BCI Filter Assembly KotMC
W5USJ Drawing 16 Mar 2012

Assembly:
Solder ground (common) and jumper buss wires in place
Solder RCA connectors to end pads as shown*
Solder capacitors in place
Solder toroids or chokes in place
Connect to input of transceiver or receiver
*Note: If desired, connect directly to in/out with coax, e.g., RG-174
Do Not use audio cable.

C1 = C3
L1 = L2
L1, L2 = 1:66 uH 20 turns #24 on T37-2
C1, C3 = 820 pF (ceramic 821)
C2 = 470 pF (ceramic 471)

Strip and tin leads on toroids then trim and form to fit
Recommend good quality capacitors, e.g., Kemet C0G 5% ceramics.
Good results can be obtained using 1.5 or 1.8 uH 5% chokes.