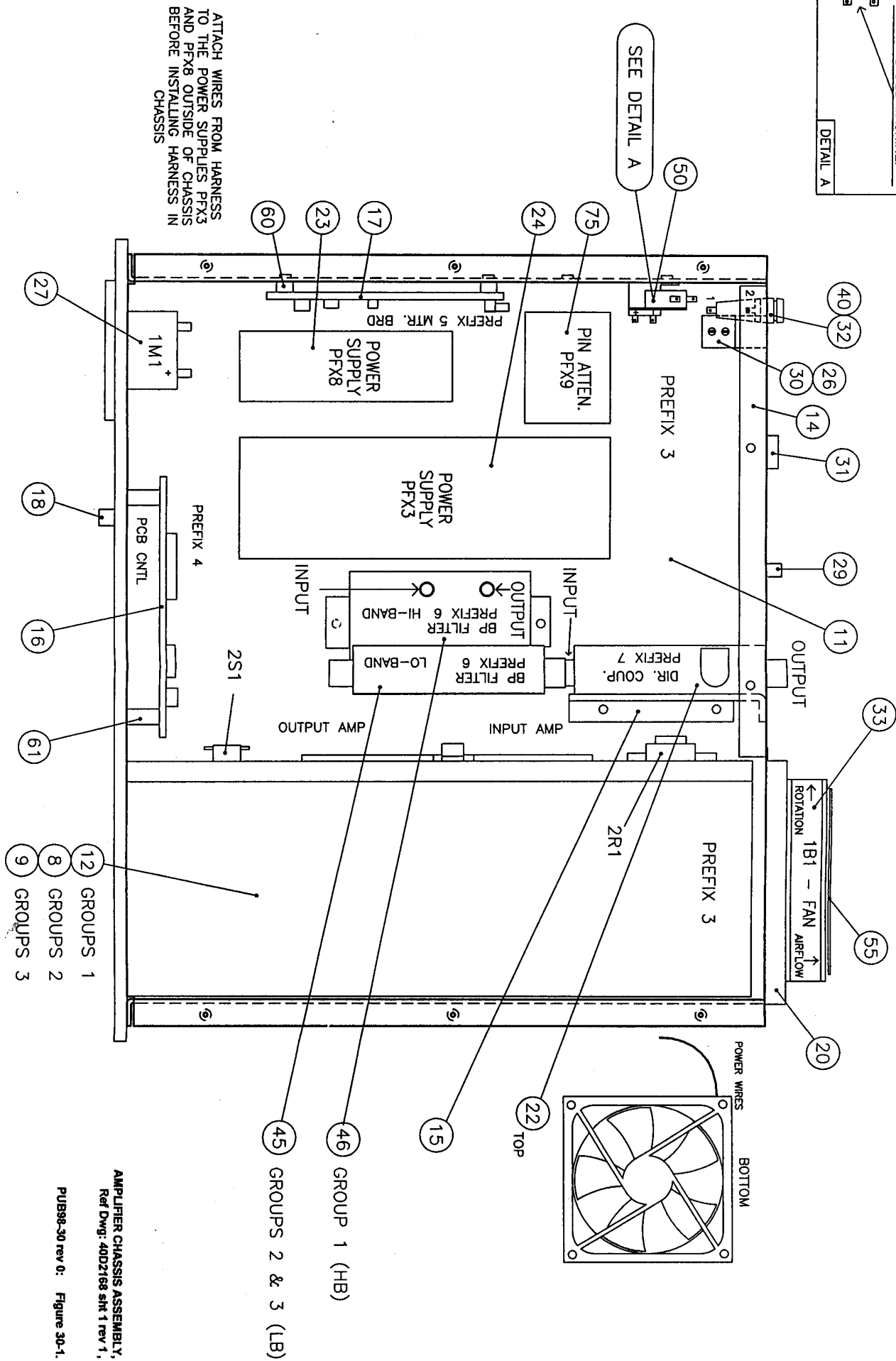
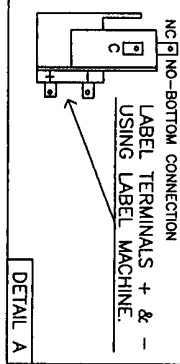
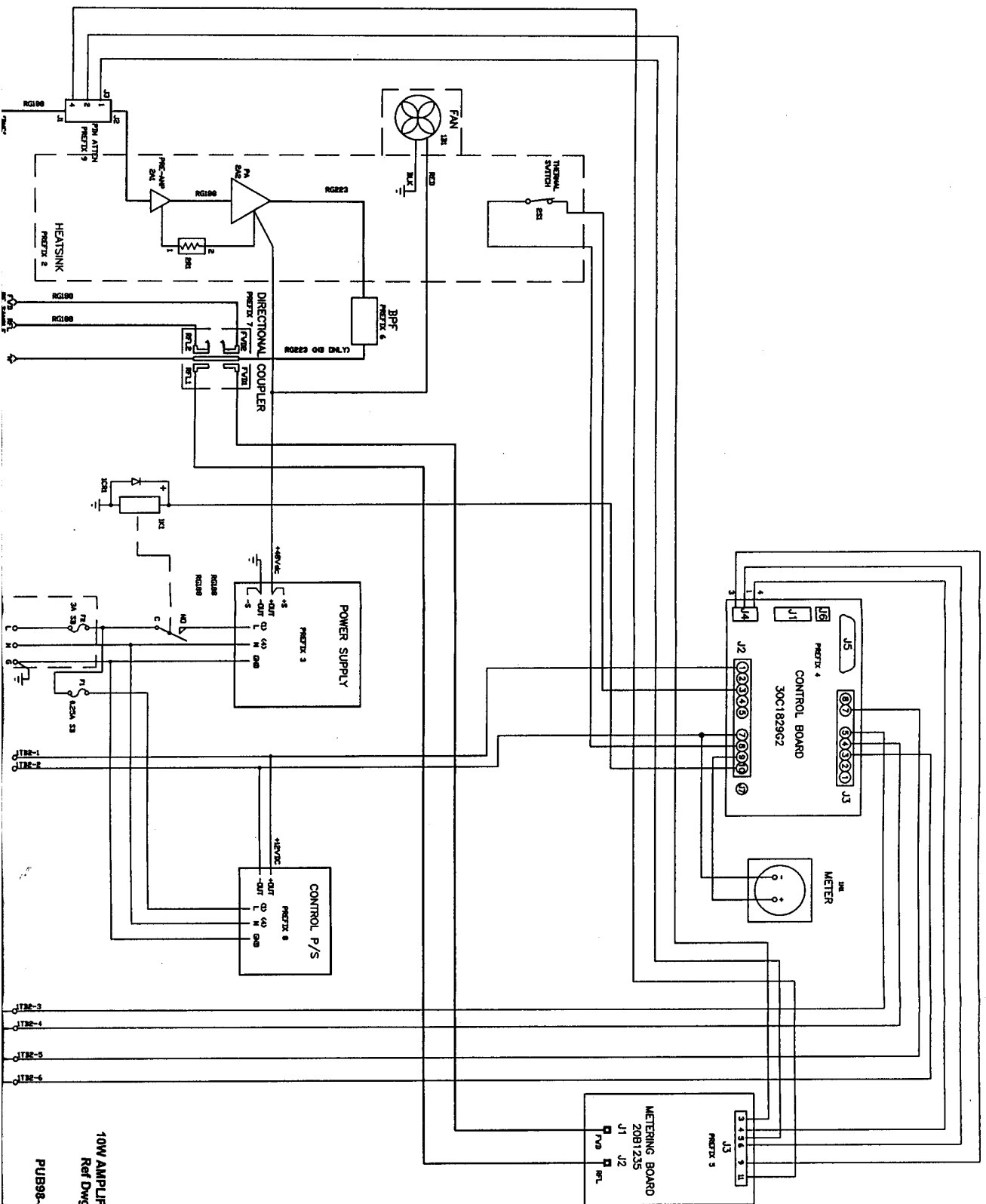
