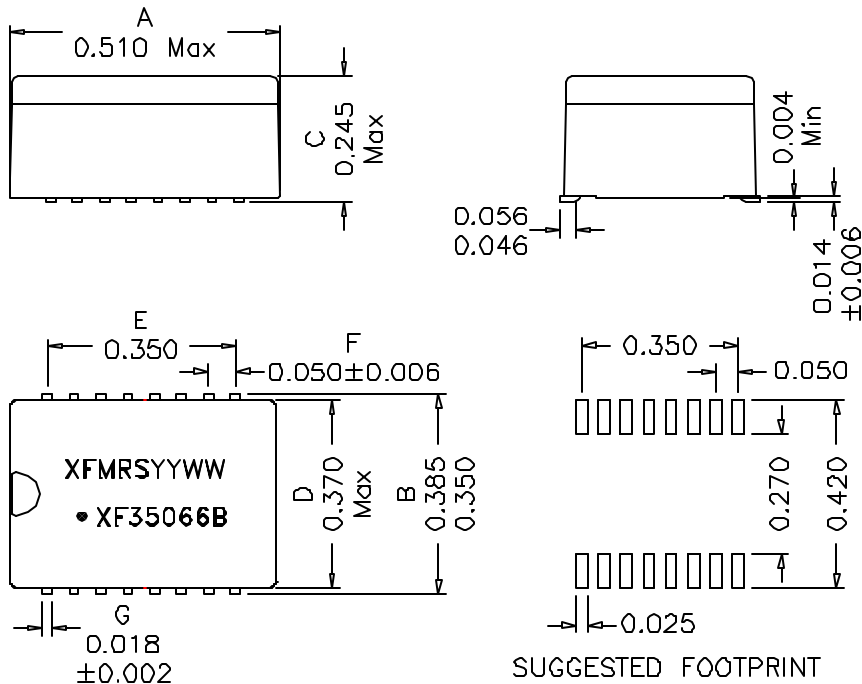
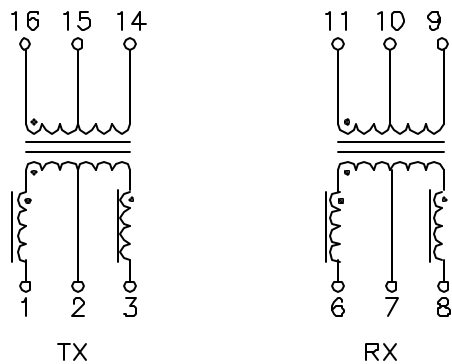


1. Mechanical Dimensions:



2. Schematic:



DOC. REV: B/2

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, 8mA
 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-202C, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E161568
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- 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

XFMR5 Inc www.XFMR5.com	Title: 10/100 BASE MAGNETICS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XF35066B	REV. B
Dimensions in Inch	DWN.	Feng	Oct-11-11
	CHK.	YK liao	Oct-11-11
SHEET 1 OF 1	APP.	Joe Huff	Oct-11-11