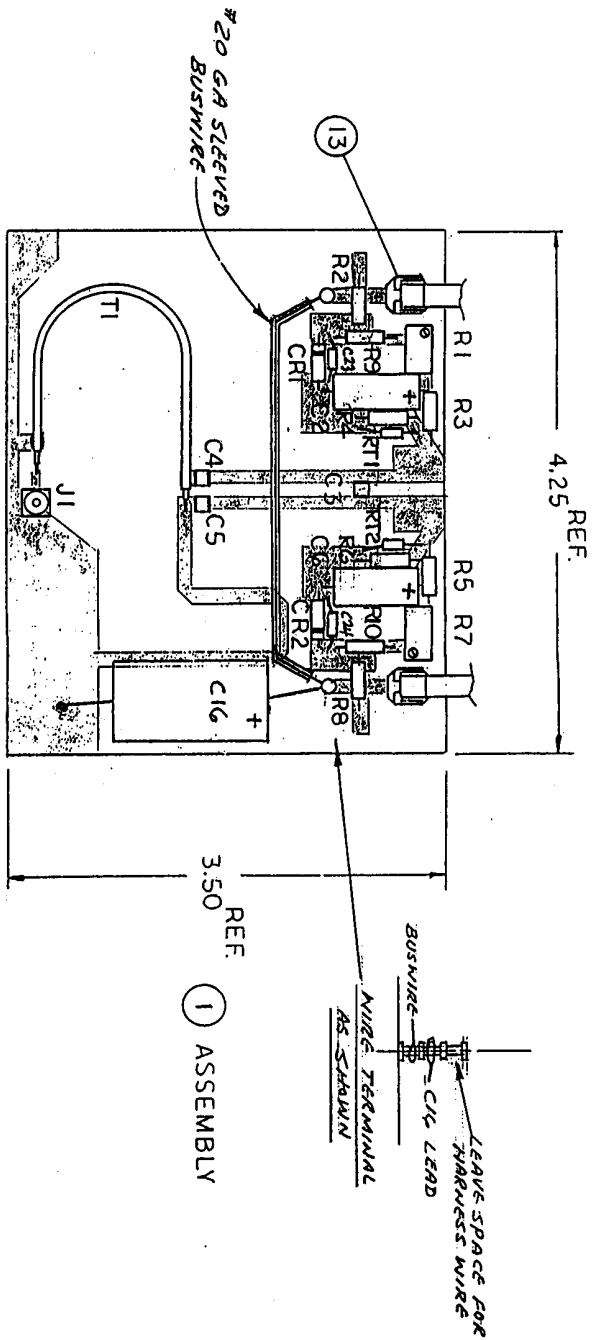
ASSEMBLY G4 HI BD

NOTE

U2 AND U3 TO BE SOLDERED ON
AT LATER ASSEMBLY
OR USE ASSEMBLY J16.

