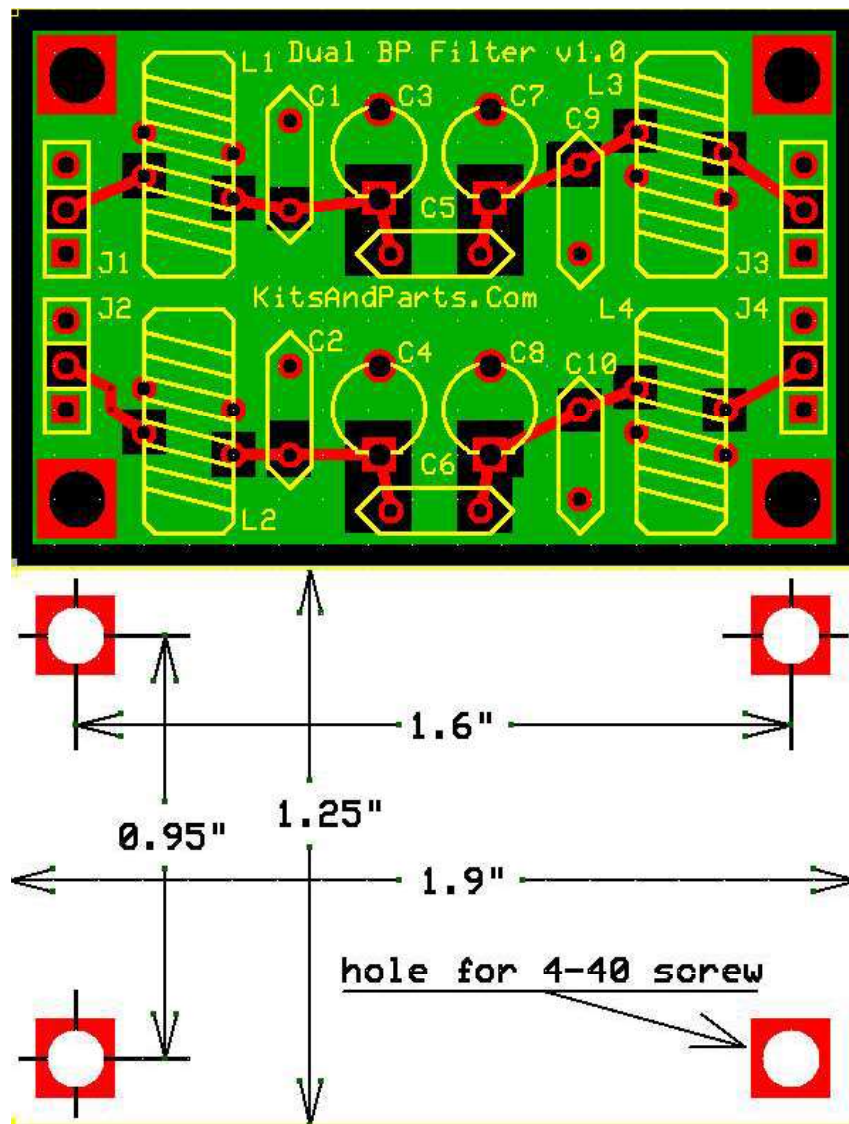


Universal Dual BPF		
Kits And Parts Dot Com		
by W8DIZ	Rev 1.0	07 Mar 2008

Band	C1,2,9,10	C5,6	L1,2,3,4	T50-x
160	470p	12p	13.3uH	(<-1) 35T:3T 25":6"
80	270p	6p8	5.8uH	(<-2) 33T:3T 23":6"
40	100p	3p	3.7uH	(<-6) 29T:3T 21":6"
30	68p	2p2	2.5uH	(<-6) 24T:3T 18":6"
20	56p	1p5	1.6uH	(<-6) 18T:2T 14":4"
17	43p	1p	.97uH	(<-6) 16T:2T 13":4"
15	33p	1p	.87uH	(<-10) 17T:2T 14":4"
12	22p	1p	.68uH	(<-10) 15T:2T 12":4"
10	15p	1p	.59uH	(<-10) 14T:2T 12":4"

C3,4,7,8 are 40 pF for most bands and 70pF for 80 & 160



Instructions for one band:

For 30 meters, the 2.2 pF cap may be replaced with a 3 pF cap

1. Install C3, and C7.

- a. Install trimmer capacitors into their correct places per the above PCB layout.
Install with flat side of trimmer into square hole pad.

2. Install L1 and L3.

- a. Cut the spool of Copper Colored Magnet wire into 4 pieces per the above table.
You should end up with 2 long pieces and 2 pieces that are 4 or 6 inches long.
- b. Wind L1 toroid in a clockwise direction - [Toroid Winding Details Here](#)
- c. Prepare the toroid wires for soldering - [Magnet Wire Soldering Details Here](#)
This magnet wire uses 3 layers of Epoxy insulation and is NOT heat stripable.
- d. Install and solder toroid inductor L1.

3. Install L3 just like L1.