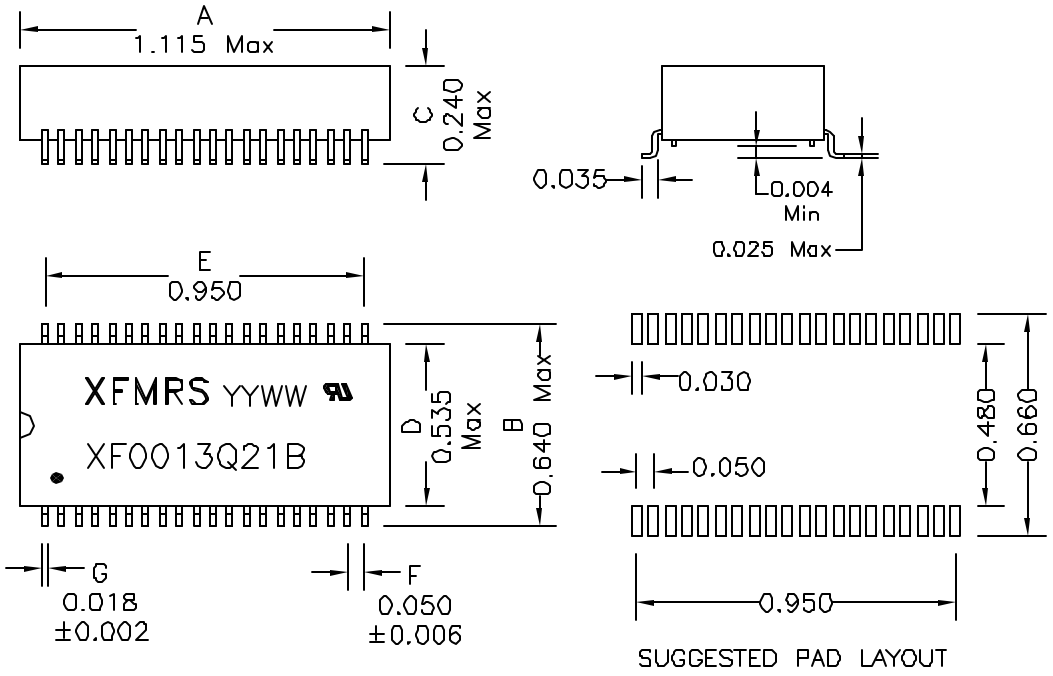
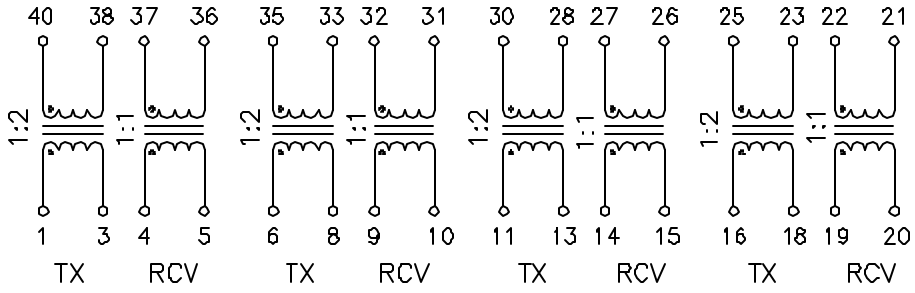
1. Mechanical Dimensions:



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:

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

XFMRS Inc 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

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