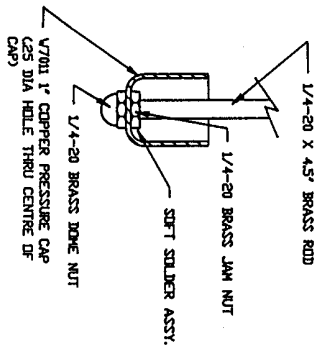
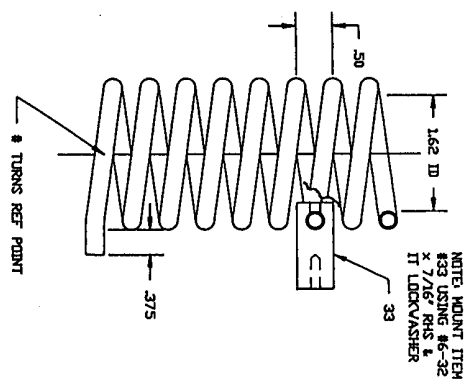
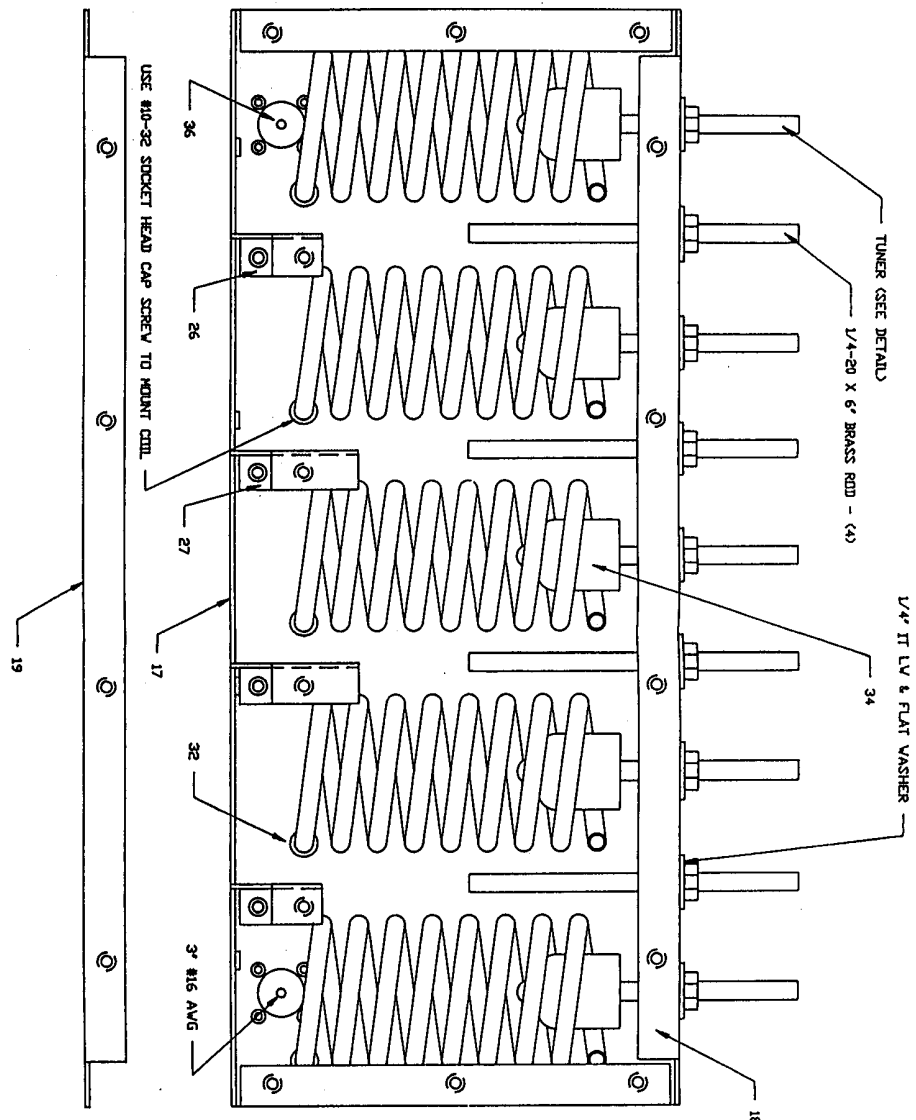




