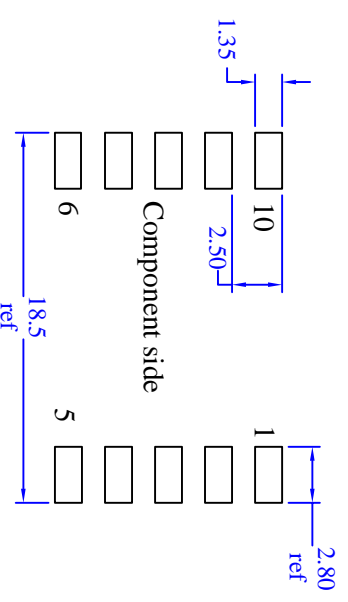
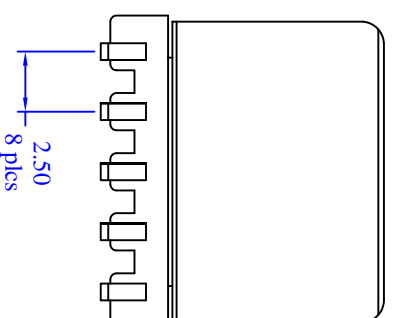
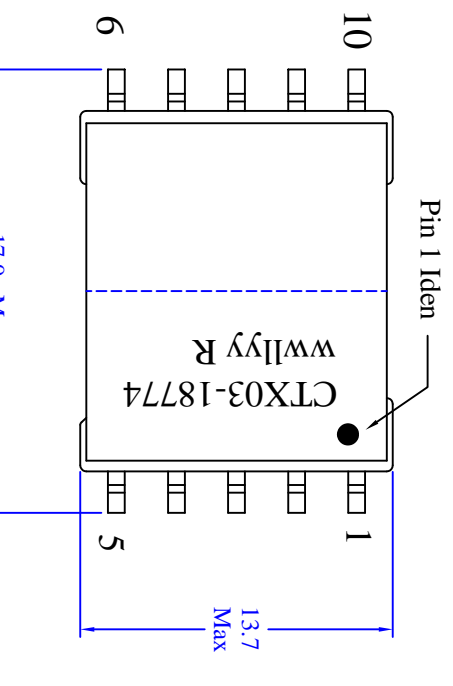


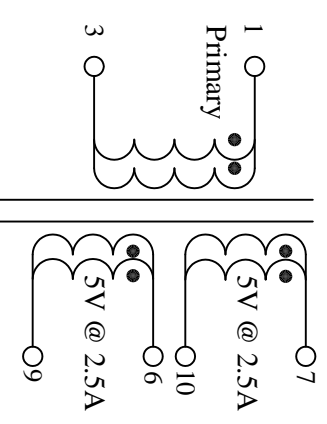
## RECOMMENDED PCB LAYOUT



## ELECTRICAL CHARACTERISTICS

1. OCL @ 100 kHz, 0.10Vrms & 0.0Aadc. Pins (1 - 3): 108 - 135 uH
2. SCL @ 600 KHz, 0.10 Vac, 0 Aadc pins (1 - 3) with (10 & 7) & (9 & 6) short; 1.0 uH max
3. DCR @ 20°C pins (1 - 3): 75.0 mOs max.
4. DCR @ 20°C pins (6,7 - 9,10): 10.0 mOs max.
5. Hpot @ 1650Vac for 1 sec.: pin 1 to pins (6&7), 1mA leakage current.
6. Hpot @ 500Vac for 1 sec.: pins (1, 6 & 7) to the core, 1mA leakage current.
7. Turns Ratio & Polarity. pins (1 - 3):(6,7 - 9,10) = 1:0.273.

## SCHEMATIC



### Notes:

- 1) All Dimensions are in millimeters unless otherwise specified.
- 2) Tolerances are +/- .25 unless stated otherwise.
- 3) willy = (Date Code) R = (Revision Level) ● — Dot Identified Pin #1
- 4) Tie pin 10 to pin 9 and pin 6 to pins on the PCB, the 5A out is on pins (10, 9 to 7,6).
- 5) RoHS Compliant.

Cooper Bussmann	
1225 Broken Sound Parkway NW, Suite F, Boca Raton, FL 33487	
Transformer, Forward Converter	
30 - 60 V Vin: 5 V @ 5 A	
600KHz, 120 uH @ 1.5A Peak	
EP13 10 pin G W SMT Horiz	
Size	Drawing Number: CTX03-18774-R
A	Revision Level: X2
Sheet 3 of 6	