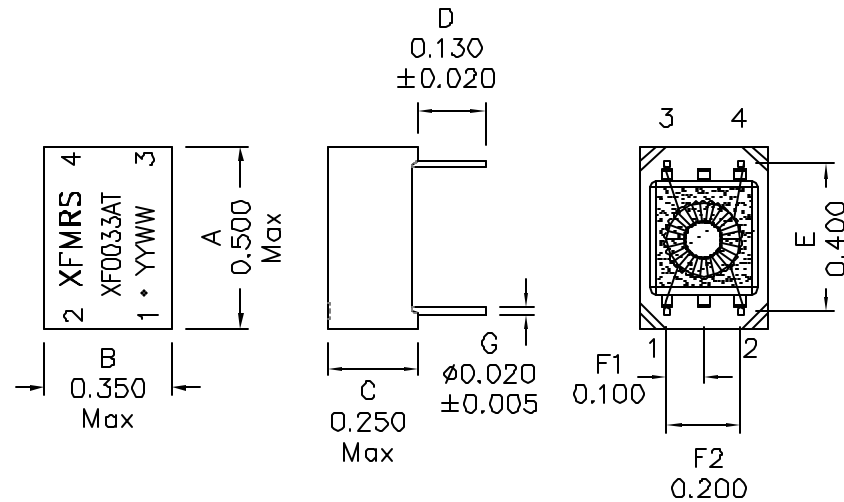


## 1. Dimensions:

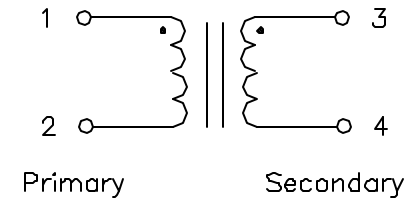


### Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from 0°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Middle both pin is removed.

Doc Rev: B/4

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-2 2.5mH±20% @100KHz, 50mV

Leakage L: Pins 1-2 0.5uH Max @100KHz, 50mV (short 3-4)

Q : 8 Min @10KHz 50mV

DCR: 0.8 Ohms Max (Each)

ET Constant: 20V/uS

Rise Time: 25nS Maximim

Bandwidth: 100KHz to 55MHz Typical

Return Loss: 20dB Typical, 300KHz – 10MHz

Turns Ratio: 1:1 ±3%

Isolation: 1500 Vrms (Pri/Sec)

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|                                                                                                        |                                 |          |           |
|--------------------------------------------------------------------------------------------------------|---------------------------------|----------|-----------|
| <b>XFMR5 Inc</b><br><a href="http://www.XFMR5.com">www.XFMR5.com</a>                                   | Title: TRANSFORMER              |          |           |
|                                                                                                        | Digital Audio Data Transmission |          |           |
|                                                                                                        | P/N: XF0033AT                   |          | REV. B    |
|                                                                                                        | DWN.                            | Xian yi  | Nov-19-09 |
|                                                                                                        | CHK.                            | YK Liao  | Nov-19-09 |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in Inch<br>SCALE 2:1 SHT 1 OF 1 | APP.                            | Joe Huff | Nov-19-09 |