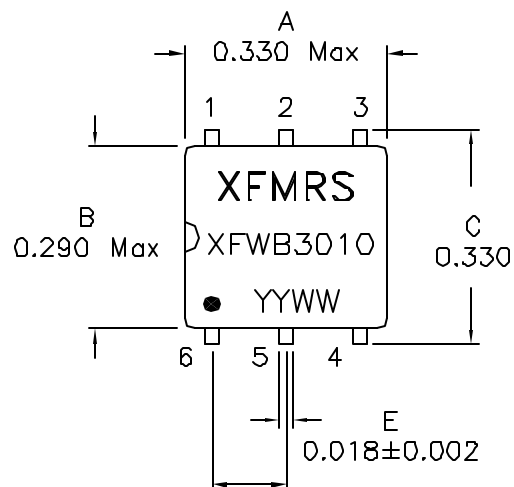
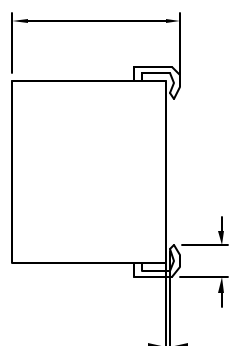


## 1. Mechanical Dimensions:



D  
0.100

F  
0.290 Max



H  
0.07-0.09

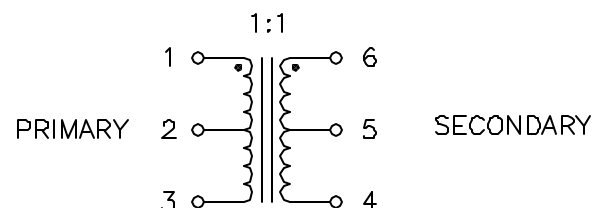
G  
0.004 Min

### 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 -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV. A/5

## 2. Schematic:



## 3. Electrical Specifications: @25°C

ISOLATION: 300VAC (PRI TO SEC)

TURNS RATIO: (1-3):(6-4)=1:1

OCL: 780uH Min @100KHz 50mV

DCR: 0.320 Ohms Max

Freq. Bandwidth: 3.0dB Typ. 0.0035-125MHz

Insertion Loss: 0.2dB Max

Idc: 250mA

**PROPRIETARY**

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|                                                                                |               |                          |           |
|--------------------------------------------------------------------------------|---------------|--------------------------|-----------|
| XFMRS Inc<br>www.XFMRS.com                                                     |               | Title:<br>RF TRANSFORMER |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in INCH | P/N: XFWB3010 |                          | REV. A    |
|                                                                                | DWN.          | Juan Mao                 | Feb-15-06 |
|                                                                                | CHK.          | YK Liao                  | Feb-15-06 |
|                                                                                | APP.          | BW                       | Feb-15-06 |
| SHEET 1 OF 1                                                                   |               |                          |           |