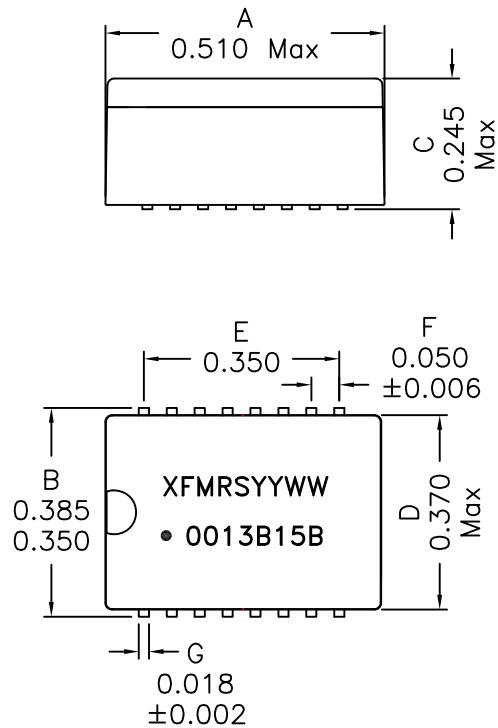
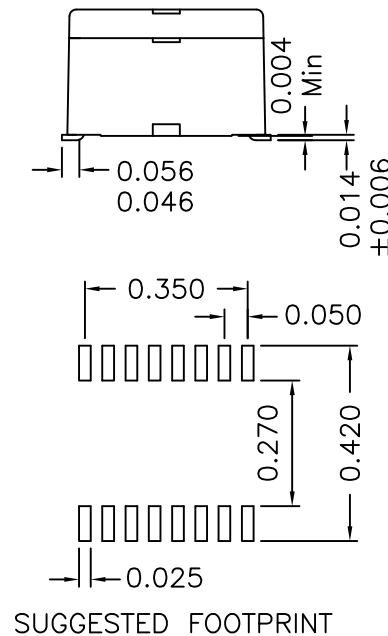
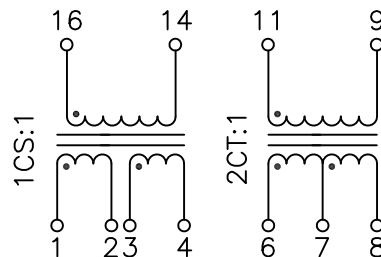


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:@25°C

Isolation Voltage: 1875 VAC 1 Sec

Turns Ratio: (1-4):(16-14)=1CS:1 ±2%

Turns Ratio: (6-8):(11-9)=2CT:1 ±1%

PIN1-4 OCL: 1.2mH Min @10KHz 100mV

PIN6-8 OCL: 1.2mH Min @10KHz 100mV

Q: 5 Min @10KHz 50mV

Cw/w: Pins 25pF Max @100KHz 50mV Pri to Sec

Leakage L: Pins 1-4 0.5uH Max @100KHz 50mV (tie 16+14)

Leakage L: Pins 6-8 0.5uH Max @100KHz 50mV (tie 11-9)

DC Res: 16-14, 6-8, 11-9 0.70 Ohms Maximum

DC Res: 1-2, 3-4 0.35 Ohms Maximum

Long Bal: 35dB Min @1.544MHz

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
11. Recommended IR Reflow peak temp of 250C Max.
12. UL1950 approved to Supplementary Insulation requirements for a working voltage up to 300V, file #E165866.

XFMRS Inc www.XFMRS.com		Title: T1/CEPT/DS3 Surface Mount Transformers	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0013B15B		REV. B
	DWN.	Yuan	Apr-22-14
	CHK.	YK Liao	Apr-22-14
SHEET 1 OF 1	APP.	DDC	Apr-22-14

DOC. REV B/1

PROPRIETARY

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