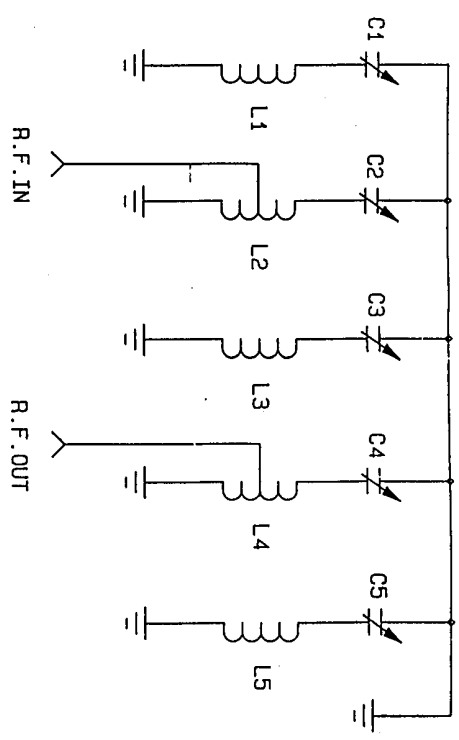
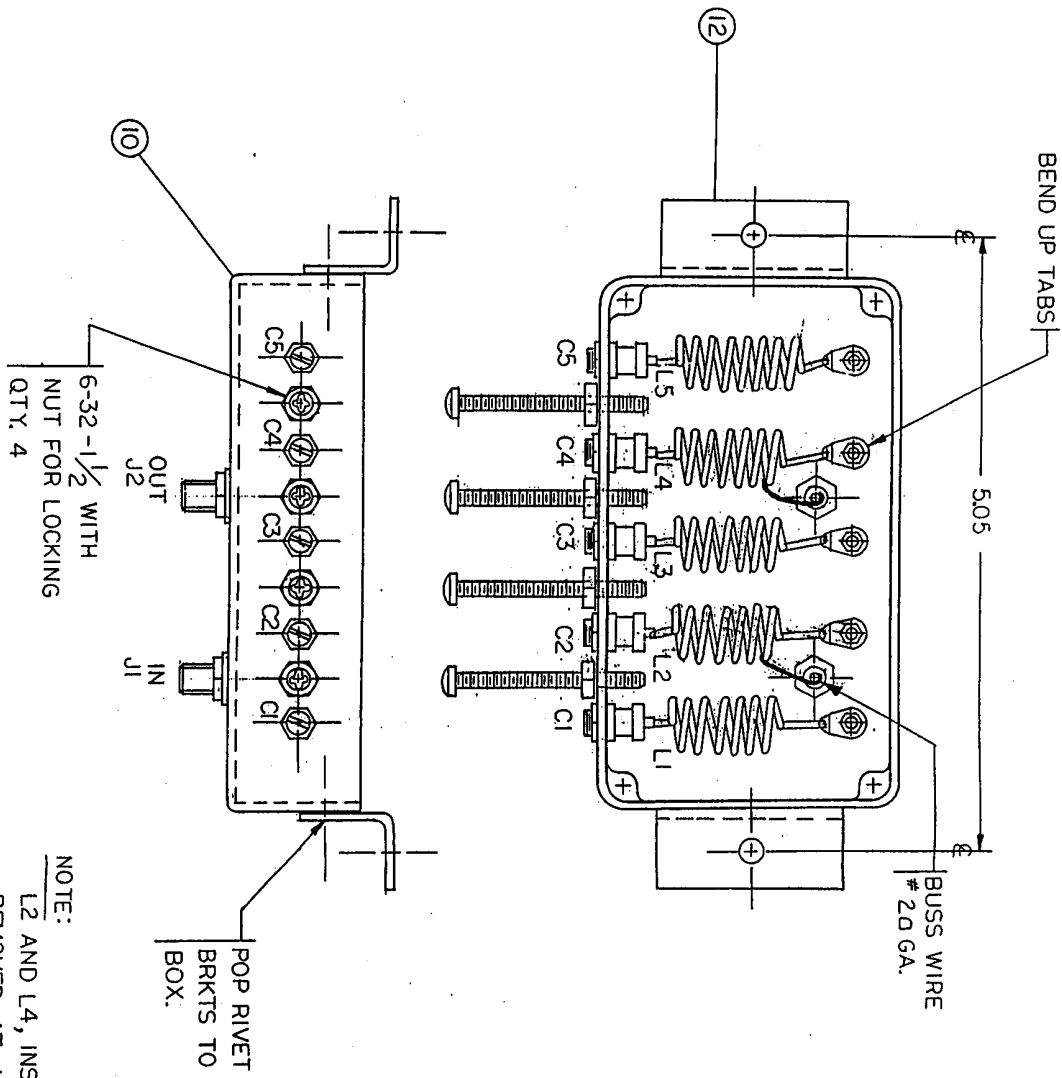
AMPLIFIER CHASSIS ASSEMBLY,  
 Ref Dwg: 40D2168 sht 1 rev 1,  
 PUB98-30 rev 0: Figure 30-1.