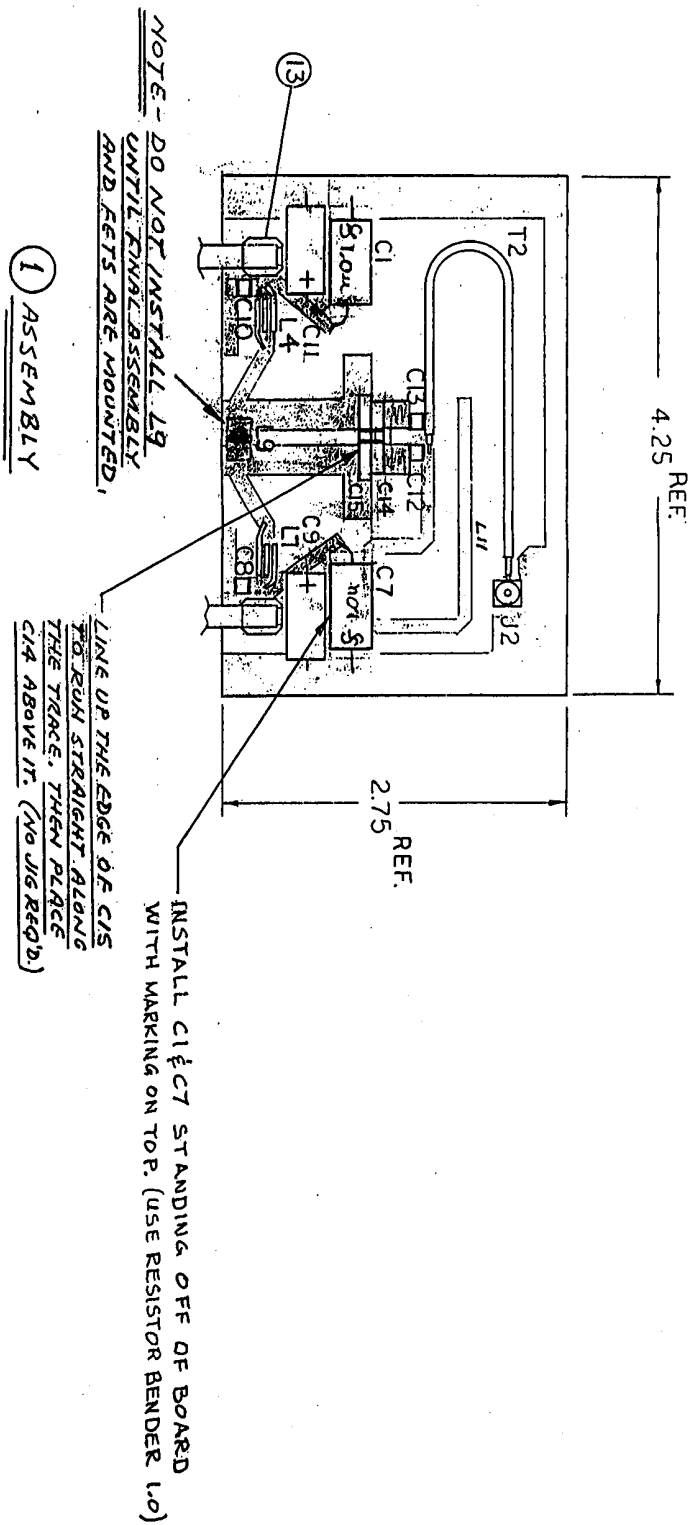


* C12 ONLY USED WHEN U2 IS CA2885.

