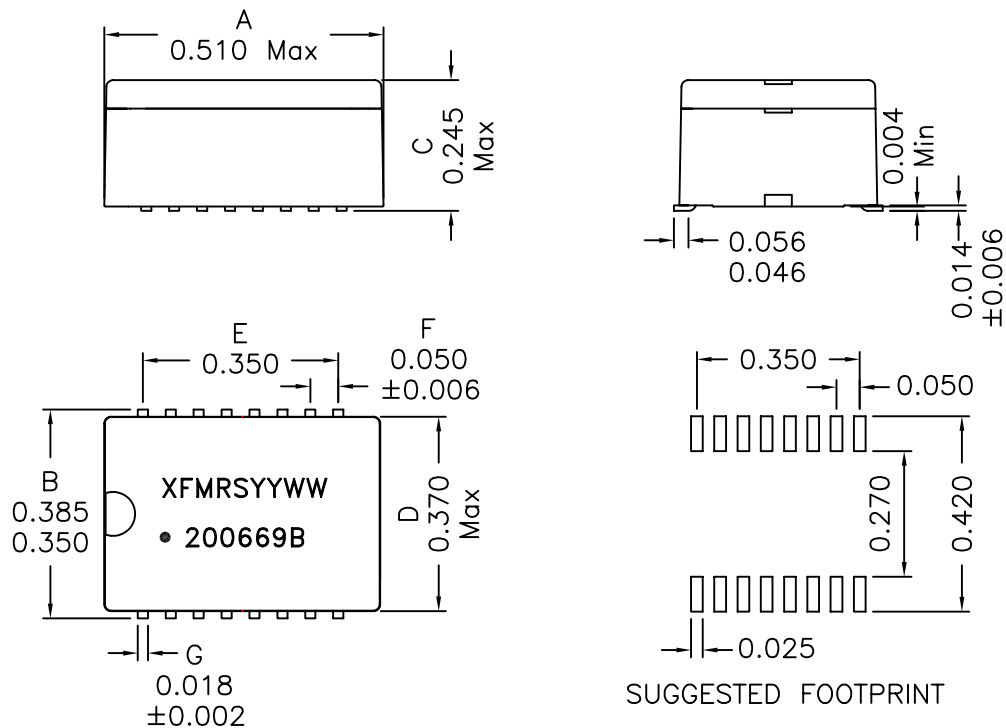
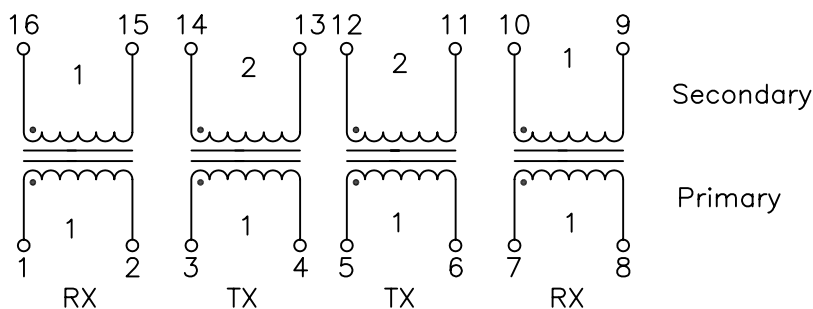


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

Isolation Voltage: 2200 VAC for 6 Sec Pri to Sec

Turns Ratio: (1-2):(16-15)=1:1 ±5%

(3-4):(14-13)=1:2 ±5%

(5-6):(12-11)=1:2 ±5%

(7-8):(10-9)=1:1 ±5%

PRI OCL: 280uH Min @100KHz 20mV

Cw/w: 11pF Max @100KHz 20mV (Pri/Sec) P1-16, 7-10

13pF Max @100KHz 20mV (Pri/Sec) P3-14, 5-12

LL: 0.15uH Max @100KHz 20mV P1-2, 7-8

0.12uH Max @100KHz 20mV P3-4, 5-6

@PRI, WITH SEC SHORTED

Rise Time: 4nS Max

Return Loss: 20dB Min @5MHz-10MHz

Insertion Loss: 0.5dB Max @1MHz-30MHz

0.5dB Max @1MHz-30MHz

Crosstalk: 40dB Min @100KHz-30MHz

PRI DC Resistance: 0.50 Ohms Maximum

SEC DC Resistance: 0.50 Ohms Maximum

PRI Q: 5 Min @10KHz 50mV

### 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: ±0.004" (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

<b>XFMRs Inc</b> www.XFMRs.com		Title: 10 BASE T ISOLATION MAGNETICS	
UNLESS OTHERWISE SPECIFIED		P/N: XF200669B	REV. B
TOLERANCES: .xxx ±0.010		DWN.	Feng
Dimensions in Inch		CHK.	YK Liao
SHEET 1 OF 1		APP.	BW
			Oct-14-11
			Oct-14-11
			Oct-14-11

DOC. REV: B/1

**PROPRIETARY**

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