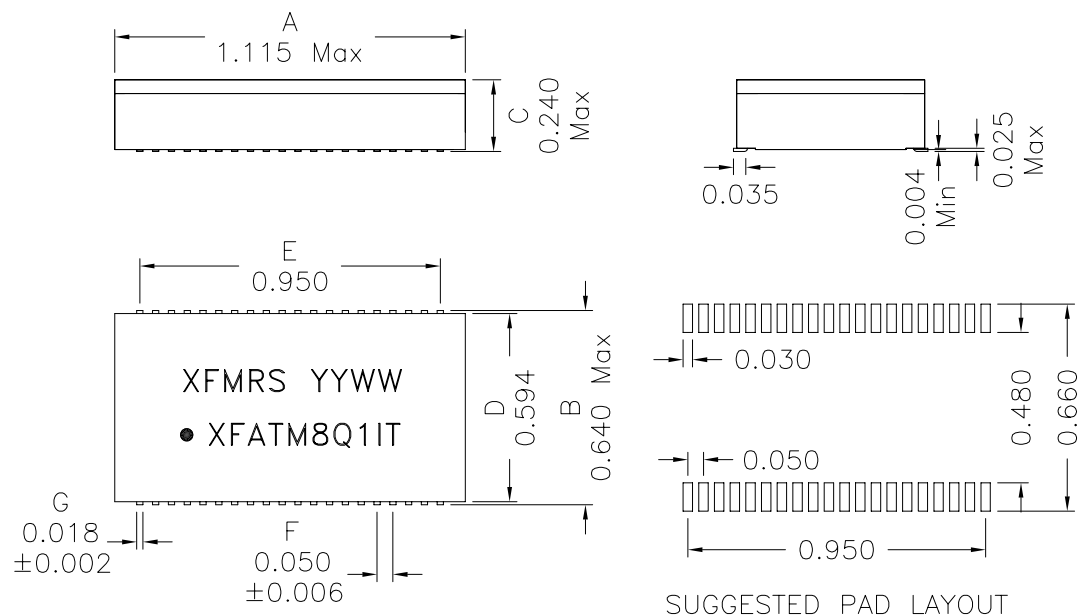


1. Mechanical Dimensions:



3. Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

OCL: 350uH Minimum @100KHz, 100mV 8mADC

INSERTION LOSS: 1.0dB Max. @100KHz – 100MHz

RETURN LOSS (dB Typ):

2–30MHz	40MHz	50MHz	60–80MHz
–21dB	–17dB	–14.5dB	–12dB

CROSSTALK (dB Typ): 1MHz 30MHz 60MHz 100MHz
–65 –55 –45 –35

Diff. to Common Mode Rejection (dB Typ)

1–60MHz	60–200MHz
–40dB	–30dB

Common to Common Rejection Ratio:

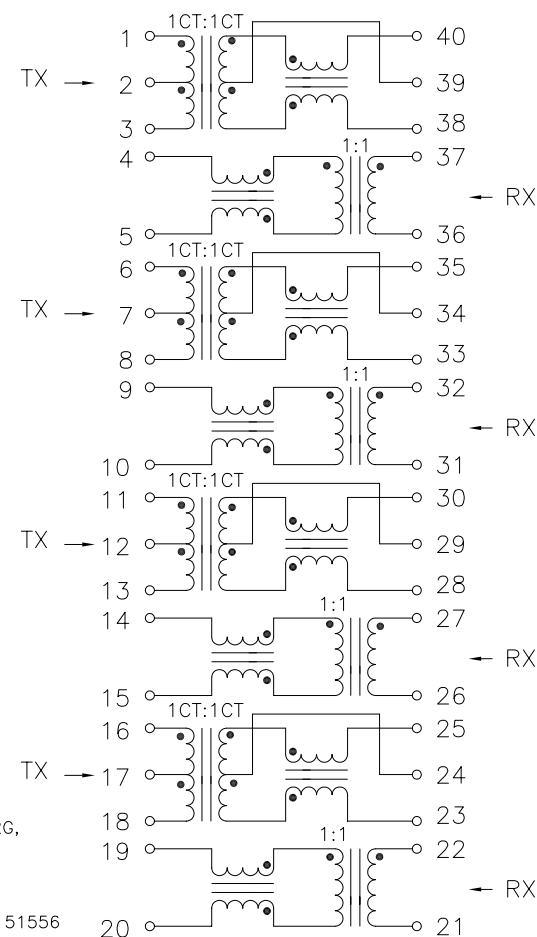
@0.1–60MHz –30dB Typ

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

2. Schematic:



DOC. REV: B/1

XFMRs Inc www.XFMRs.com		Title: Quad Port 10/100BASE–TX Module	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH		P/N: XFATM8Q1IT	REV. B
		DWN. Feng	Aug–19–11
		CHK. YK Liao	Aug–19–11
SHT 1 OF 1		APP. BW	Aug–19–11

PROPRIETARY

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