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 sht 2 rev 3,

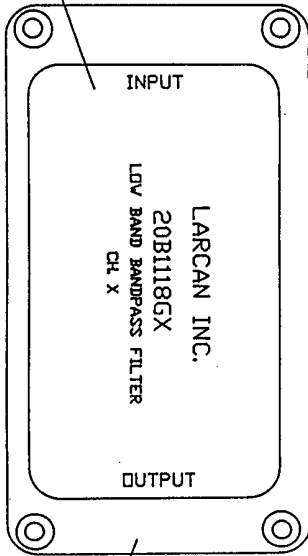


PART 1 ASSEMBLY (COVER REMOVED)

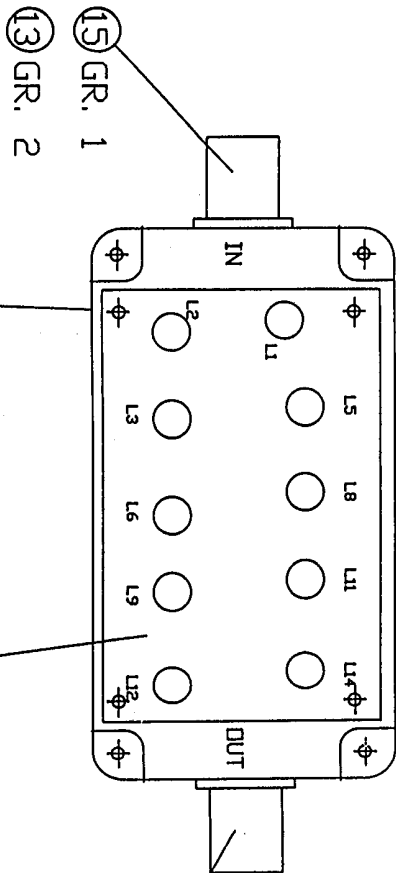
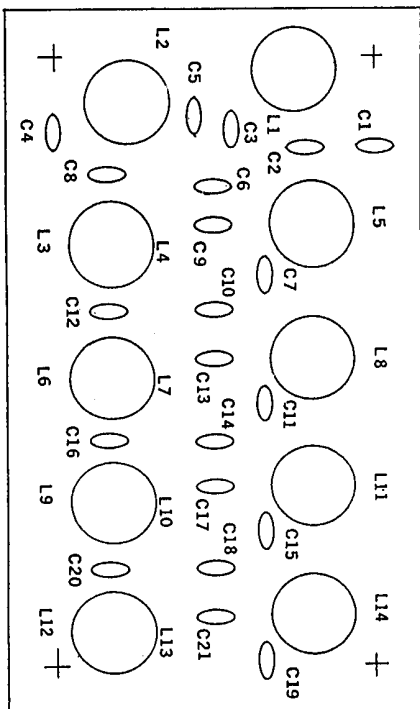
NOTE:  
L2 AND L4, INSULATION IS  
REMOVED AT 1 TURN AND  
#20 GA. BUSS WIRE IS  
CONNECTED FROM COILS  
TO CONNECTORS AS  
SHOWN.

VHF HIGH BAND: BANDPASS FILTER,  
Ref Dwgs: Asm 20B704 sht 1 rev 2,  
Schem 10A769 sht 1 rev 0,  
PUB86-31 rev 0: Figure 31-6.

