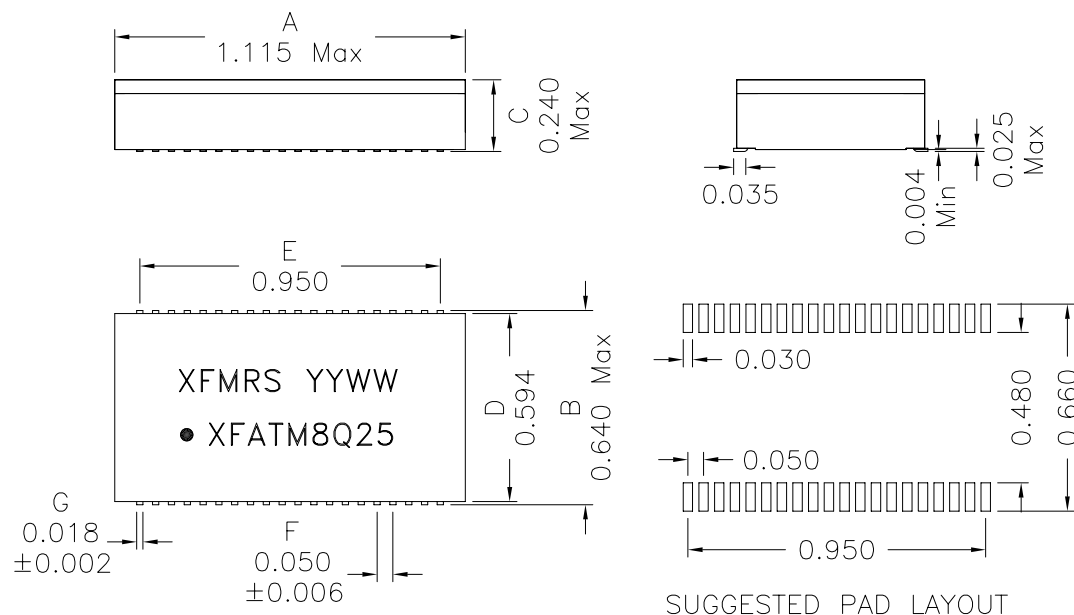
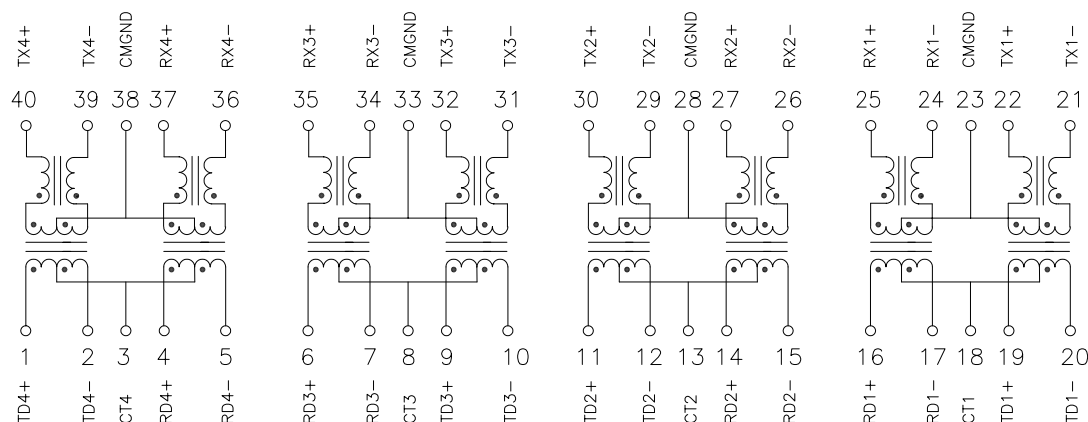


1. Mechanical Dimensions:



2. Schematic:



DOC. REV: B/1

3. Electrical Specifications: @25°C

Isolation: 1500Vrms (PRI to SEC)

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

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

PRI OCL: 350uH Minimum @100KHz 100mV 8mAdc

Insertion Loss: 1.0 dB Max @100KHz – 100MHz

Return Loss: –18dB Min, 2–30 MHz

–14.4dB Min, 40 MHz

–13.1dB Min, 50 MHz

–12dB Min, 60–80 MHz

Crosstalk: –55dB Min, 1 KHz

–45dB Min, 30 MHz

–40dB Min, 60 MHz

–33dB Min, 100 MHz

Differential to Common Mode Rejection:

–37dB Min, 1–60 MHz

–25dB Min, 60–200 MHz

Q: 5 Min @10KHz 50mV

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

XFMRS Inc www.XFMRS.com	Title: 10/100BASE-TX		
	P/N: XFATM8Q25		REV. B
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	DWN.	Feng
	Dimensions in INCH	CHK.	YK Liao
	SHT 1 OF 1	APP.	BW

PROPRIETARY

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