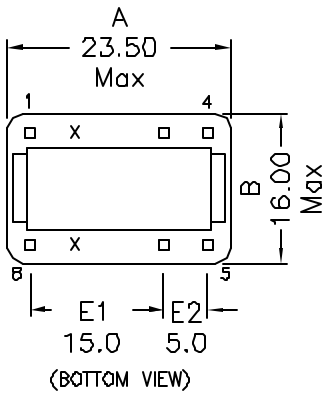
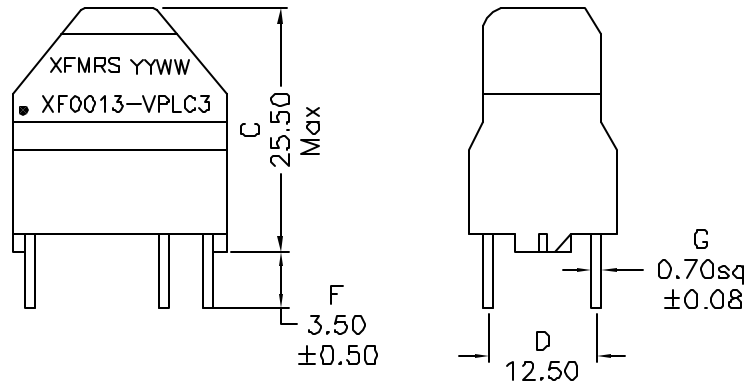


## 1. Mechanical Dimensions:

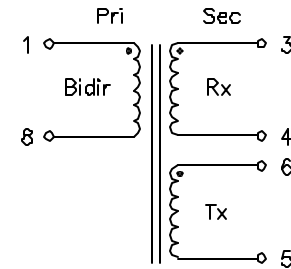


**PRELIMINARY**

### 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 B 130°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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Pins 2 & 7 are removed.
11. Designed to meet ULB0950 for Reinforced Insulation.

## 2. Schematic:



## 3. Electrical Specifications: @25°C

Inductance: Pins 1-8 1.0mH ± 30% @ 100KHz, 0.1V

DCR: Pins 1-8 0.400 Ohms Max

Pins 3-4 0.475 Ohms Max

Pins 6-5 0.275 Ohms Max

Turns Ratio (±2%): (1-8):(3-4) = 1.000:3.000

(1-8):(6-5) = 1.000:1.600

Isolation: 6000Vdc (4250Vrms) Pri to Sec, 1mA Max, 1 Min  
1800Vdc for 1Sec, Sec to Sec

Freq Range: 50-500KHz

DOC REV A/1

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XFMRS Inc. www.XFMRS.com	Title: PLC Coupling Xfmr		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25	P/N: XF0013-VPLC3	REV. A
Dimensions in mm	DWN.	Mei Chen	Feb-16-10
	CHK.	YK Liao	Feb-16-10
SHEET 1 OF 1	APP.	Joe Huff	Feb-16-10