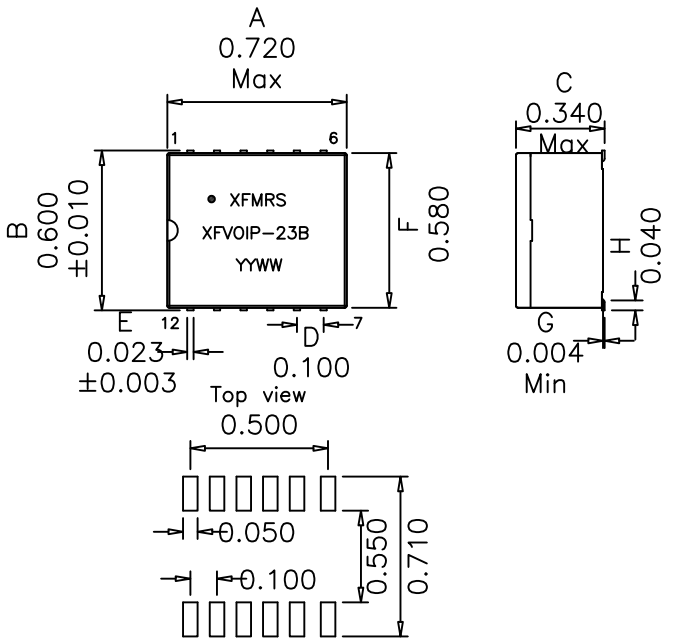
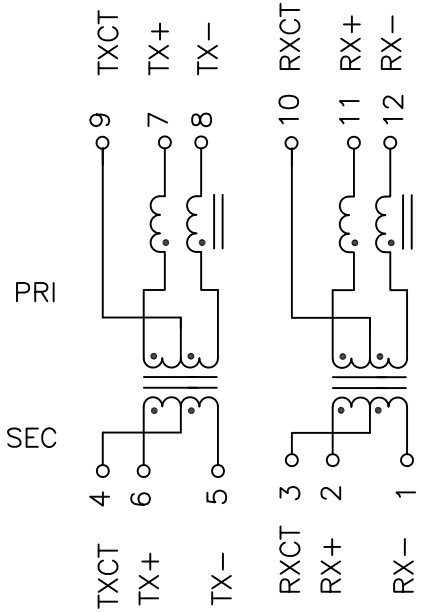
1. Mechanical Dimensions:



Suggested PAD Layout

2. Schematic:



3. Electrical Specifications: @25°C

HIPOT: 1500Vrms

OCL: 350uH Min @100KHz 0.1V 35mAdc

OCL: 200uH Min @100KHz 0.1V 35mAdc at −40C and +85C

Q: 5 Min @10KHz 50mV

Pri DCR: 0.6 Ohms Max

Sec DCR: 0.5 Ohms Max

Cw/w: 45pF Max @100KHz 0.1V

TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%

Insertion Loss:

@0.1−100MHz	1.0dB Max
@100−125MHz	1.2dB Max

Return Loss:

@1−40MHz	18dB Typ
@40−50MHz	16dB Typ
@50−80MHz	12dB Typ
@80−100MHz	10dB Typ

Balanced DC Line Current: 800 mA Max @57Vdc continuous
1.0A Max @57Vdc for 200mS

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. All listed parameters are to be within tolerance from −40°C to +85°C unless otherwise noted.
6. Storage Temperature Range: −40°C to +85°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/2

XFMRS Inc. www.XFMRS.com	Title: 60W POE XFMR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFVOIP−23B		REV. A
	DWN.	Yuan	Aug−03−15
	CHK.	YK Liao	Aug−03−15
SHT 1 OF 1	APP.	DDC	Aug−03−15

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