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
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| 1. Check the inductance – squeeze or spread the turns to get close to 3.02uH
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| 1. Layout the board. Just 4 pads
2. Solder in the trimmers
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| 1. Carefully bend the feet of the trimmers
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| 1. Solder in the fixed capacitors
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| 1. Solder in the transformers – ground leads first
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| 1. Hookup wire goes to the input and output pads, magnet wire goes to the pad with the capacitors
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| 1. Completed filter
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| 1. Test and trim using the Nano VNA
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| 1. Done!
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