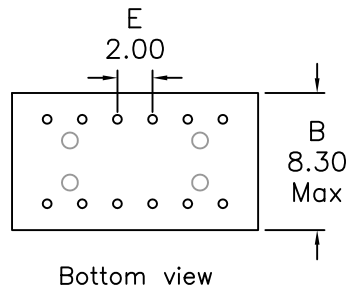
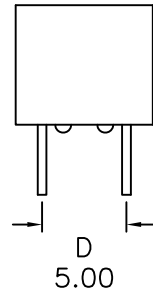
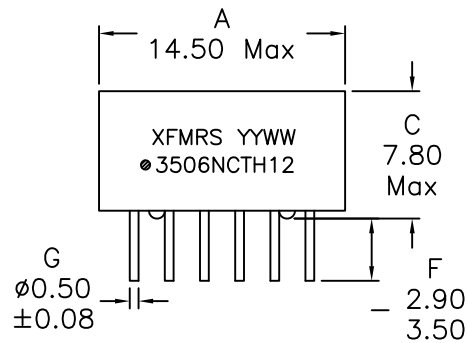


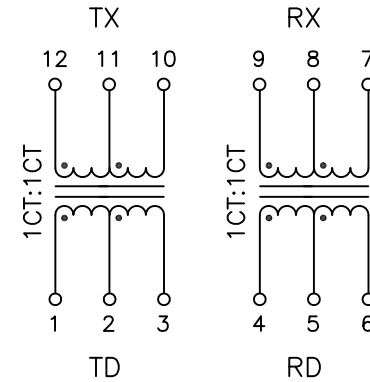
## 1. Mechanical Dimensions:



### 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 0°C to +70°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

## 2. Schematic:



## 3. Electrical Specifications: @25°C

Isolation Voltage: 1650Vac 1mA 6S

Turns Ratio: (1-2-3):(12-11-10)=1CT:1CT±5%

(4-5-6):(9-8-7)=1CT:1CT±5%

OCL: Pins 1-3 & 4-6 350uH Min @100KHz 0.2V 8mAdc

Q: Pins 1-3 & 4-6 5 Min @10KHz 50mV

Cw/w: 25pF Typical @ 100KHz 0.2V (Pri/Sec)

LL: Pins 1-3 0.5uH Max @ 100KHz 0.2V (short 12-10)

Pins 4-6 0.5uH Max @ 100KHz 0.2V (short 9-7)

DCR: 1.2 Ohms Max (Each Wdg)

INSERTION LOSS: -1.1dB Max @0.5MHz-100MHz

RETURN LOSS: -18dB Min @500KHz-30MHz

-18~20log(f/30)dB Min @30.1MHz-60MHz

-12dB Typ @60.1MHz-80MHz

CROSSTALK: -35dB Min @500KHz-100MHz

CMR: -30dB Min @500KHz

-6dB Min @100MHz

DOC. REV: A/3

<b>XFMRS Inc.</b> www.XFMRS.com	Title: 10/100 BASE MAGNETICS		
	UNLESS OTHERWISE SPECIFIED	P/N: XF3506NC-TH12	REV. A
TOLERANCES: .xx ±0.25	DWN.	Feng	Apr-27-14
Dimensions in MM	CHK.	YK Liao	Apr-27-14
SHEET 1 OF 1	APP.	DDC	Apr-27-14