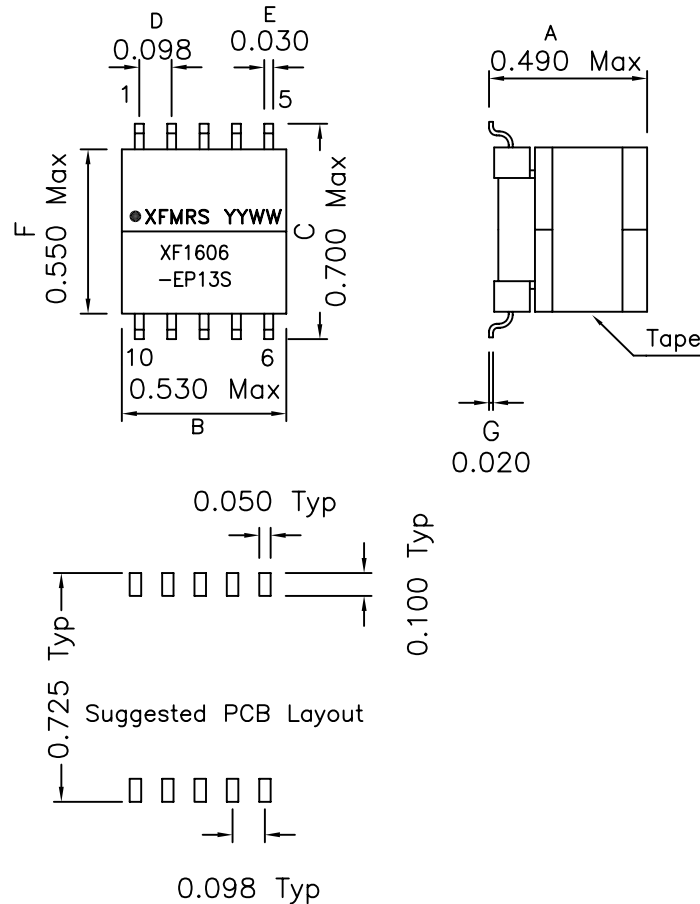


## 1. Mechanical Dimensions:

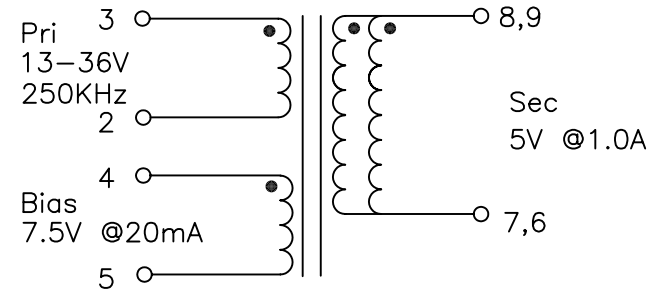


### Notes:

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

DOC. REV: A/1

## 2. Schematic:



## 3. Electrical Specifications:

- OCL: Pins 3-2 160uH $\pm$ 10% @250KHz 0.2V  
 Pins 3-2 144uH Min @250KHz 0.2V, 1Adc
- Q: Pins 3-2 tbd Min @250KHz 0.2V
- LL: Pins 3-2 1.60uH Max @250KHz 0.1V, Short All Else
- DCR: Pins 3-2 0.225 Ohms Max  
 Pins 4-5 0.340 Ohms Max  
 Pins 8,9-7,6 0.078 Ohms Max
- Turns Ratio: Pins (3-2):(4-5):(8,9-7,6)=1:0.25:0.375
- Hipot: 1500Vrms Pri & Bias to Sec

<b>XFMR5 Inc</b> www.XFMR5.com		Title: PoE Transformer	
UNLESS OTHERWISE SPECIFIED		P/N:XF1606-EP13S	REV. A
TOLERANCES: .xxx $\pm$ 0.010		DWN.	Mei Chen Aug-09-10
Dimensions in INCH		CHK.	YK Liao Aug-09-10
SHEET 1 OF 1		APP.	BW Aug-09-10