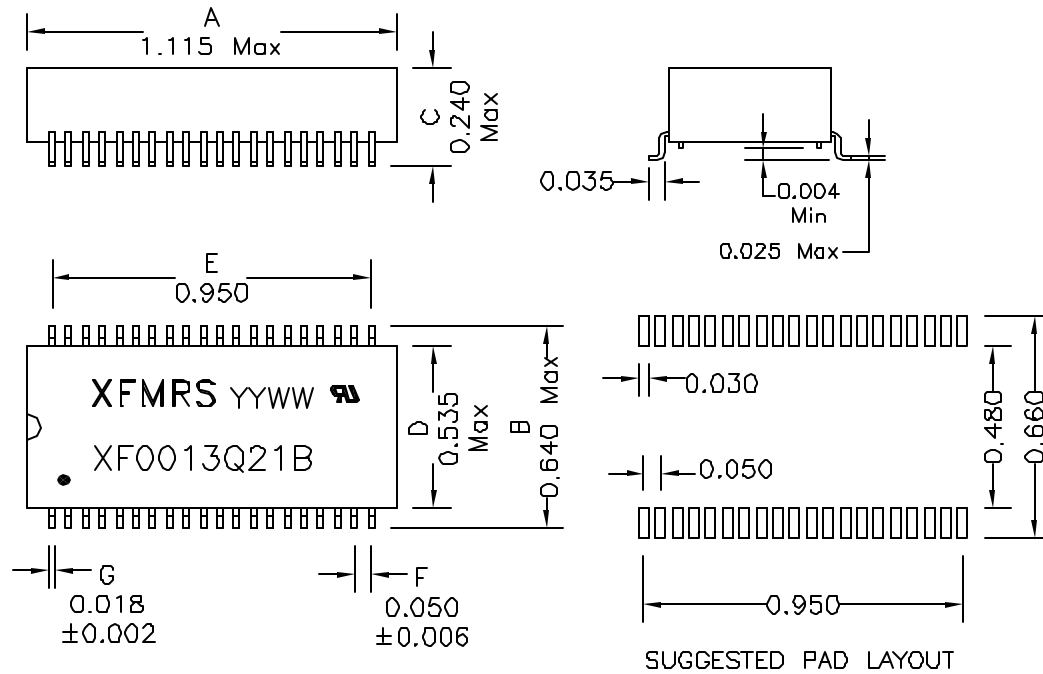
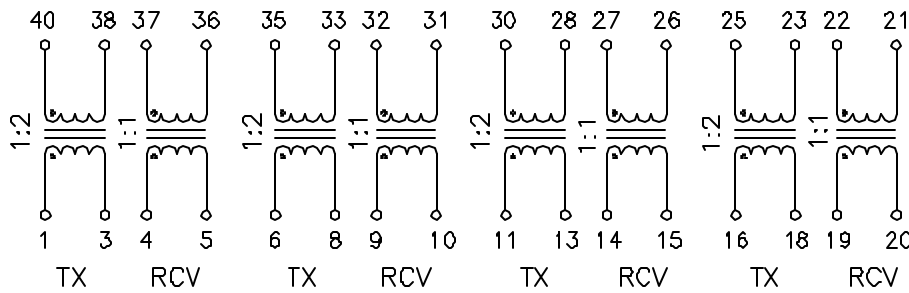


### 1. Mechanical Dimensions:



### 2. Schematic:



DOC REV: A/4

### 3. Electrical Specifications: @25°C

- Isolation: 1500Vrms, PRI to SEC
- TX Turns Ratio: 1:2 (PRI:SEC)
- RCV Turns Ratio: 1:1 (PRI:SEC)
- TX PRI OCL: 1.50mH Minimum @10KHz 50mV
- RCV PRI OCL: 1.80mH Minimum @10KHz 50mV
- TX PRI LL: 0.3uH Maximum @1MHz 50mV (Short SEC)
- RCV PRI LL: 0.5uH Maximum @1MHz 50mV (Short SEC)
- TX PRI DCR: 0.60 Ohms Maximum
- TX SEC DCR: 1.20 Ohms Maximum
- RCV PRI & SEC DCR: 0.690 Ohms Maximum
- Cw/w: 35pF Maximum @100KHz 50mV (PRI/SEC)
- RETURN LOSS: TX 19dB Typ RCV 30dB Typ @102KHz, 25°C
- TX 18dB Min RCV 19dB Min @102KHz, -40 to +85°C
- Terminated in 23.2 Ohms for TX and 120 Ohms for RCV

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- UL Recognized Component, file #E165866, category WYQQ2.
- 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

<b>XFMRs Inc</b> www.XFMRs.com		Title: T1/E1/CEPT QUAD PORT	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0013Q21B		REV. A
	DWN.	Mei Chen	Sep-15-10
	CHK.	YK Liao	Sep-15-10
SHEET 1 OF 1	APP.	Joe Huff	Sep-15-10