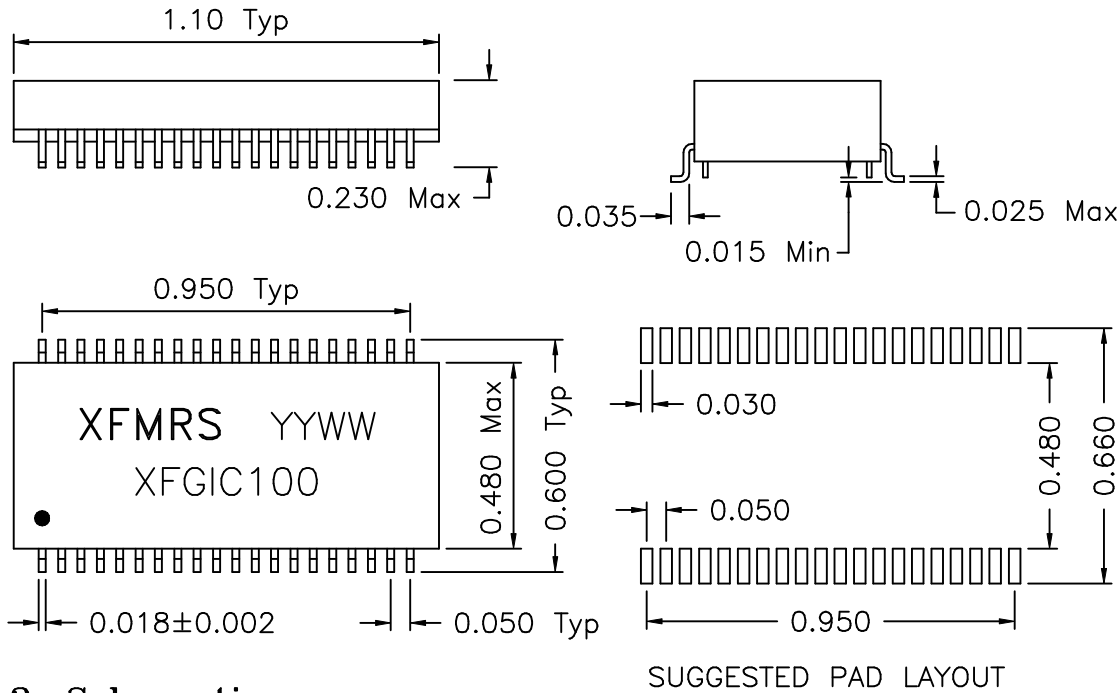
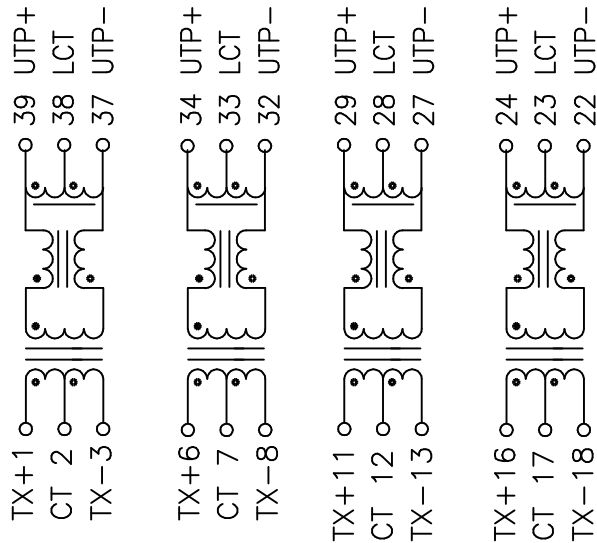


1. Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

TURNS RATIO: (PRI/SEC) 1CT:1 ±2%

OCL: 350uH MIN @100KHz 100mV 8mADC

INSERTION LOSS: -1.0dB MAX @0.3KHz-100MHz

-1.5dB MAX @100-125MHz

RETURN LOSS: 18dB Min @0.5-40MHz

12-20*LOG(f/80MHz)dB Min @40-100MHz

Rise Time: 1.75ns Max.

Common to Common Rejection:

30dB Min @0.1-100MHz

CMRR: 39-19.2*LOG(f/50MHz)dB Min @2-100MHz

Crosstalk Isolation: 33-20*LOG10(f/100MHz)dB Min

Common Mode Impedance Magnitude:

10 OHMs Max @1-50MHz

25 Ohms Max @50-100MHz

70 Ohms Max @100-250MHz

DOC. REV: C/1

| | | | |
|------------------|--|----------|-------------------------|
| XFMRS Inc | Title: 1000BASE-T Modules | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH | | P/N: XFGIC100 REV. C |
| | DWN. | 李清儿 | Mar-17-99 |
| | CHK. | 孙悦 | Mar-17-99 |
| | APP. | Joe Huff | Mar-17-99 |