

# Joplin Amateur Radio Club

## 40 METER DIRECT CONVERSION RECEIVER TOROID INDUCTOR WIRING AND LAYOUT

V1.01 27 NOVEMBER 2016

### General Instructions:

Coil winding can start at either end, but always wind equally spaced turns in the same direction around the bobbin.

Count using only complete turns around the bobbin.

### L102

T68-7 CORE  
(WHITE)

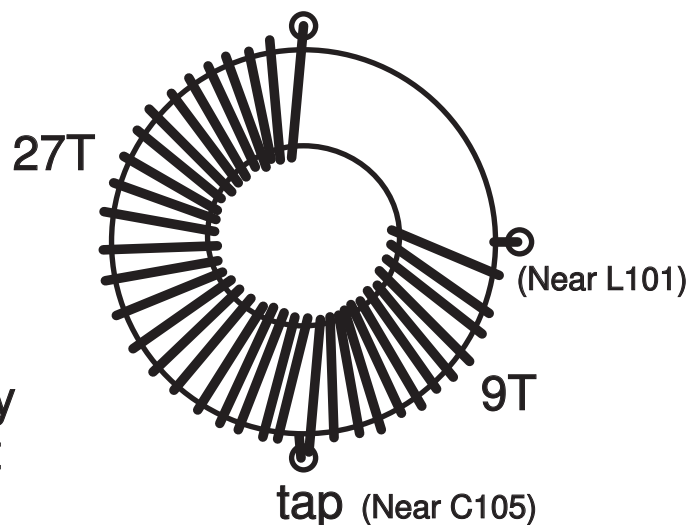
36 Turns #26 AWG

Tap at 9 Turns

At the tap:

Extend a 3" wire loop away  
from the bobbin, then twist  
to form a single strand.

Continue winding **in same direction**



### L1 & L2

T50-2 CORE  
(RED)

18 Turns #26 AWG



For all coils: Apply Q-Dope to each coil and set aside to dry.

When mounting to the circuit board, glue in place to prevent movement (this will prevent microphonics due to vibration).