STICK-ON LABEL



COVER

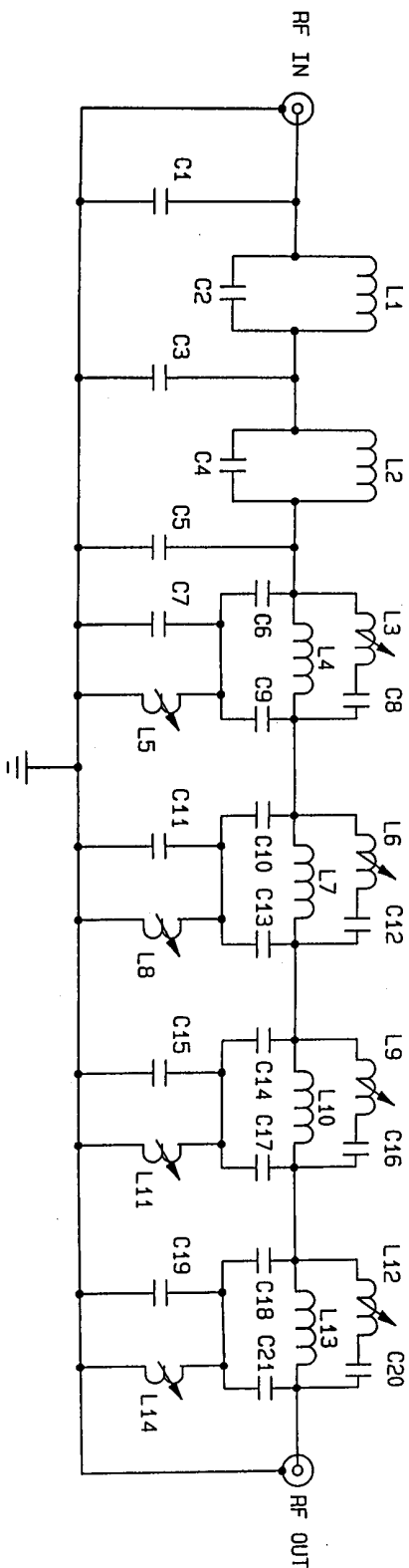


13 GR. 1  
15 GR. 2

ITEM DESCR

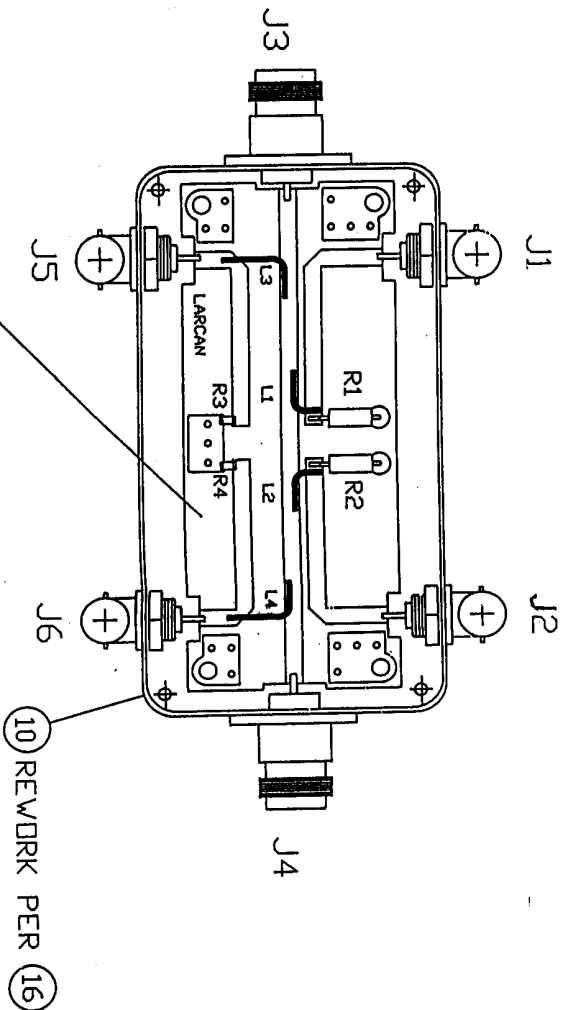
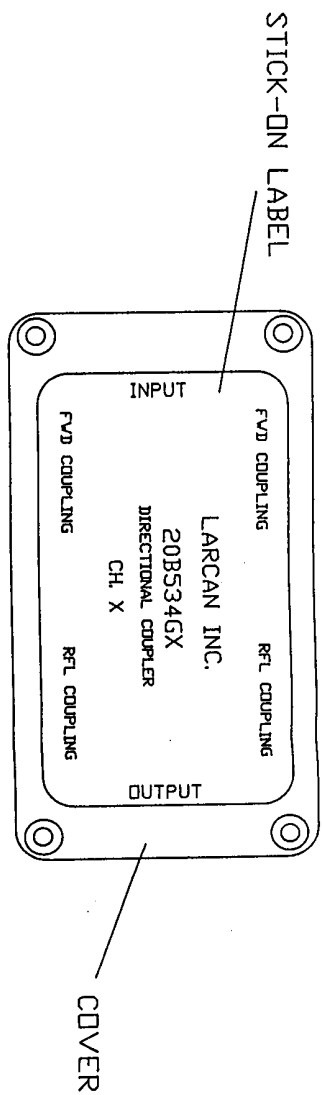
13 UG-58A/U, FEMALE 'N'  
15 49000, MALE 'N'

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.



