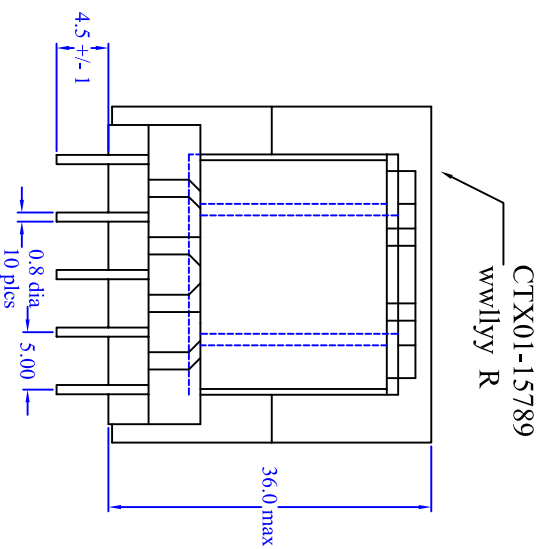
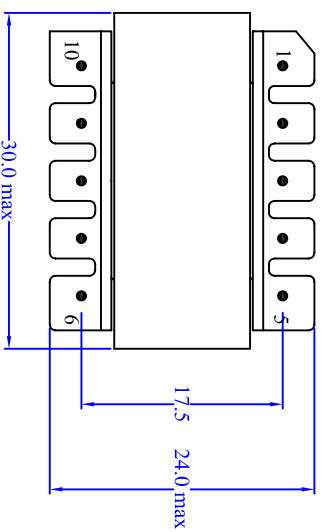


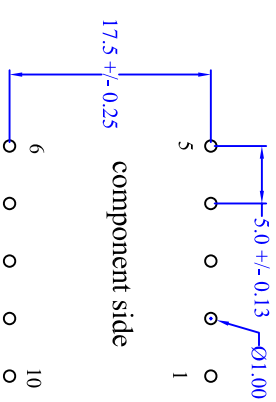
## FRONT VIEW



## BOTTOM VIEW



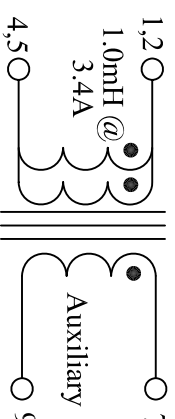
## RECOMMENDED PCB LAYOUT



## ELECTRICAL CHARACTERISTICS

OCL @ 300kHz, 0.10Vrms & 0.0Adc. Pins (1,2 - 4,5), 1.06 - 1.75mH  
 OCL @ 300kHz, 0.10Vrms & 3.20Adc. Pins (1,2 - 4,5), 1.0mH min  
 DCR @ 20°C pins (1,2 - 4,5), 0.510 Ohm max.  
 DCR @ 20°C pins (7 - 9), 0.162 Ohm max.  
 Turns ratio; pins (1,2 - 4,5) : (7 - 9), 1:0.06 +/- 5%  
 Hipot @ 1500Vdc for 1 second. Pins (1 & 2) to pin 7.

## SCHEMATIC



### Notes:

- 1) All Dimensions are in millimeters unless otherwise specified.
- 2) Tolerances are 0.x +/- 0.25; 0.xx +/- 0.13 unless stated otherwise.
- 3) wwilly = (Date Code) R= (Revision Level)
- 4) PCB tolerances are +/- 0.1 unless stated otherwise.
- 5) Tie 1 to 2 and tie 4 to 5 on the PCB.

## COIL TRONICS, INCORPORATED

3601 Quantum Blvd, Boynton Beach, FL 33426

Inductor PFC with Auxiliary winding

1.0mH @ 3.4A (rated)  
 ER28L 10 pin vertical THT

Size Drawing Number: CTX01-15789

A Revision Level: C Sheet 3 of 4