

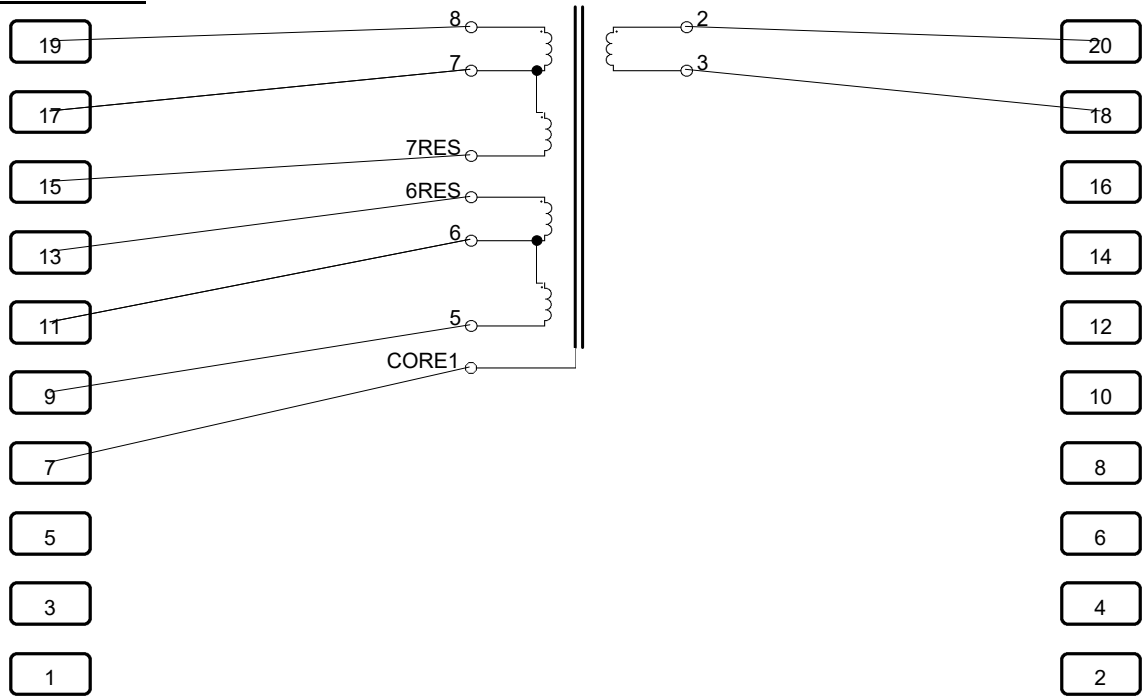
Part Number: TY-306P TEST
Fixture ID: TYP306P

24 Aug 2015 15:39
Page 1 of 4

Voltech AT Series Test Program Editor v3.47.30

Filename: TY-306P TEST.atp

Schematic



Part Number: TY-306P TEST Fixture ID: TYP306P	24 Aug 2015 15:39 Page 2 of 4
Voltech AT Series Test Program Editor v3.47.30	Filename: TY-306P TEST.atp

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: On
 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: 2 Low Terminal: 3
 User Offset: 0.0000 Ohms
 Maximum Value: 600.00 Ohms

2. Winding Resistance

Integration: Medium
 High Terminal: 8 Low Terminal: 7
 User Offset: 0.0000 Ohms
 Maximum Value: 300.00 Ohms

3. Winding Resistance

Integration: Medium
 High Terminal: 6 Low Terminal: 5
 User Offset: 0.0000 Ohms
 Maximum Value: 300.00 Ohms

4. Winding Resistance

Integration: Medium
 High Terminal: 7 Low Terminal: 6
 User Offset: 0.0000 Ohms
 Maximum Value: 600.00 Ohms