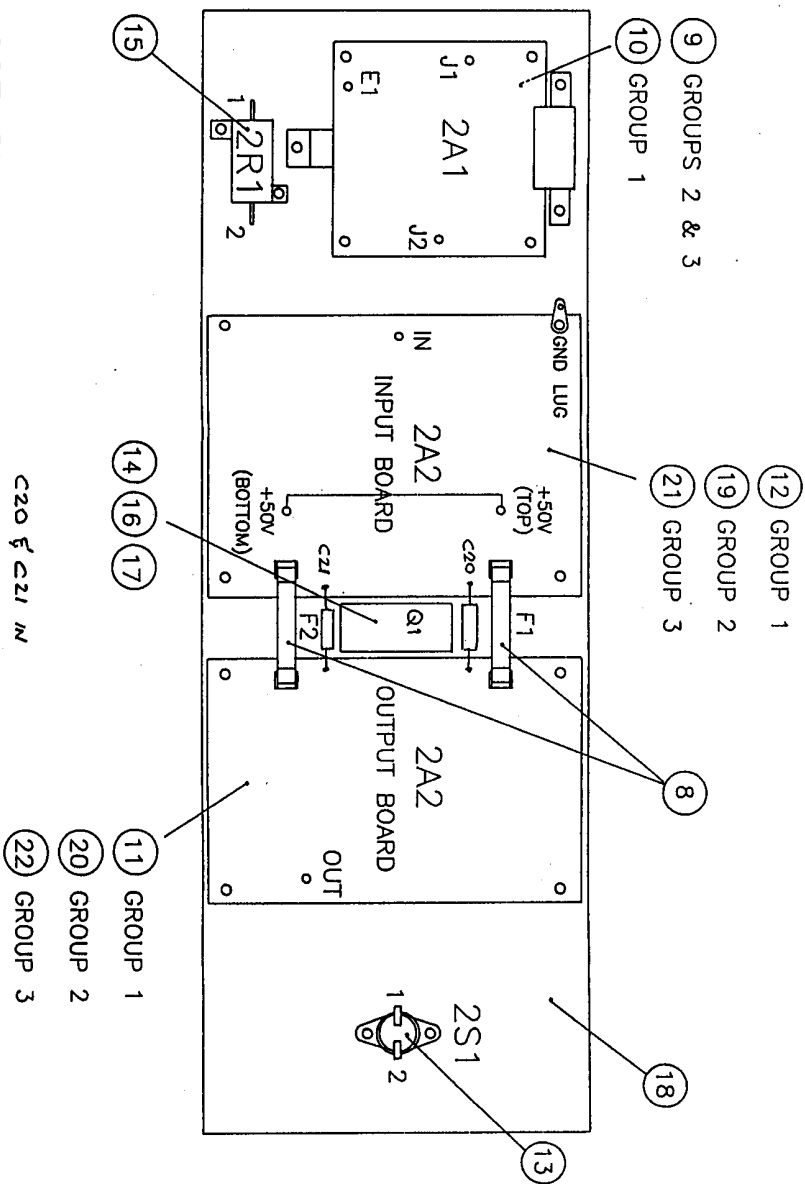
GROUP

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

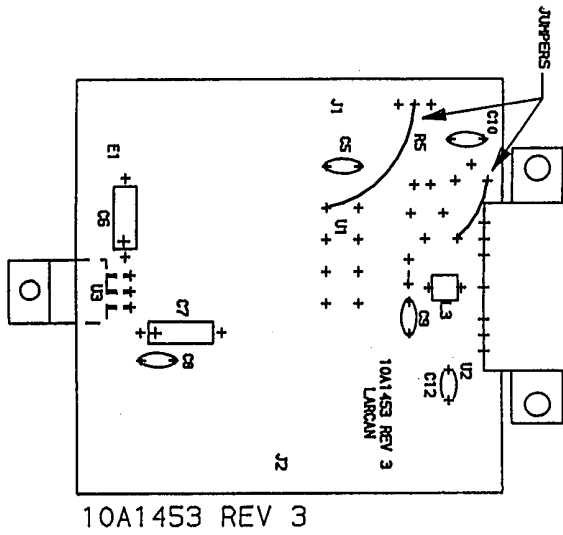
RF DIRECTIONAL COUPLER ASSEMBLIES,  
Box Asm. 20B534 sht 4 rev 0,  
Low Band Board Asm. 10A1942 sht 1 rev 0,  
High Band Board Asm. 10A1943 sht 1 rev 0,

# ASSEMBLY GROUPS 1 TO 3

C20 & C21 IN  
LOW BAND ONLY.



