

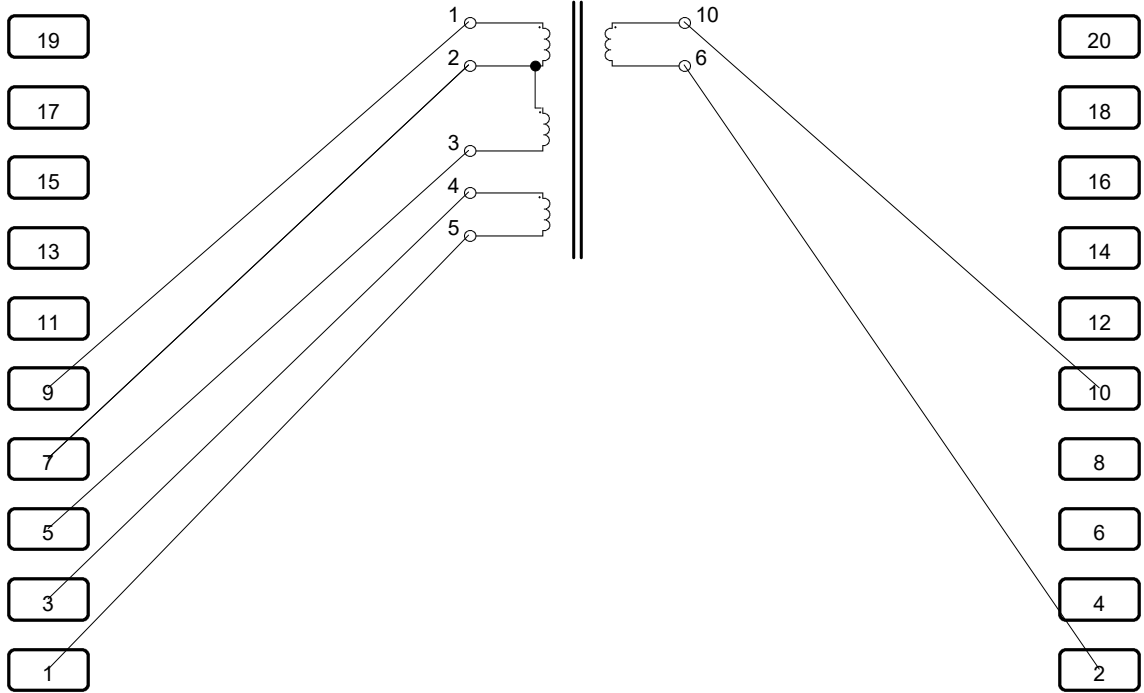
Part Number: CTX210607
Fixture ID: CTX210607-R

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Voltech AT Series Test Program Editor v3.47.30

Filename: coiltronics 210607.atp

Schematic



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Options

Results Printing: Off
 Operator Numbering: Off
 Batch Numbering: Off
 Serial Numbering: Off
 Send Results to Server: Off
 Send Retry Results to Server: Off
 Stop On Fail: Off
 Date and Time on Reports: Off
 AQL Number of Parts: Off
 AQL Percentage of Parts: Off
 Program runs between audits: 10
 External Source: None
 Display text on AT: Off

General Tests

1. Winding Resistance

Integration: Medium
 High Terminal: 1 Low Terminal: 3
 User Offset: 0.0000 Ohms
 Maximum Value: 135.00 mOhms

2. Winding Resistance

Integration: Medium
 High Terminal: 4 Low Terminal: 5
 User Offset: 0.0000 Ohms
 Maximum Value: 100.00 mOhms

3. Winding Resistance

Integration: Medium
 High Terminal: 10 Low Terminal: 6
 User Offset: 0.0000 Ohms
 Maximum Value: 175.00 Ohms

4. Inductance (Series Circuit)

Test Voltage: 100.00 mV
 Test Frequency: 20.000 kHz
 Integration: Medium
 High Terminal: 1 Low Terminal: 3
 User Offset: 0.0000 H
 Nominal Value: 27.000 uH
 Minimum Error: -10.00% Maximum Error: 10.00%

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5. Turns Ratio

Test Voltage: 100.00 mV
Test Frequency: 40.000 kHz
Integration: Long
Terminals:
 Energised High: 1 Energised Low: 3
 Primary High: 1 Primary Low: 2
 Secondary High: 2 Secondary Low: 3
User Offset: 0.0000
Turns Ratio: 1:1
Minimum Error: -05.00% Maximum Error: 05.00%
Polarity Test: Positive

6. Turns Ratio

Test Voltage: 100.00 mV
Test Frequency: 40.000 kHz
Integration: Medium
Terminals:
 Energised High: 1 Energised Low: 3
 Primary High: 1 Primary Low: 3
 Secondary High: 4 Secondary Low: 5
User Offset: 0.0000
Turns Ratio: 4.6:1
Minimum Error: -05.00% Maximum Error: 05.00%
Polarity Test: Positive

7. Turns Ratio

Test Voltage: 100.00 mV
Test Frequency: 10.000 kHz
Integration: Medium
Terminals:
 Energised High: 10 Energised Low: 6
 Primary High: 10 Primary Low: 6
 Secondary High: 1 Secondary Low: 3
User Offset: 0.0000
Turns Ratio: 86:1
Minimum Error: -05.00% Maximum Error: 05.00%
Polarity Test: Positive

8. Leakage Inductance

Test Voltage: 100.00 mV
Test Frequency: 40.000 kHz
Integration: Medium
Terminals:
 Primary High: 1 Primary Low: 3
 Secondary High: 10 Secondary Low: 6
Additional Low Terminals:

User Offset: 0.0000 H
Nominal Inductance: 6.5000 uH
Minimum Error: -05.00% Maximum Error: 05.00%