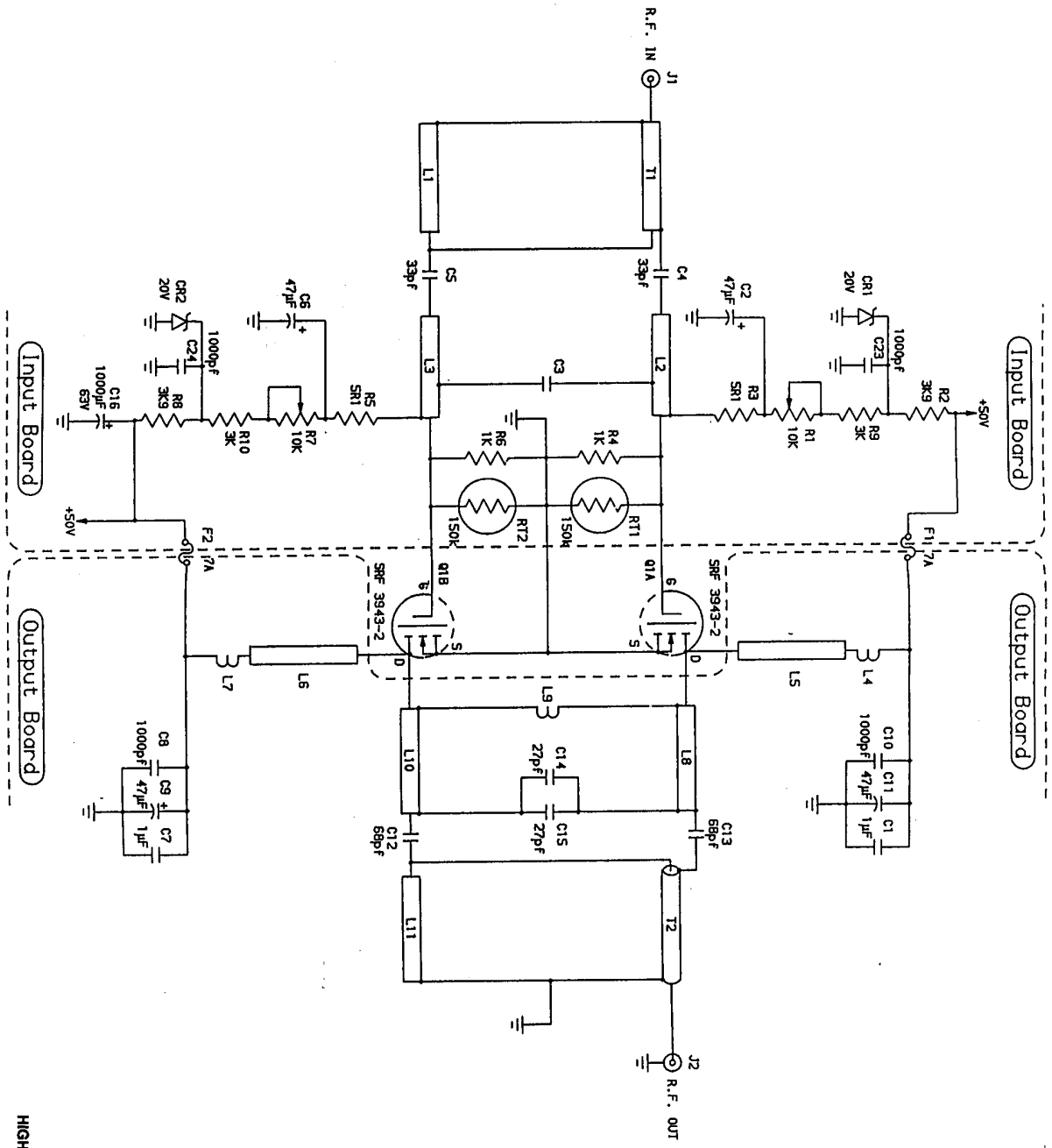


NOTES:

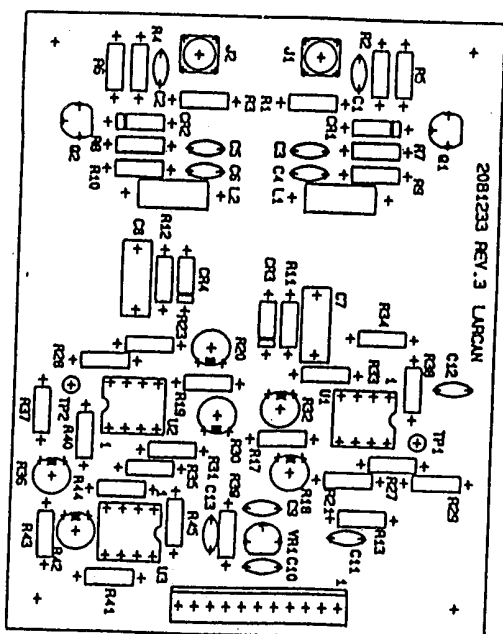
1. USE ROUND CYLINDER DIG FOR MAKING T1.
2. USE 250W INPUT DIG WHEN MOUNTING C3.



