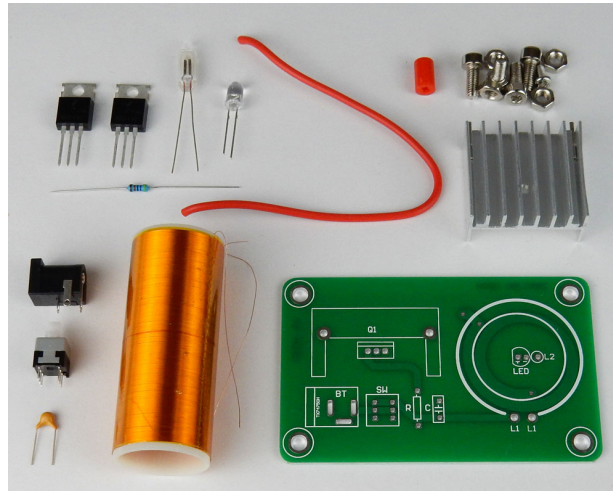


TCL-35 INSTRUCTIONS

PARTS LIST

- 1 x circuit board
- 1 x 47K ohm resistor
- 1 x 104 monolithic capacitor
- 1 x BD243C transistor
- 1 x heatsink
- 1 x 2.1mm dc power jack
- 1 x pushbutton
- 1 x red switch cap
- 1 x LED
- 1 x copper pillar
- 1 x hook-up wire
- 1 x screw for heatsink
- 4 x hex head bolts
- 4 x nuts
- 1 x neon lamp



***Requires at least 12 Vdc 400 ma power supply,
we suggest our CAT# DCTX-1241.***

INSTRUCTIONS

STEP 1) Solder the 47K resistor (R) into board.

STEP 2) Solder the 104 monolithic capacitor (C) into board.

STEP 3) Attach the transistor, BD2432C, to the heatsink using a screw and nut. Fasten securely, so that the heat from the transistor will transfer to the heatsink. If available, spread a thin layer of heatsink compound or thermal grease between the transistor and heatsink before fastening. Insert the heatsink and transistor into the board and solder in place.

STEP 4) Solder 2.1mm power jack (BT) into board.

STEP 5) Solder pushbutton (SW) into board. Install red switch cap on pushbutton.

STEP 6) Locate the long lead of the LED. This is the positive (+) side of the LED. Insert and solder (LED) to board. Be sure to pay attention to the polarity marked on the board.