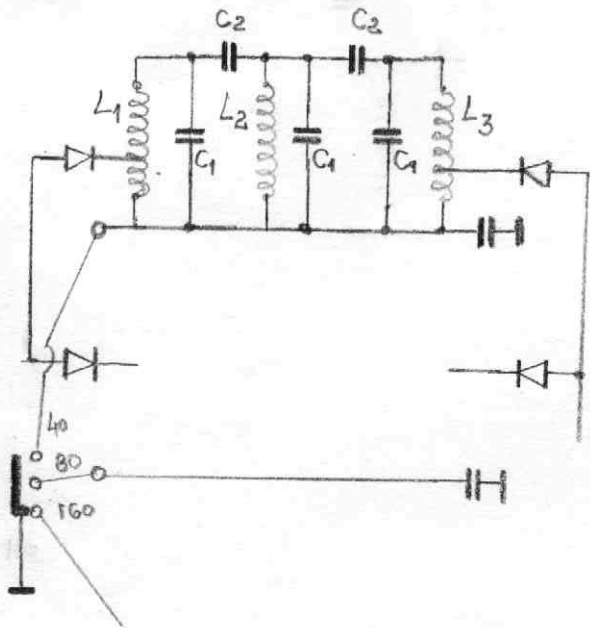
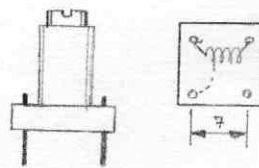


BANDPASS FILTERS (BPS)



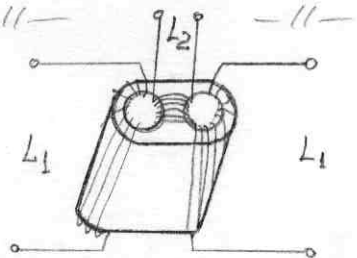
BAND	C1 (pF)	C2 (pF)	L1-L3 (turns)	L2 (turns)
40m	68	12	45+28.5	33
80m	100	33	6+39	45
160m	150	68	10+55	65

All coils in PVC core + variable ferrite

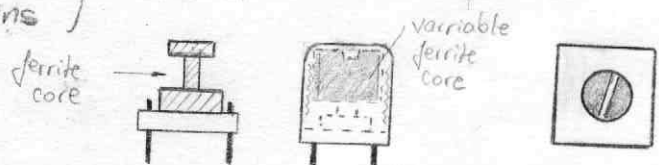
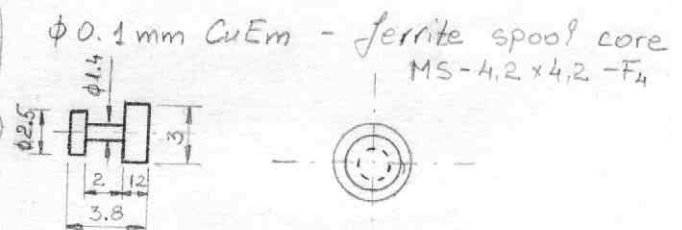


TR - 10 turns bifilar, ϕ 0.3 CuEm. T-9x6x3-F₄ ferrite toroid core
 TR₁ - 10 turns trifilar — || —

TR₂ - L₁ - 12 turns ϕ 0.25 mm CuEm
 L₂ - 24:30 turns ϕ 0.12 mm CuEm



- KF₁ - L₁ = 12+68 turns, L₂ = 12 turns
- KF₂ - L₁ = 40+40 turns, L₂ = 12 turns
- KF₃ - L₁ = 80 turns, L₂ = 12 turns
- KF₄ - 80 turns
- KF₅ - L₁ = 80 turns, L₂ = 30 turns
- KF₆ - L₁ = 80 turns, L₂ = 12+12 turns



- TRANSISTORS -

T₁ = 2N2219

T₂ = BFW16

T₃-T₄-T₆-T₇ = BF245C

T₅ = BC170B

T₈-T₉-T₁₀ = BF198

- procure from an old AM radio
 (intermediate frequency)