Part Number: TY-306P TEST
Fixture ID: TYP306P

24 Aug 2015 15:39
Page 3 of 4

Voltech AT Series Test Program Editor v3.47.30

Filename: TY-306P TEST.atp

5. Turns Ratio

Test Voltage: 1.0000 V
Test Frequency: 1.0000 kHz
Integration: Medium
Terminals:
 Energised High: 6
 Primary High: 6
 Secondary High: 3
User Offset: 0.0000
Turns Ratio: 1.2:1
Minimum Error: -03.00%
Polarity Test: Positive
Energised Low: 7
Primary Low: 7
Secondary Low: 2
Maximum Error: 03.00%

6. Turns Ratio

Test Voltage: 1.0000 V
Test Frequency: 1.0000 kHz
Integration: Medium
Terminals:
 Energised High: 6
 Primary High: 6
 Secondary High: 8
User Offset: 0.0000
Turns Ratio: 1.2:1
Minimum Error: -03.00%
Polarity Test: Positive
Energised Low: 5
Primary Low: 5
Secondary Low: 7
Maximum Error: 03.00%

7. Return Loss

Test Voltage: 5.0000 V
Test Frequency: 3.0000 kHz
Integration: Medium
High Terminal: 7
User Offset: 0.0000 dB
Real Impedance: 600.00 Ohms
Minimum Value: 10.000 dB
Low Terminal: 6
Imaginary Impedance: 0.0000 Ohms

8. Insertion Loss

Test Voltage: 5.0000 V
Test Frequency: 4.0000 kHz
Integration: Medium
High Input Terminal: 6RES
High Output Terminal: 3
Source Resistance: 600.00 Ohms
User Offset: 0.0000 dB
Maximum Value: 1.5000 dB
Low Input Terminal: 7RES
Low Output Terminal: 2
Load Resistance: 600.00 Ohms

9. Frequency Response

Test Voltage: 5.0000 V
Reference Frequency: 2.0000 kHz
Integration: Medium
High Input Terminal: 6RES
High Output Terminal: 3
Test Frequencies: 500.00Hz, 1.0000kHz, 2.0000kHz, 3.0000kHz, 4.0000kHz
Lower Limit: -500.00 mdB
User Offset: 0.0000 dB
Low Input Terminal: 7RES
Low Output Terminal: 2
Upper Limit: 500.00 mdB

Part Number: TY-306P TEST
Fixture ID: TYP306P

24 Aug 2015 15:39
Page 4 of 4

Voltech AT Series Test Program Editor v3.47.30

Filename: TY-306P TEST.atp

10. Longitudinal Balance

Test Voltage: 5.0000 V
Test Frequency: 200.00 Hz
Integration: Medium
High Input Terminal: 6RES Low Input Terminal: 7RES
Common Input Terminal: CORE1
High Output Terminal: 3 Low Output Terminal: 2
User Offset: 0.0000 dB
Minimum Value: 60.000 dB

11. Longitudinal Balance

Test Voltage: 5.0000 V
Test Frequency: 1.0000 kHz
Integration: Medium
High Input Terminal: 6RES Low Input Terminal: 7RES
Common Input Terminal: CORE1
High Output Terminal: 3 Low Output Terminal: 2
User Offset: 0.0000 dB
Minimum Value: 60.000 dB

12. Longitudinal Balance

Test Voltage: 5.0000 V
Test Frequency: 4.0000 kHz
Integration: Medium
High Input Terminal: 6RES Low Input Terminal: 7RES
Common Input Terminal: CORE1
High Output Terminal: 3 Low Output Terminal: 2
User Offset: 0.0000 dB
Minimum Value: 45.000 dB

13. High Potential AC

Test Voltage: 1.5000 kV
Test Frequency: 50.000 Hz
Ramp Up Time: 100.00 ms
Dwell Time: 1.0000 s
User Offset: 0.0000 A
Terminals:
 High Terminals: Low Terminals:
 2 3 8 7 7RES 6RES
 6 5 CORE1
Maximum Current: 10.000 mA