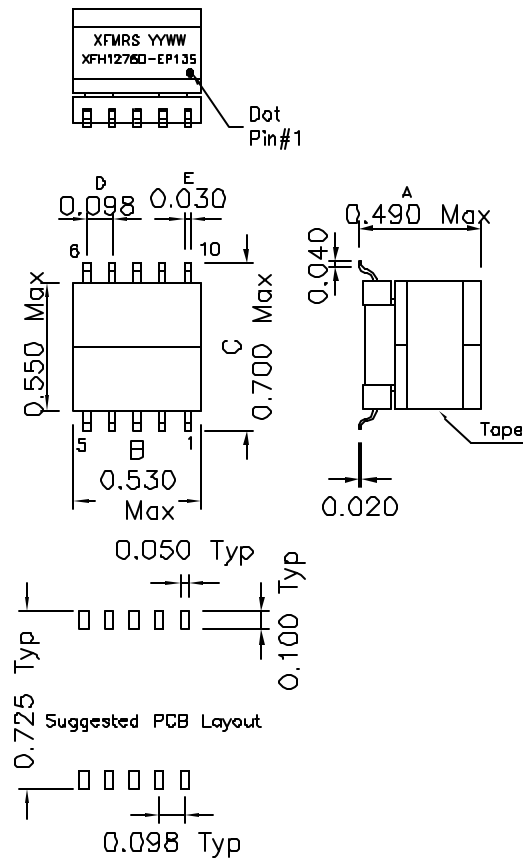


## 1. Mechanical Dimensions:

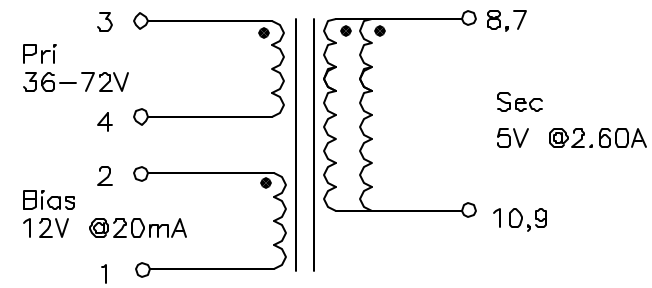


### Notes:

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 -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004$ "(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. 260°C IR Reflow Compatible

DOC. REV: A/3

## 2. Schematic:



## 3. Electrical Specifications:

- OCL: Pins 3-4 127uH $\pm$ 10% @250KHz 0.2V  
 OCL: Pins 3-4 114.3uH Min @250KHz 0.2V, 1Adc  
 LL: Pins 3-4 1.750uH Max @250KHz 0.1V, Short All Else  
 DCR: Pins 3-4 0.222 Ohms Max  
 DCR: Pins 2-1 0.348 Ohms Max  
 DCR: Pins 8,7-10,9 0.039 Ohms Max  
 Turns Ratio: Pins (3-4):(2-1):(8-10):(7-9)= 1:0.5:0.25:0.25  
 Hipot: 1500Vrms Pri & Bias to Sec

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<b>XFMRs Inc</b> www.XFMRs.com	Title: PoE Transformer		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm$ 0.010 Dimensions in INCH	P/N: XFH1276D-EP13S	REV. A	
	DWN.	Juan Mao	Apr-14-08
SHEET 1 OF 1	CHK.	YK Liao	Apr-14-08
	APP.	BW	Apr-14-08