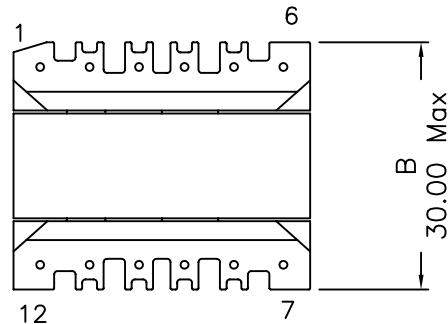
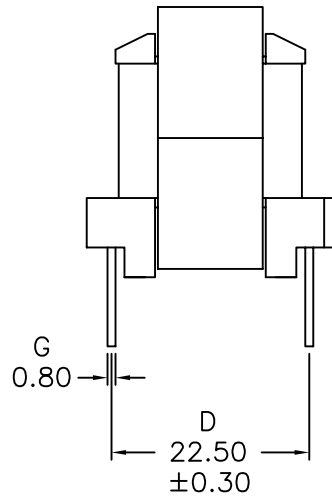
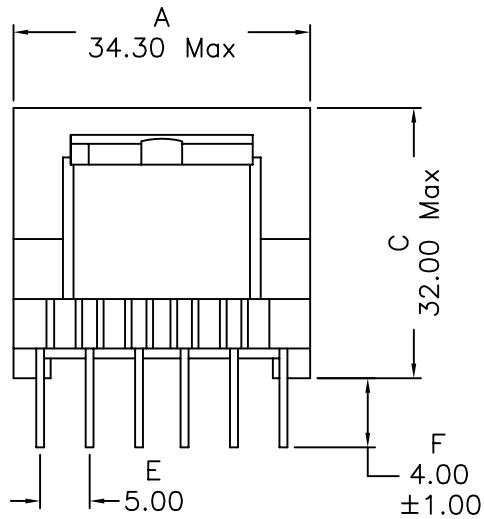


## 1. Mechanical Dimensions:



**XFMR5 YYWW**  
 ● **XF7506-EE33**

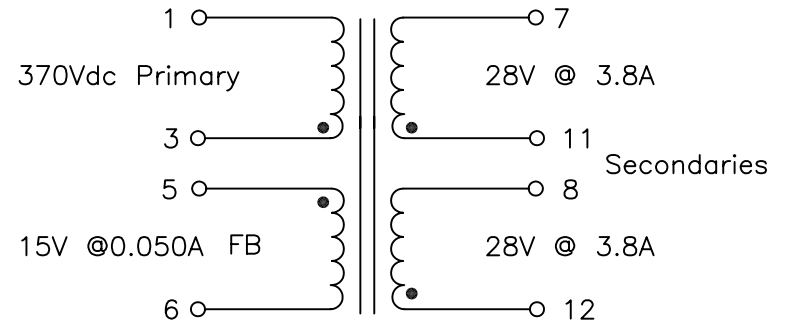
pin 1

Marking on top

### 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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Designed to meet UL60950 for Reinforced Insulation.

## 2. Schematic:



Note: Secondaries must be paralleled on board.

## 3. Electrical Specifications: @25°C

- OCL: Pins 3-1 750uH±10% @100KHz 0.1V
- LL: Pins 3-1 12.0uH Max @100KHz 0.1V (Short Sec)
- Q: Pins 3-1 25 Min @100KHz 0.1V
- Turns Ratio: (3-1):(5-6):(11-7) = 1 : 0.107 : 0.25  
 (12-8):(11-7) = 1 : 1
- DC Res.: Pins 3-1 0.375 Ohms Max  
 Pins 5-6 0.050 Ohms Max  
 Pins 11-7 0.050 Ohms Max  
 Pins 12-8 0.060 Ohms Max
- Hipot: 4000VAC Pri & FB to Sec, 1 Sec,2mA  
 2500VAC Wdgs to Core, 1 Sec

DOC. REV. B/1

<b>XFMR5 Inc</b> www.XFMR5.com	Title: TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XF7506-EE33
SHEET 1 OF 1	DWN.	Feng	Mar-30-11
	CHK.	YK Liao	Mar-30-11
	APP.	BW	Mar-30-11