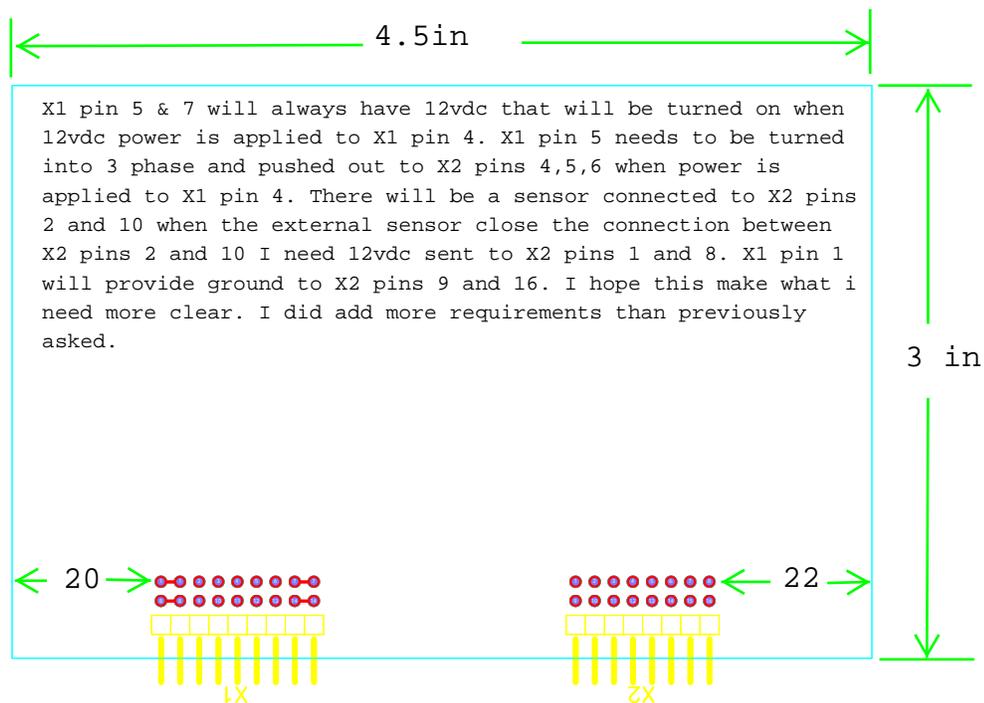


Green Lines are dimension line all are in MM unless specified.

Connectors X1 and X2 both are Molex 90degree head connectors that have a pitch of 3.5mm.

Connector X1 is the input X2 is the output.

Below is the size i need the board to be.



X1 Pinout

- 1 Ground
- 2
- 3
- 4 Switched power to turn on circuit
- 5 Battery Feed 15A
- 6
- 7 Heater Supply 20A
- 8
- 9
- 10
- 11
- 12
- 13
- 14

X2 Pinout

- 1 Tank Heater Supply
- 2 Temperature Sensor Signal
- 3
- 4 Pump Phase A
- 5 Pump Phase B
- 6 Pump Phase C
- 7
- 8 Line Heater Supply
- 9 Line Heater Ground
- 10 Temperature Sensor Return
- 11
- 12
- 13
- 14
- 15
- 16 Tank Heater Ground