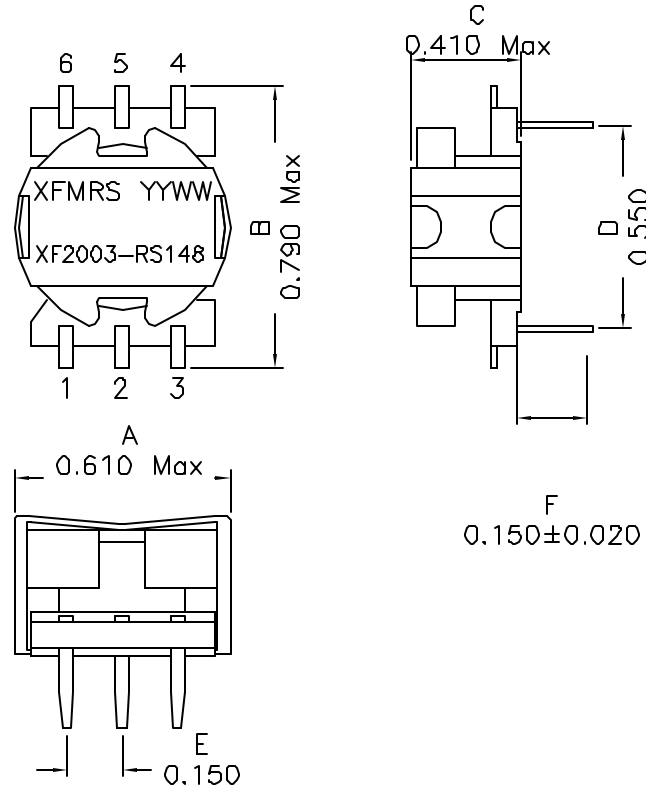
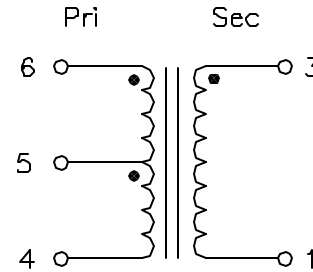


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specifications: @25°C

Reflected Impd.: 135 Ohms with 100 Ohms on Sec  
 QCL: Pins 3-1 200mH Min @1KHz 1.0V  
 Leakage L: Pins 6-4 43uH Max @10KHz 0.5V, Short Pins 1-3  
 CW/W: Pins 3-6 45 pF Typ @10KHz, 0.1V  
 Turns Ratio: (Pins 6-4):(Pins 3-1)=1:1 ±1%  
 DC Res.: Pins 6-4 17.75 Ohms±15%  
           Pins 3-1 17.75 Ohms±15%  
 Freq. Resp.: ±1.0dB, 100Hz to 112KHz  
 Return Loss: 15dB typ. 100Hz to 100KHz  
 Insertion Loss: 1.5dB Max @10KHz  
 Long Bal.: 60dB Min 200Hz to 1KHz, 40dB Min @15KHz  
 DC I in Pri: Balanced  
 Hypot: 1250Vac Wdg-Wdg, Wdgs-Core

**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 E151558
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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Only remove the bottom of Pin2, leave the side post to terminate wire

DOC. REV: A/4

<b>XFMRS Inc.</b> www.XFMRS.com	Title: TRANSFORMER	
	P/N: XF2003-RS148	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH SHEET 1 OF 1	DWN.	廖玉坤 Jun-18-07
	CHK.	李清儿 Jun-18-07
	APP.	MS Jun-18-07