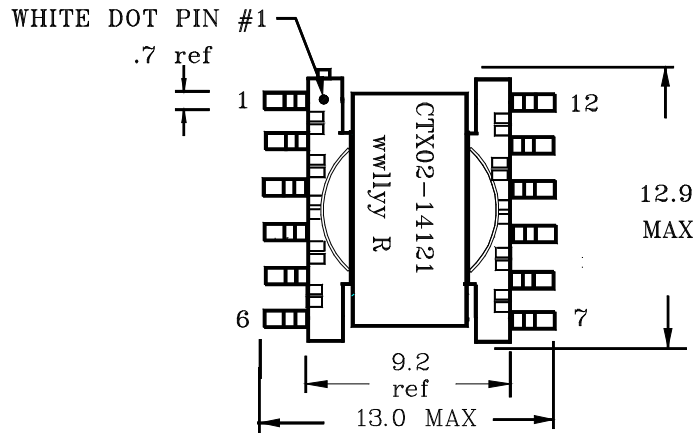
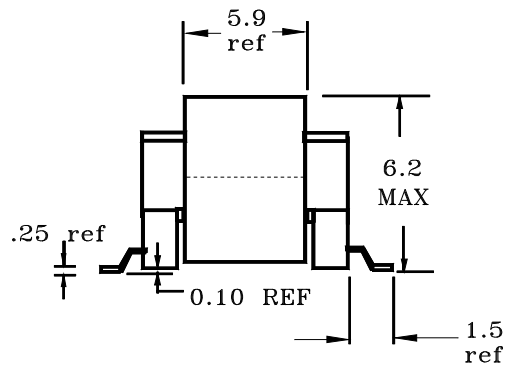


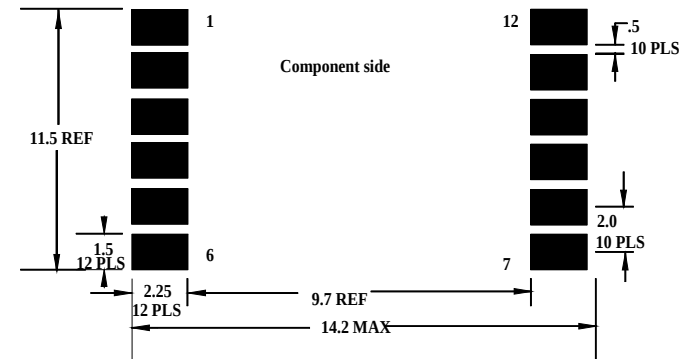
TOP VIEW



FRONT VIEW



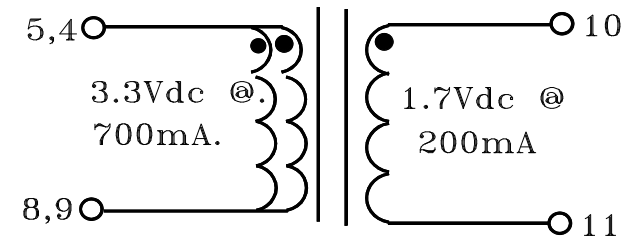
RECOMMENDED PCB PAD LAYOUT



ELECTRICAL CHARACTERISTICS

1. OCL @ 100KHz, 0.10Vrms & 0.0Adc; pins (5,4 - 8,9). 13.50 - 18.30uH
2. OCL @ 100KHz, 0.10Vrms & 0.96Adc; pins (5,4 - 8,9). 12.20uH min.
3. D C R @ 20°C pins (5,4 - 8,9). 0.081 Ω max
4. D C R @ 20°C pins (10 - 11). 0.142 Ω max.
5. Turns ratio; pins (5,4 - 8,9) : (10 - 11). 1.0 : 0.56 +/- 3%

SCHEMATIC



Notes:

1. All dimensions are in millimeters
2. Tolerances are +/- 0.25 mm unless stated otherwise.
3. All soldering surfaces must be coplanar within 0.004 inch.
4. Core to be wrapped with 2 layers of 3M20 x .218" tape.
5. wwlllyy= Date Code R= Revision Level
6. PCB tolerances are +/- .1mm unless stated otherwise.

COILTRONICS, INCORPORATED

6000 Park of Commerce Blvd, Boca Raton, FL 33487

Inductor, buck with over winding, continuous mode
11 - 15Vdc(input):3.3Vdc @ 0.50A & 5.0Vdc @ 0.20A
500KHz, 16uH

ER11/5, Ver, SMT, 12 pad, gull wing.

SIZE Drawing Number: **CTX02-14121**

A Revision Level: B Sheet 3 of 5