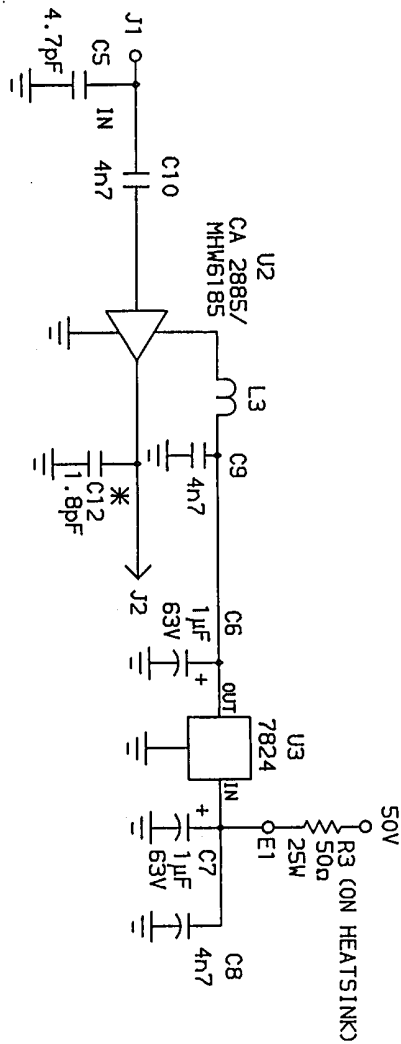




NOTE

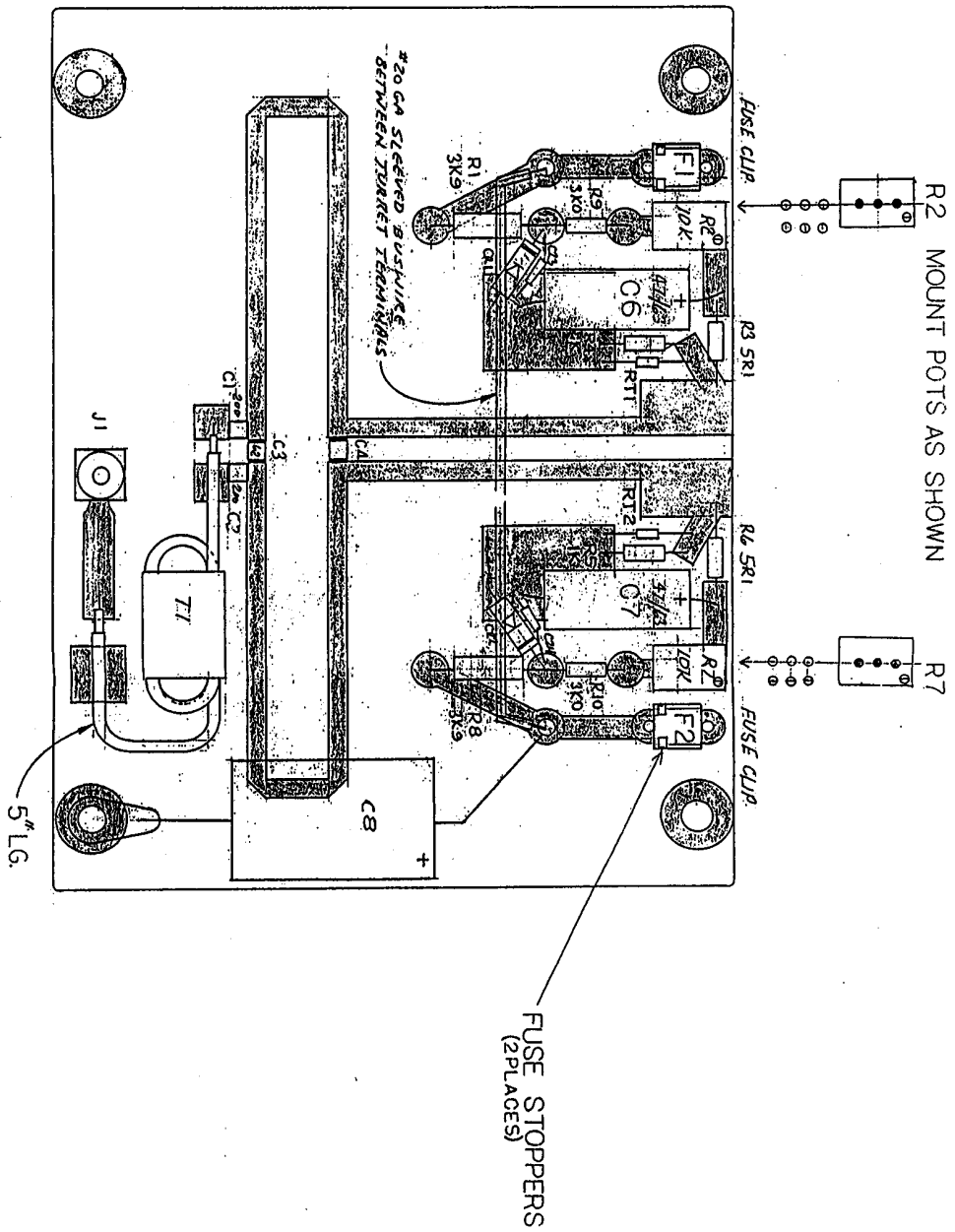
U2 AND U3 TO BE SOLDERED ON  
AT LATER ASSEMBLY  
OR USE ASSEMBLY J16.

