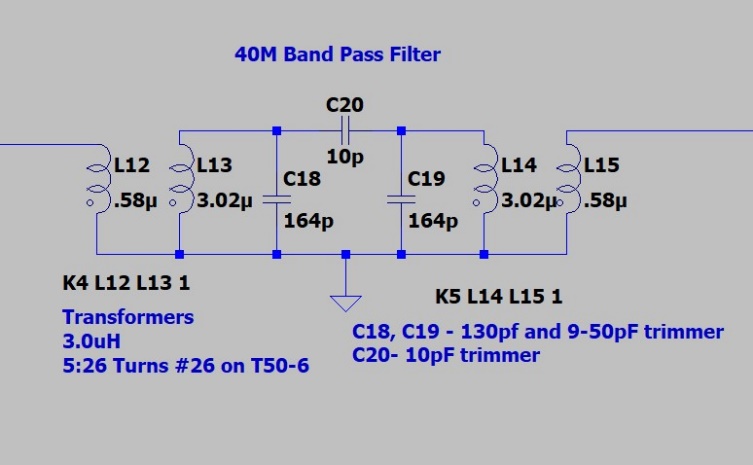
TJ DCR Project -Bandpass filter



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| --- | --- |
| 1. Wind the toroids – Magnet wire - 26 turns of wire, leave about am inch, each time through the core is 1 turn. 2. Hookup wire – 5 turns 3. Scrape or burn the insulation off the magnet wire and tin the leads 4. You can solder the ground leads together at this point |  |
| 1. Check the inductance – squeeze or spread the turns to get close to 3.02uH |  |
| 1. Layout the board. Just 4 pads 2. Solder in the trimmers |  |
| 1. Carefully bend the feet of the trimmers |  |
| 1. Solder in the fixed capacitors |  |
| 1. Solder in the transformers – ground leads first |  |
| 1. Hookup wire goes to the input and output pads, magnet wire goes to the pad with the capacitors |  |
| 1. Completed filter |  |
| 1. Test and trim using the Nano VNA |  |
| 1. Done! |  |