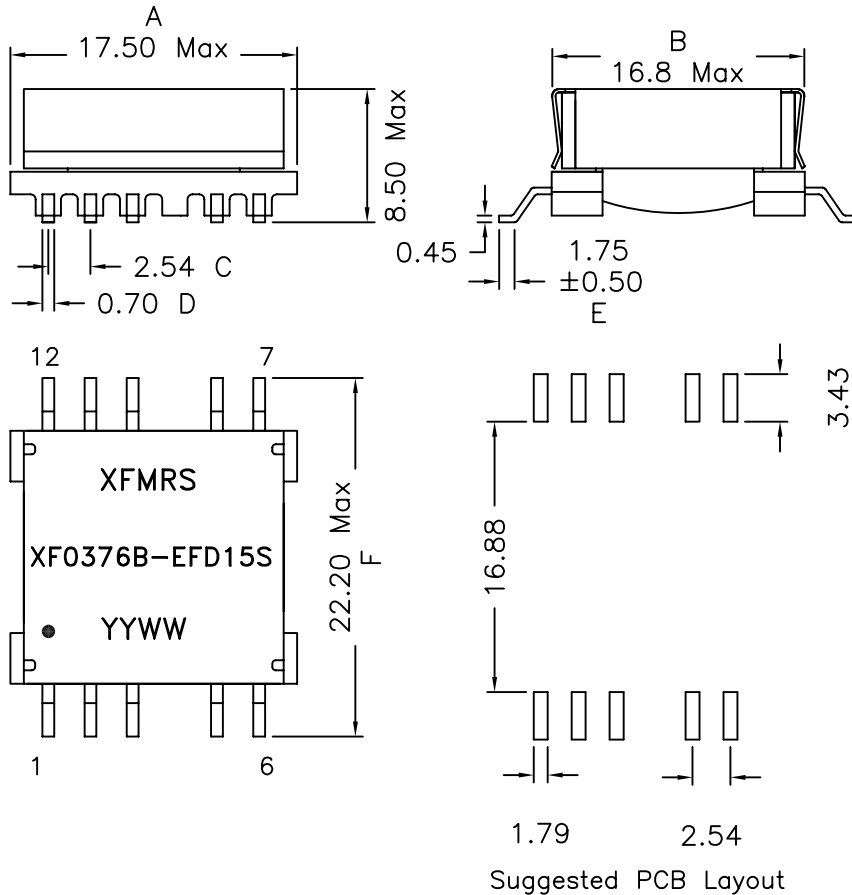


## 1. Mechanical Dimensions:

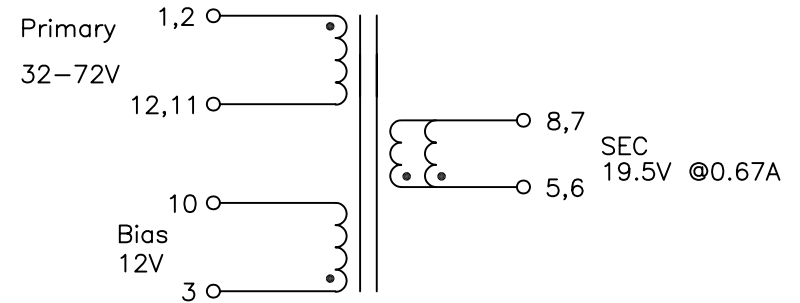


### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC REV: A/1

## 2. Schematic:



## 3. Electrical Specifications:

OCL: Pins1,2-11,12 37uH±10% @250KHz, 0.3V  
 OCL: Pins1,2-11,12 33.3uH Min @250KHz, 0.3V, 2.0Adc  
 Q: Pins1,2-11,12 30 Min @250kHz,0.3V  
 LL: Pins1,2-11,12 0.4uH Max @300KHz, 1.0V Short Secs  
 DCR: Pins1,2-11,12 0.085 Ohms Max  
 DCR: Pins5,6-8,7 0.025 Ohms Max  
 DCR: Pins3-10 0.385 Ohms Max  
 Turns Ratio: P1,2-11,12:5,6-8,7:3-10 = 1:0.57:0.35  
 Isolation Voltage: 1500Vrms, Pri&Bias to Sec  
 500Vrms, Pri to Bias

<b>XFMRs, Inc</b> www.XFMRs.com	Title: <b>13W PoE Xfmr</b>		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.20 Dimensions in MM	P/N: XF0376B-EFD15S	REV. A	
	DWN.	Xianyi	Jan-06-11
Scale 2.5:1 SHT 1 OF 1	CHK.	YK Liao	Jan-06-11
	APP.	BW	Jan-06-11