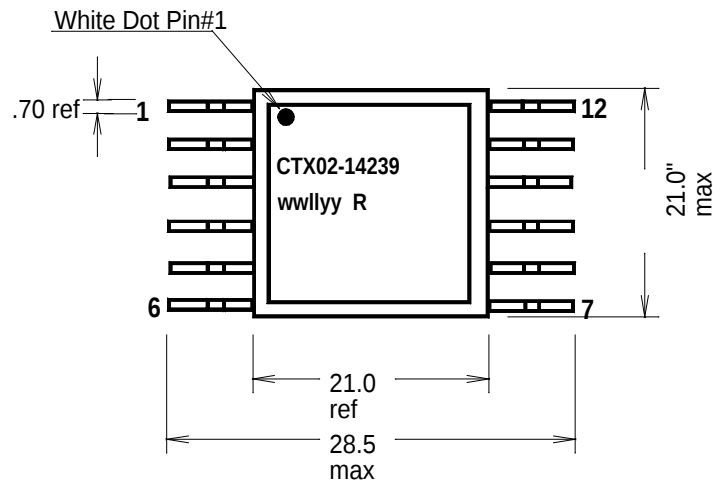
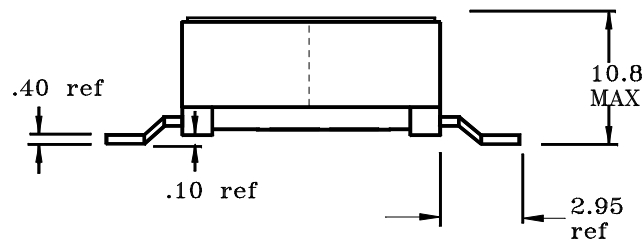


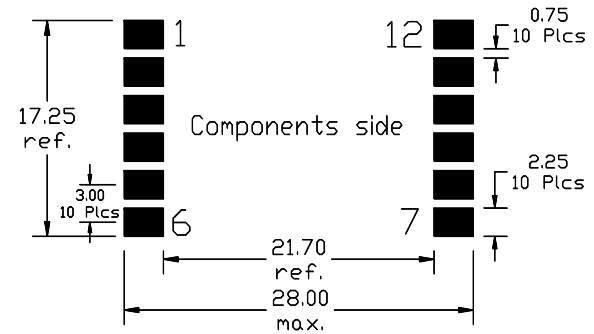
TOP VIEW



FRONT VIEW



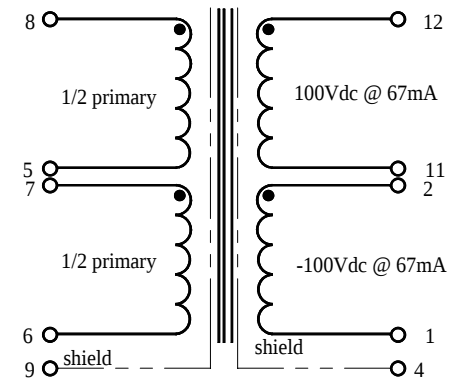
RECOMMENDED PCB PAD LAYOUT



ELECTRICAL CHARACTERISTICS

OCL @ 60KHz, 0.25Vrms & 0.0Adc; pins (8,7 - 5,6). 18.1 - 24.4uH
 OCL @ 60KHz, 0.25Vrms & 6.90Adc; pins (8,7 - 5,6). 17.0uH min
 DCR @ 20°C pins (8,7 - 5,6). 0.029Ω max
 DCR @ 20°C pins (12 - 11). 2.69Ω max
 DCR @ 20°C pins (2 - 1). 2.69Ω max
 Turns ratio. Pins (8,7 - 5,6) : (12 - 11) : (2 - 1). 1.0:4.0:4.0 +/- 2%
 Hipot @ 600Vdc for 1 second; pins 9,8 & 7 to 4, 2 & 11.

SCHEMATIC



Notes:

1. All dimensions are in millimeters
2. Tolerances are +/- 0.25 millimeters unless stated otherwise.
3. All soldering surfaces must be coplanar within 0.1524 millimeters
4. Core to be wrapped with 2 layers of epoxy tape.
5. wwlllyy= Date Code R= Revision Level
6. PCB tolerances are +/- .1mm unless stated otherwise.
7. Tie pin 8 to 7 and 5 to 6 on the PCB.

TEMPLATE NAME: STG5-12p.dot REV H

COILTRONICS, INCORPORATED

6000 Park of Commerce Blvd, Boca Raton, FL 33487

Transformer, continuous mode flyback

4.65 - 14Vdc: 100Vdc @ 67mA & -100Vdc @ 67mA

60kHz, 21uH @ 6.85Adc(peak)

EFD 20, 12 Pin Gull Wing, Horizontal, SMT

SIZE Drawing Number: CTX02-14239

A Revision Level: B Sheet: 3 of 4

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