HIGH BAND PA OUTPUT CIRCUIT BOARD ASSEMBLY,
Ref Dwg: 2081226 sht 1 rev 7,



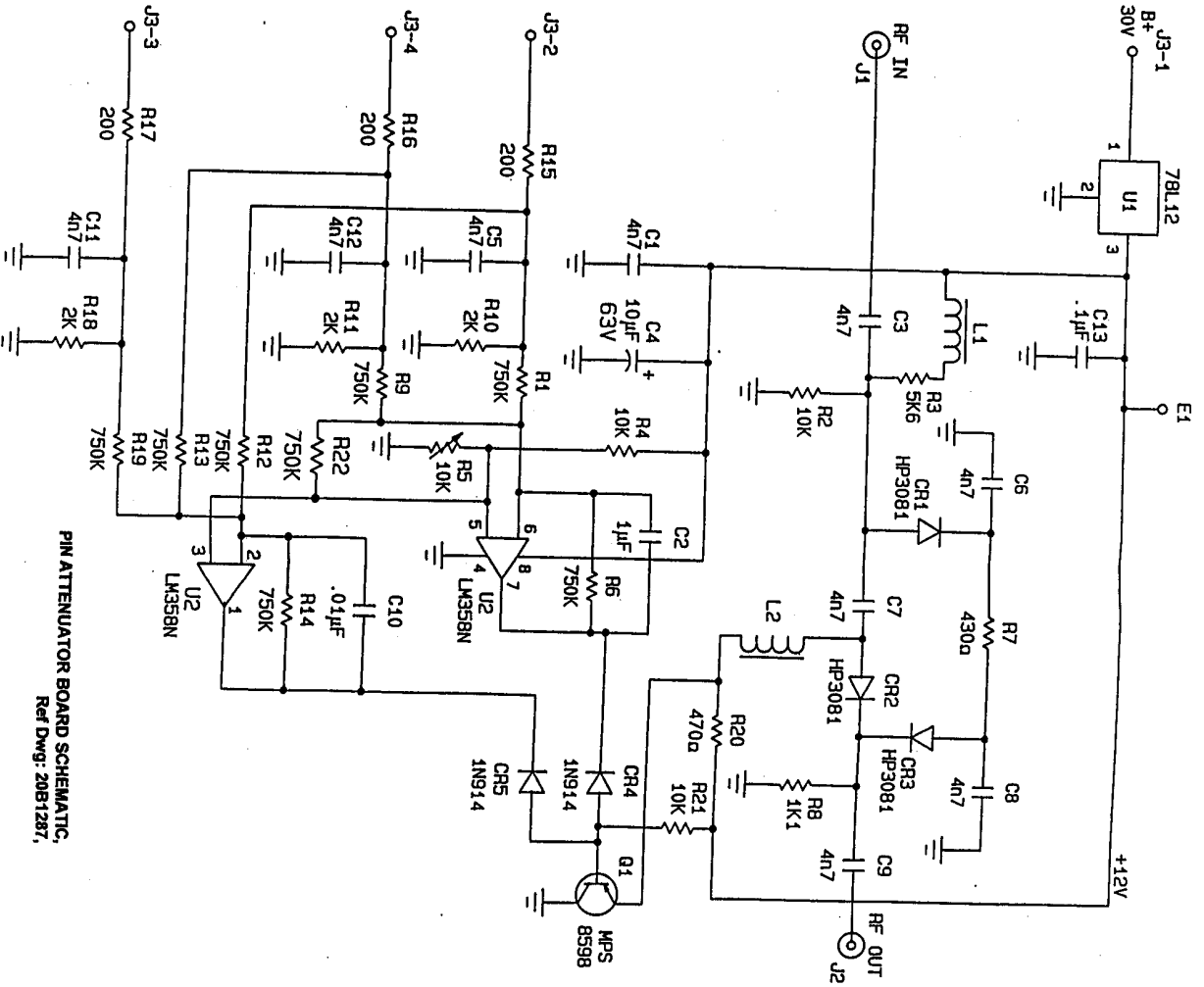
HIGH BAND POWER AMPLIFIER SCHEMATIC,
Ref Dwg: 30C1057 sit 1 rev 4,



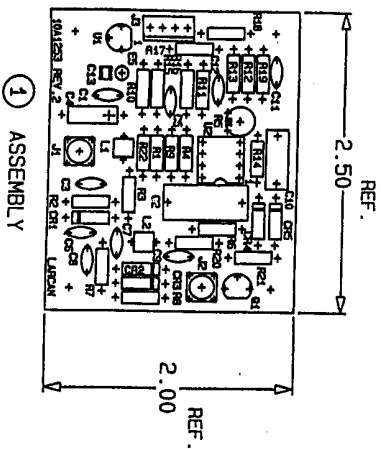
AMPLIFIER RF METERING PC BOARD ASSEMBLY,
Ref DWG: 208123SG7 rev 0,



AMPLIFIER RF METERING PC BOARD SCHEMATIC
Ref Dwg: 20B1246 sht 2 rev 0



PUB98-34a rev 0: Figure 34a-2.



PIN ATTENUATOR PC BOARD ASSEMBLY,
Ref Dwg: 10A128G1 rev 0,
PUB98-34a rev 0: Figure 34a-1.