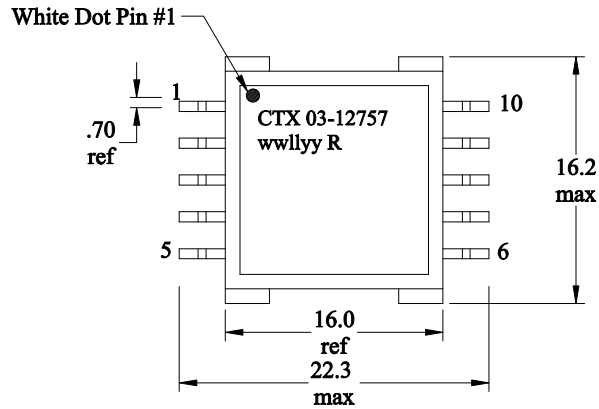
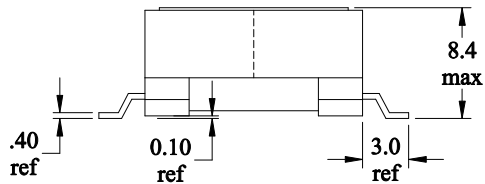


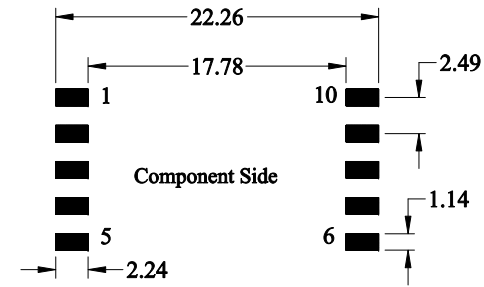
## TOP VIEW



## FRONT VIEW



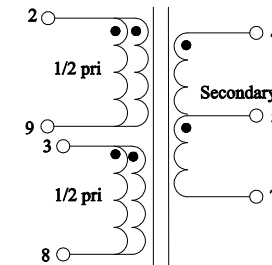
## RECOMMENDED PCB LAYOUT



## ELECTRICAL CHARACTERISTICS

OCL @ 50KHZ, 0.25Vrms & .00A dc. Pins (2,3 - 8,9). 9.2 - 12.4 uH  
 OCL @ 50KHZ, 0.25Vrms & 4.0A dc; pins (2,3 - 8,9). 8.6 uH min.  
 DCR @ 20°C pins (2 - 9): 0.055 Ohms max.  
 DCR @ 20°C pins (3 - 8): 0.055 Ohm max.  
 DCR @ 20°C pins (4 - 7): 0.236 Ohm max.  
 Hipot: @ 500 ac for 1 second, pins (2 & 3) to pin 5.  
 Turns ratio & phasing: Pins (2,3 - 8,9):(4 - 7). 1:2.  
 Interwinding capacitance @ 1KHZ; pins (2,3,8,9) short to pins (4 & 7) short.  
 60.0 pf maximum

## SCHEMATIC



### Notes:

- 1) All dimensions are in millimeters unless otherwise specified.
  - 2) Tolerances are +/-0.25mm unless stated otherwise.
  - 3) All soldering surfaces to be coplanar within 0.102 millimeter.
  - 4) The cores are glued together then wrapped with 2 layers of epoxy tape.
  - 5) wwllyy = (Date Code) R= (Revision Level)
  - 6) PCB tolerances are +/- 0.1 unless stated otherwise.
  - 7) RoHS compliant.
  - 8) Tie pin 2 to pin 3 and pin 8 to pin 9 on the PCB
- This document subject to change without notice.

### Cooper Bussmann

1225 Broken Sound Parkway NW, Suite F, Boca Raton, FL 33487

Inductor, Continuous, Buck/Boost  
5.7 - 30Vdc (input): 5Vdc @ 3.0A & 5Vdc @ 0.07A dc

300kHz, 10uH @ 0A  
EFD15, Hor, SMT, 10Pad Gull wing

Size Drawing Number: CTX03-12757-R

A Revision Level: E