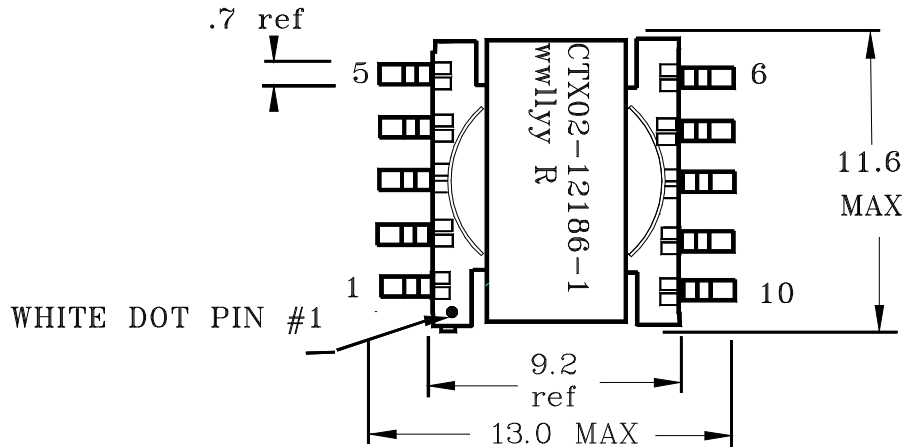
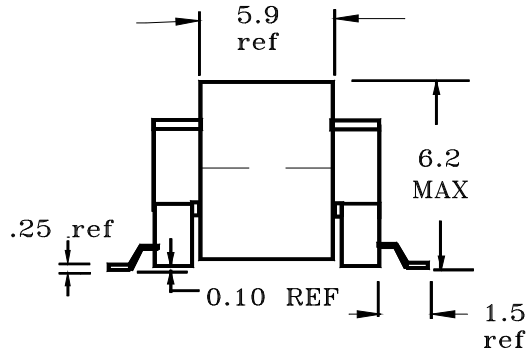


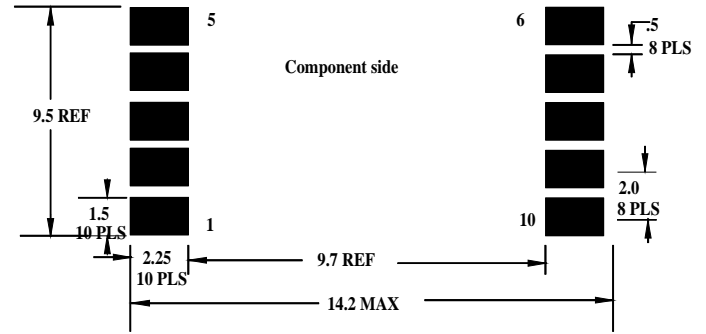
**TOP VIEW**



**FRONT VIEW**



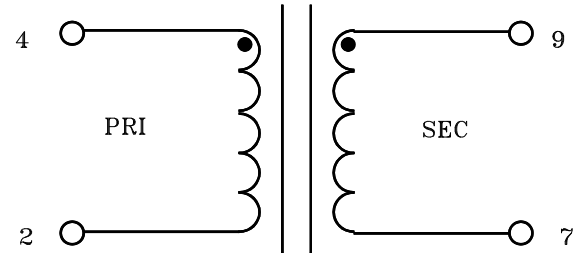
**RECOMMENDED PCB PAD LAYOUT**



**ELECTRICAL CHARACTERISTICS**

- OCL @ 100KHz 0.10Vrms & 0.0Adc. Pins (4-2). 9.45 uH min.
- OCL @ 100KHz 0.10Vrms & 0.0Adc. Pins (9-7). 10.5 mH min.
- DCR @ 20°C, pins (4-2). 0.065 Ω maximum
- DCR @ 20°C, pins (9-7). 11.0 Ω maximum
- Leakage Inductance @ 1kHz @0.10 Vac (4-2) =250 nH Max (short 7-9)
- Turns Ratio: (2-4) : (7-9) = 1: 33.33
- Hipot @ 500Vdc for 1 second, winding to winding and windings to core.

**SCHEMATIC**



**Notes:**

1. All dimensions are in millimeters
2. Tolerances are +/- 0.25 mm unless otherwise stated.
3. All soldering surfaces must be coplanar within 0.1016 millimeters.
4. The core is wrapped with 2 layers of epoxy tape.
5. wwlllyy= Date Code, R= Revision Level
6. PCB tolerances are +/- .1 mm unless otherwise stated.
7. **This part is designed to meet operation insulation, and does not conform to any safety agency.**

TEMPLATE NAME: STG1-10p.dot Rev F

**COILTRONICS, INCORPORATED**

6000 Park of Commerce Blvd, Boca Raton, FL 33487

Transformer, continuous mode flyback, 11.5uH

ER 11/5, 10 Pin Gull Wing, Vertical, SMT

SIZE Drawing Number: **CTX02-12186**

A Revision Level B Sheet 3 of 4