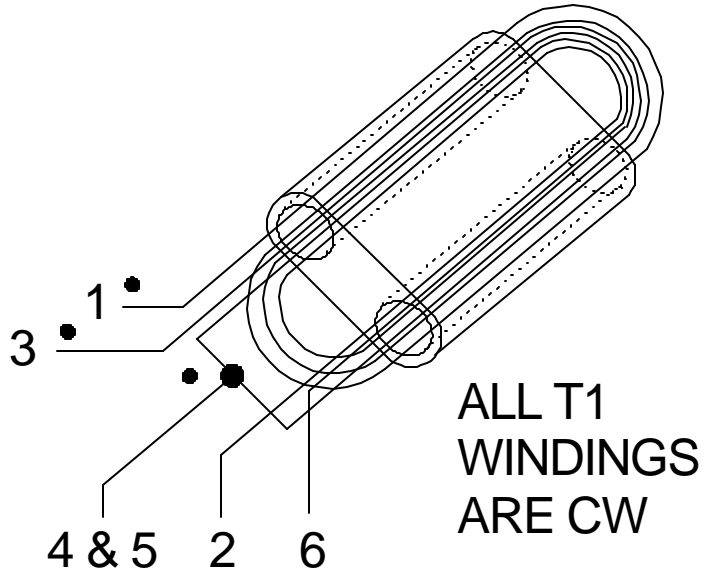
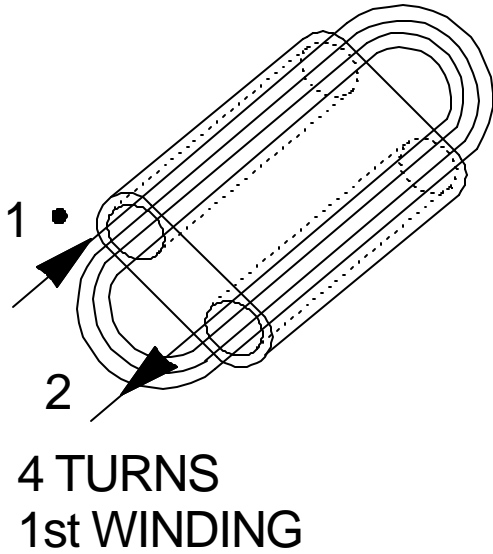
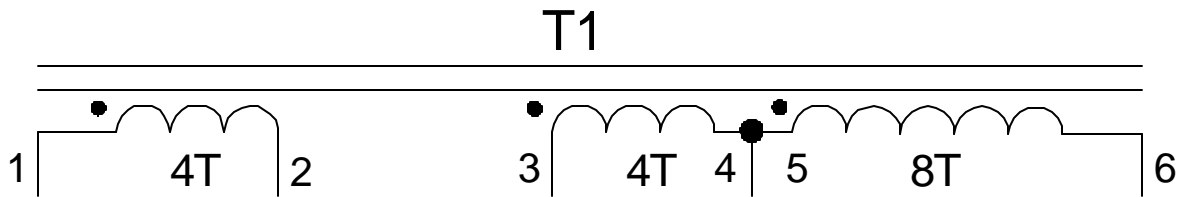


NOTES:

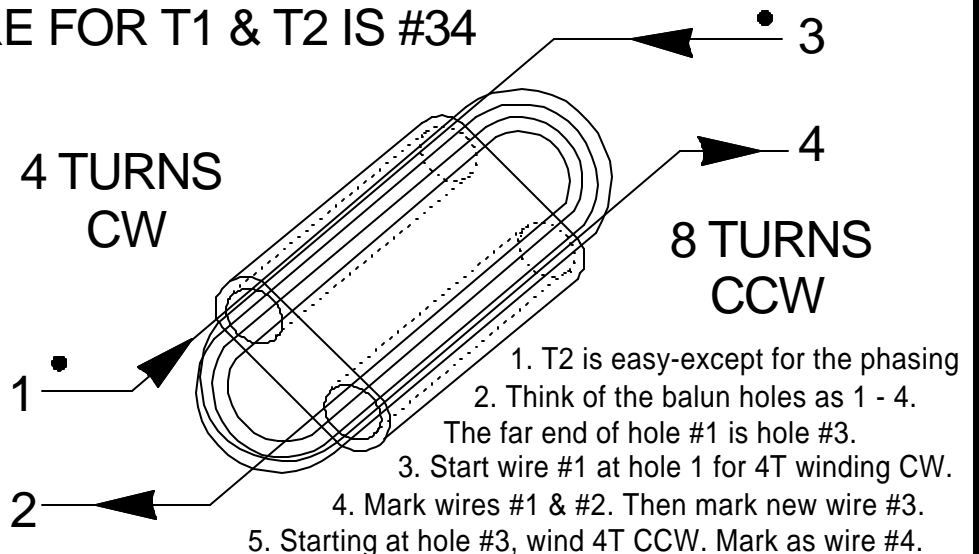
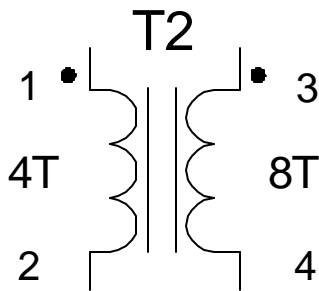
Q1: NE68133 or NE68130
 T1: 4:4:8 T #34 on Fair-Rite 2843-002-402
 T2: 4:8 T #34 on Fair-Rite 2843-002-402
 Original circuit design by Dr. Chris Trask:
"AUGMENTED LOSSLESS FEEDBACK AMPLIFIER".
 Protected by US Patents: 6,172,563 and 6,271,721.
 Licensing for commercial purposes is available.

TITLE: A WideBand High OIP - Low Noise RF Amplifier		PAGE NR: 1 of 2
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E. T. TANTON		N4XY



1. Orient core as shown above. All windings in T1 are CW. 1 pass through BOTH holes = 1 TURN. Wind 4T
2. Mark wires #1 & #2 as shown above. Mark wire #3 and start as with 1st winding. Wind 4T
3. Bring end (wire # 4) out ~ 1 inch & place marker for "4 & 5". Without cutting wire, continue for 8T
4. Mark wire #6. Leave about an inch on all wires-for tinning later. Do not lose markers!!!
5. Note that wires #4 and #5 are joined, and will need to be tinned for connection

ALL WIRE FOR T1 & T2 IS #34



NOTES:

1. T1 windings are all SAME PHASE
2. T2 windings are out of phase
3. Windings as shown are not scaled-so pay no attention to numbers of turns as drawn-only the listed turns matter
4. Wire entrances and exits ARE important. All transformer wires are #34
5. Cores are Fair-Rite 2843-002-402

TITLE: A WideBand High OIP - Low Noise RF Amplifier		PAGE NR: 2 of 2
FILENAME: Trask_RF_Amp_p2		CONNECTIVE COUNT: n/a
SECTION: Projects\RF_Bandpass_Filter		VERSION: 1.0
DATE: 2003 09 01		
E. T. TANTON		N4XY