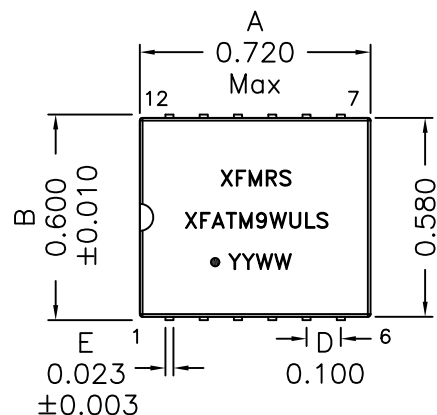
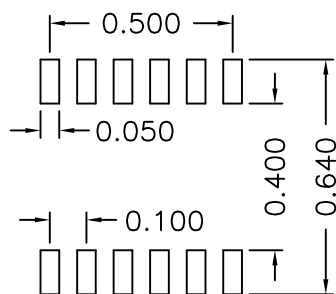
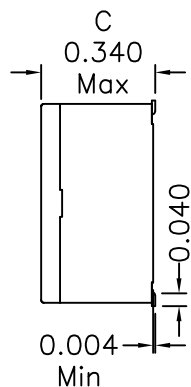


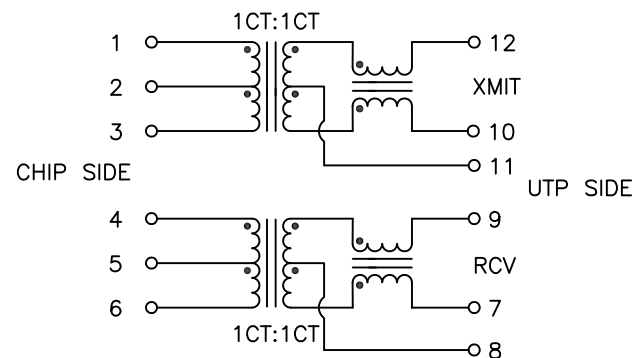
1. Dimensions:



SUGGESTED PAD LAYOUT



2. Schematic:



3. Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX=1CT:1CT±2% RX=1CT:1CT±2%

Isolation Voltage: 2500Vrms, Input to Output

UTP Side OCL: 350uH Min @100KHz 0.1V, 8mAdc

UTP Side Q: 16 Min @100KHz 0.1V,

Rise Time (10–90%): 4.0ns Typical

Insertion Loss (1–100MHz): –1.0dB Maximum

Return Loss: 30MHz 60MHz 80MHz
–20dB –14dB –11.5dB Typ

CMRR: 30MHz 50MHz 100MHz
–42dB –37dB –33dB Typ

Crosstalk: 30MHz 60MHz 100MHz
–45dB –40dB –35dB Typ

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. Designed to meet UL60950 with supplementary insulation with an operating voltage up to 250Vrms.

DOC REV B/1

XFMRS Inc
www.XFMRS.com

Title:
10/100 Ethernet

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010
Dimensions in Inch
SCALE 3:1 SHT 1 OF 1

P/N: XFATM9WULS	REV. B
DWN.	Yuan Aug–05–13
CHK.	YK Liao Aug–05–13
APP.	BSJ Aug–05–13

PROPRIETARY

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