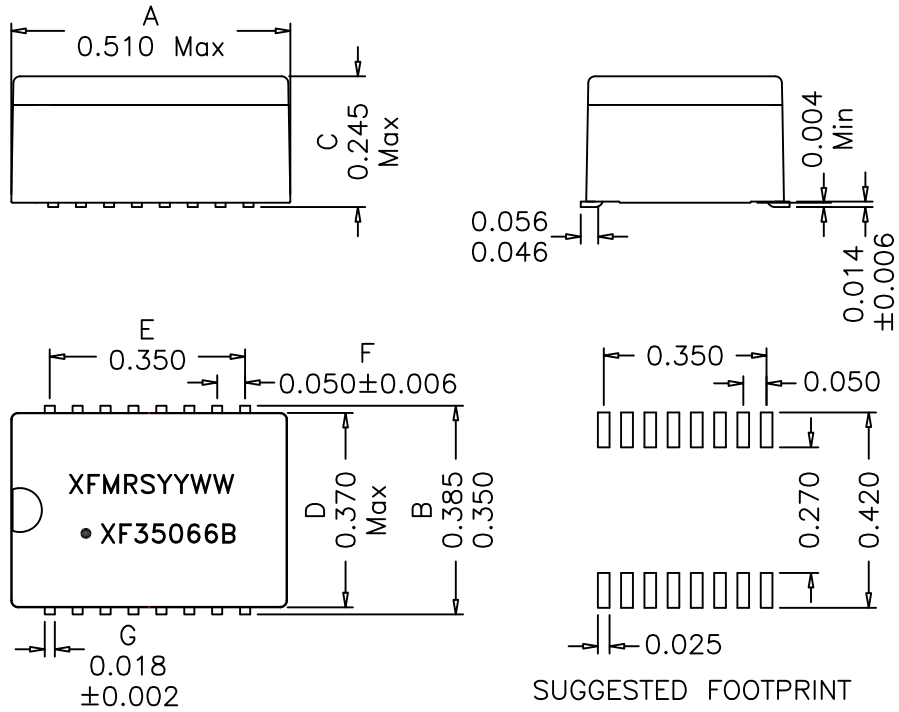


## 1. Mechanical Dimensions:



## 3. Electrical Specifications: @25°C

Isolation Voltage: 1500 VAC

Turns Ratio: Pins (1-2-3):(16-15-14)=1CT:1CT±3%

Pins (6-7-8):(11-10-9)=1CT:1CT±3%

OCL: Pins 1-3, 6-8 350uH Min @100KHz 0.1V, 8mAdc

Cw/w: 15pF Typical @100KHz 100mV (Pri/Sec)

LL: Pins 1-3 0.4uH Max @100KHz 0.1V, Short 16-14

Pins 6-8 0.4uH Max @100KHz 0.1V, Short 11-9

DC Resistance: Pins 11-9, 16-14 0.60 Ohms Max

Pins 1-3, 6-8 1.10 Ohms Max

RISE TIME (10%-90%): 2.5nS TYPICAL

INSERTION LOSS: -1.1dB Max @100KHz - 100MHz

Return loss: -18dB TYPICAL @500KHz-30MHz

-15.5dB TYPICAL @40MHz

-13.6dB TYPICAL @50MHz

-12dB TYPICAL @60MHz-80MHz

CROSSTALK: -40dB TYPICAL @100KHz - 100MHz

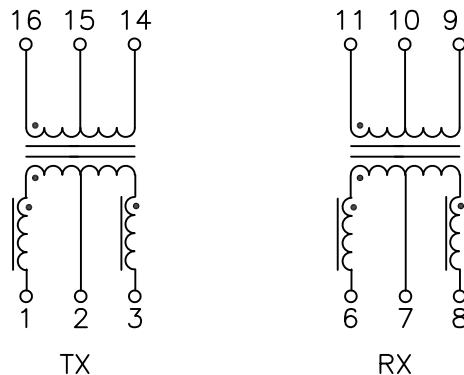
CMR: -40dB TYPICAL @100KHz - 100MHz

Q: 5 Min @10KHz 50mV

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.

## 2. Schematic:



DOC. REV: B/3

<b>XFMR Inc</b> <a href="http://www.XFMR.com">www.XFMR.com</a>	Title: 10/100 BASE MAGNETICS			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XF35066B	REV. B	
Dimensions in Inch	DWN.	Yuan	Jan-09-15	
SHEET 1 OF 1	CHK.	YK Liao	Jan-09-15	
	APP.	BW	Jan-09-15	