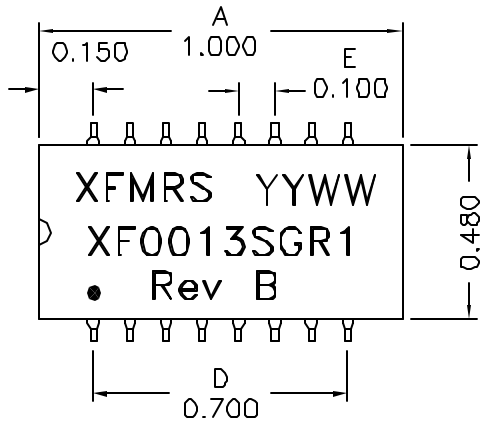
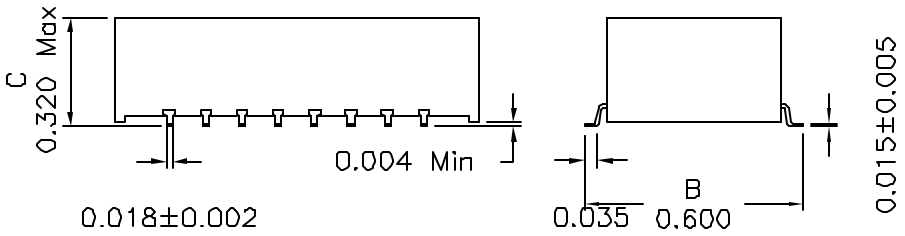
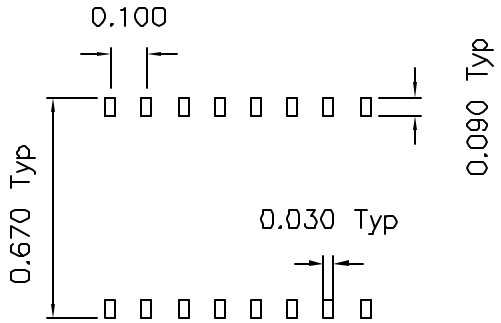
1. Mechanical Dimensions:





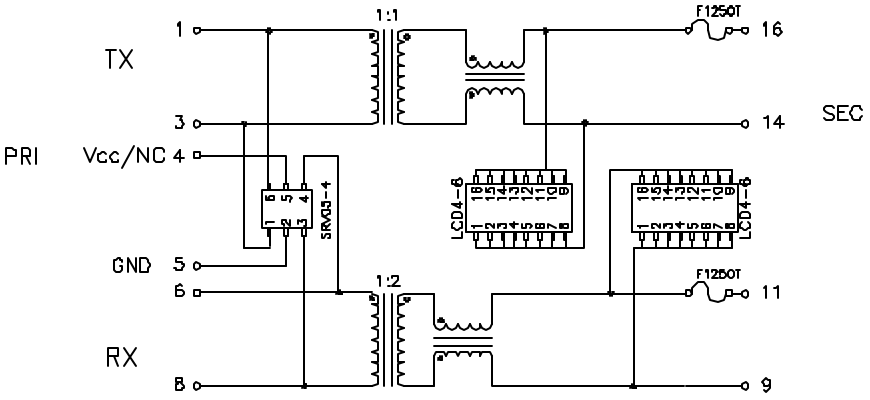


PAD LAYOUT

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:



Pins 4 and 13: Refer to Semtech datasheet for connection options.

3. Electrical Specifications: @25°C

Isolation Voltage: 1500Vrms

Turns Ratio: Pins (1-3):(16-14)=1:1±3%
Pins (6-8):(11-9)=1:2±3%

OCL: Pins 1-3 1.2mH Typ @100KHz 50mV
Pins 6-8 1.2mH Typ @100KHz 50mV

CW/W: 35pF Max @100KHz 50mV (PRI/SEC)

PRI LL: 0.4uH Max @100KHz 50mV, Short SEC

PRI DCR: 0.700 Ohms Max

Common Mode Attenuation: @300KHz 11dB Typ
@1MHz 27dB Typ @10MHz 40dB Typ
@30MHz 44dB Typ @50MHz 42dB Typ
@100MHz 36dB Typ @300MHz 26dB Typ
@500MHz 17dB Typ

DOC REV: B/3

XFMRS Inc www.XFMRS.com	Title: SINGLE PORT T1/CEPT/ISDN-PRI TRANSFOMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0013SGR1		REV. B
	DWN.	Juan Mao	Aug-16-07
	CHK.	YK Liao	Aug-16-07
SCALE 2:1 SHT 1 OF 1	APP.	MS	Aug-16-07

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