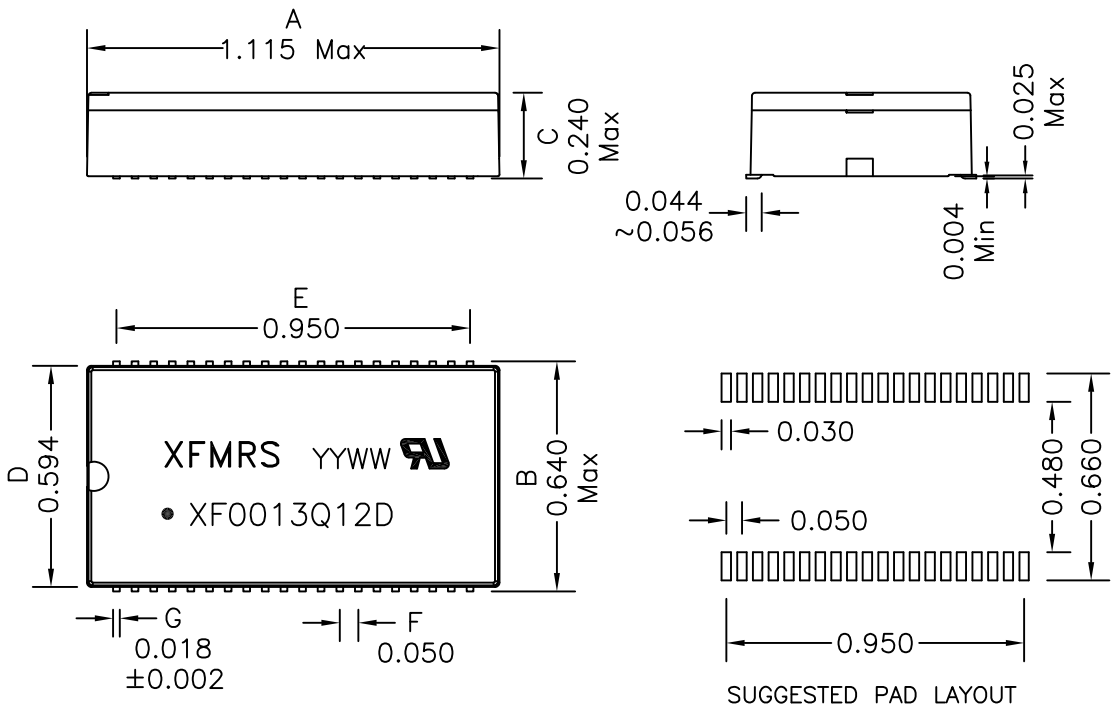
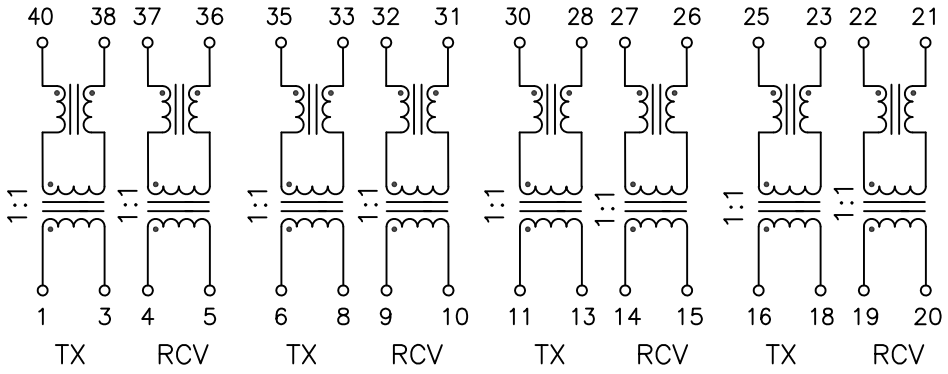
1. Mechanical Dimensions:



2. Schematic:



DOC. REV: B/1

3. Electrical Specifications: @25°C

Isolation: 1500 Vrms (PRI to SEC)

TX Turns Ratio: 1:1 (PRI:SEC)

RCV Turns Ratio: 1:1 (PRI:SEC)

PRI OCL: 1.2mH Min @100KHz 50mV

Cw/w: 35pF Maximum @100KHz 50mV (PRI/SEC)

PRI LL: 0.8uH Maximum @100KHz 50mV
(SEC Shorted)

Crosstalk: −60dB Typ (0.5 to 5MHz)

CHOKE OCL: 30uH Typ @100KHz, 50mV

Q: 5 Min @10KHz, 50mV

Common Mode Attenuation:

8dB Typ @100KHz
21dB Typ @1MHz
28dB Typ @10MHz
28dB Typ @30MHz
28dB Typ @50MHz
27dB Typ @100MHz
25dB Typ @300MHz
22dB Typ @500MHz

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 245C Max.

XFMRS Inc www.XFMRS.com	Title: T1/E1/CEPT QUAD PORT		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0013Q12D		REV. B
	DWN.	Yuan	Sep−10−13
	CHK.	YK Liao	Sep−10−13
SHEET 1 OF 1	APP.	DDC	Sep−10−13

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