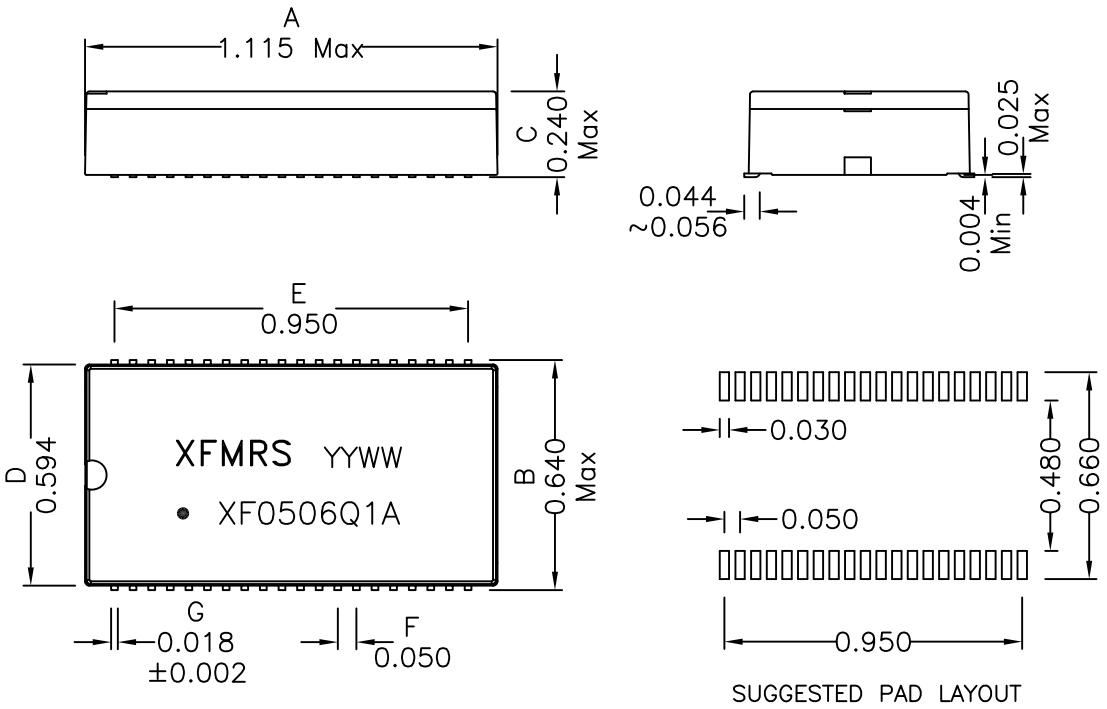
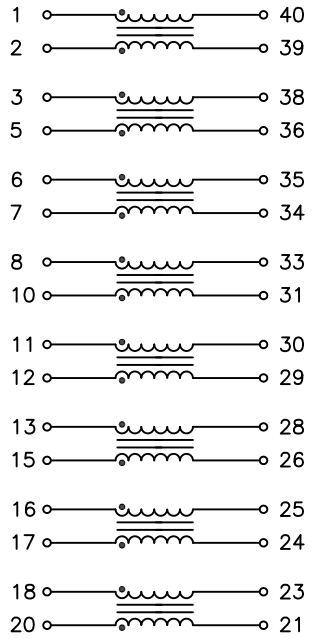
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

No. of Lines: 16
Turns Ratio: 1:1
Isolation Voltage: 500 Vrms
DC Resistance: 0.40 Ohms Maximum
OCL: 47uH Minimum @100KHz,100mV
Q: 5 Min @10KHz,50mV
Common Mode Attenuation: @300KHz 9dB Typ
@1MHz 13dB Typ @10MHz 25dB Typ
@30MHz 23dB Typ @50MHz 20dB Typ
@100MHz 16dB Typ @300MHz 10dB Typ
@500MHz 17dB Typ
Surge Voltage: Metallic Voltage: 800V peak, 10/500uS (Line to Line)
Surge Voltage: Longitudinal Voltage: 2400V peak, 10/700uS (Line to Ground)

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 180°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. Designed to meet Belcore GR-1089 Lightning & AC fault test.
12. Recommended IR Reflow peak temp of 250C Max.

DOC. REV: B/1

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XFMRS Inc www.XFMRS.com	Title: T1/E1 8x2 Line Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0506Q1A		REV. B
	DWN.	Yuan	May-23-13
	CHK.	YK Liao	May-23-13
SHEET 1 OF 1	APP.	BSJ	May-23-13