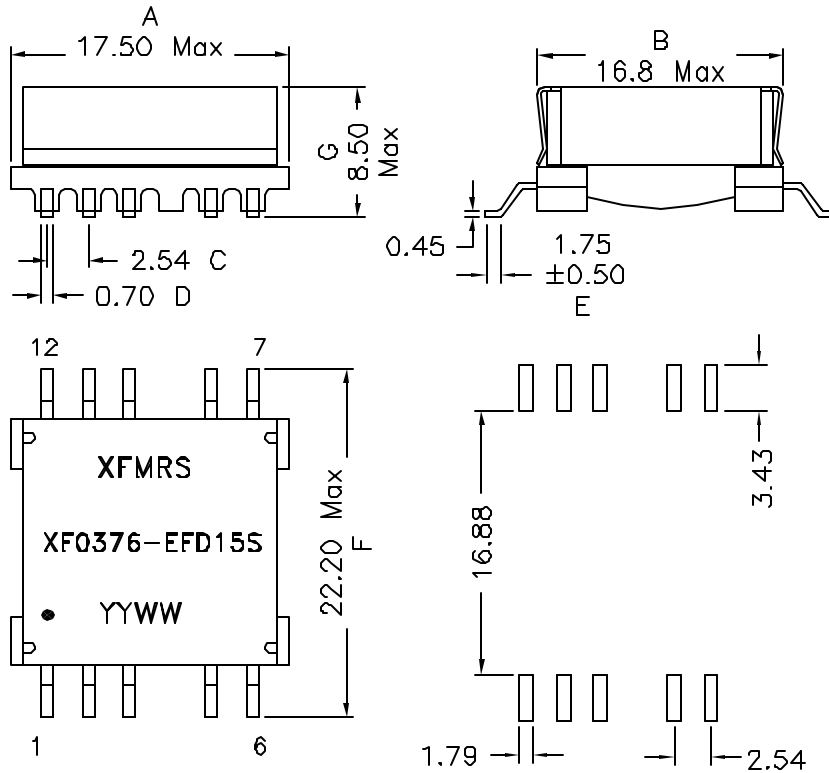


1. Mechanical Dimensions:



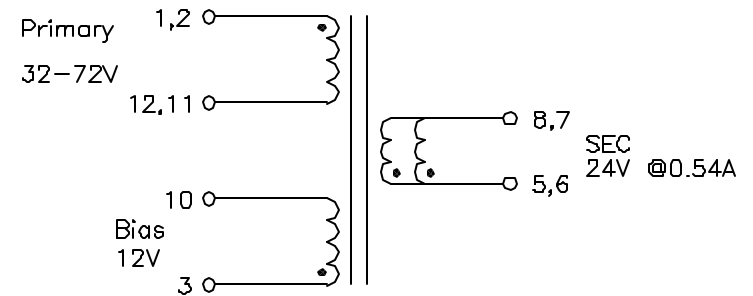
Suggested PCB Layout

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 +125°C
6. Storage Temperature Range: -55°C to +125°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/3

2. Schematic:



3. Electrical Specifications:

OCL: Pins 1,2-11,12 37 μ H \pm 10% @250KHz, 0.3V

Pins 1,2-11,12 33.3 μ H Min @250KHz, 0.3V, 2.0Adc

Q: Pins 1,2-11,12 30 Min @250kHz, 0.3V

LL: Pins 1,2-11,12 0.4 μ H Max @300KHz, 1.0V Short Secs

DCR: Pins 1,2-11,12 0.086 Ohms Max

Pins 5,6-8,7 0.049 Ohms Max

Pins 3-10 0.370 Ohms Max

Turns Ratio: P1,2-11,12:5,6-8,7:3-10 = 1:0.67:0.33

Isolation Voltage: 1500Vrms, Pri&Bias to Sec

500Vrms, Pri to Bias

XFMRS, Inc www.XFMRS.com	Title: 13W PoE Xfmr		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx \pm 0.20 Dimensions in MM	P/N: XF0376-EFD15S	REV. A
	DWN.	Feng	Feb-07-12
	CHK.	YK Liao	Feb-07-12
Scale 2.5:1 SHT 1 OF 1	APP.	Joe Huff	Feb-07-12

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