ASSEMBLY 65 LO BD

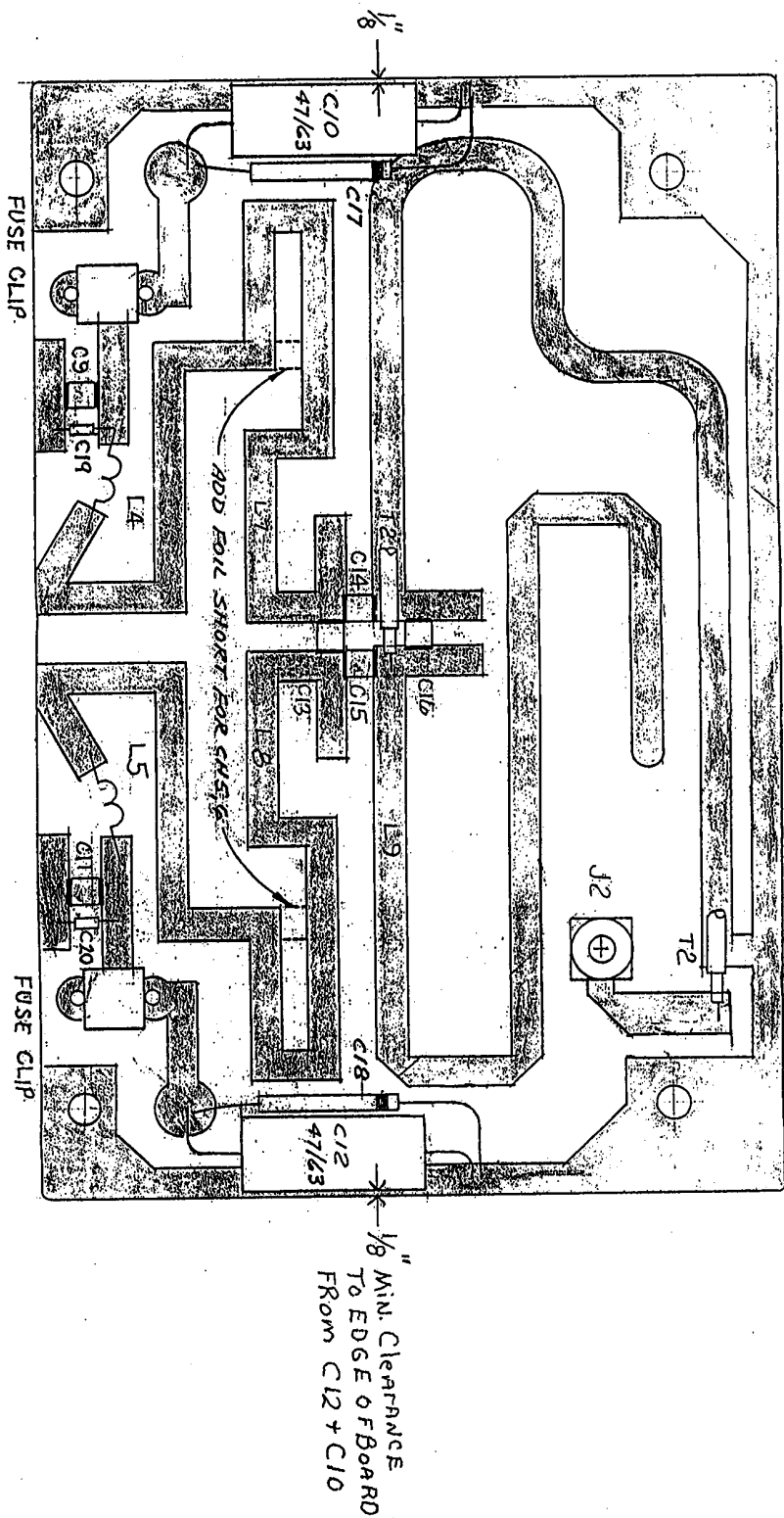


\* C12 ONLY USED WHEN U2 IS CA2885.

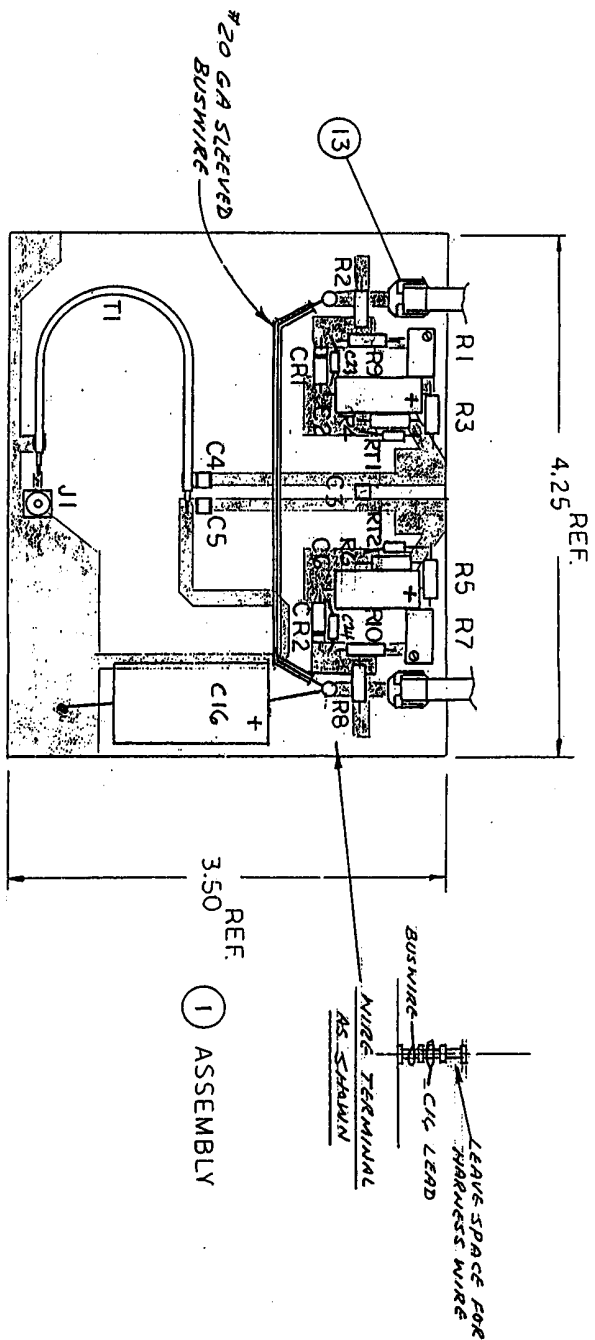
LOW BAND PREAMPLIFIER ASSEMBLY & SCHEMATIC  
Ref Dwg: Assembly 10A1453G5,  
Schematic 10A1453 sht 11 rev 4,



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



| 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  |



- NOTES:
1. USE ROUND CYLINDER JIG FOR MAKING T1.
  2. USE 250W INPUT JIG WHEN MOUNTING C3.

