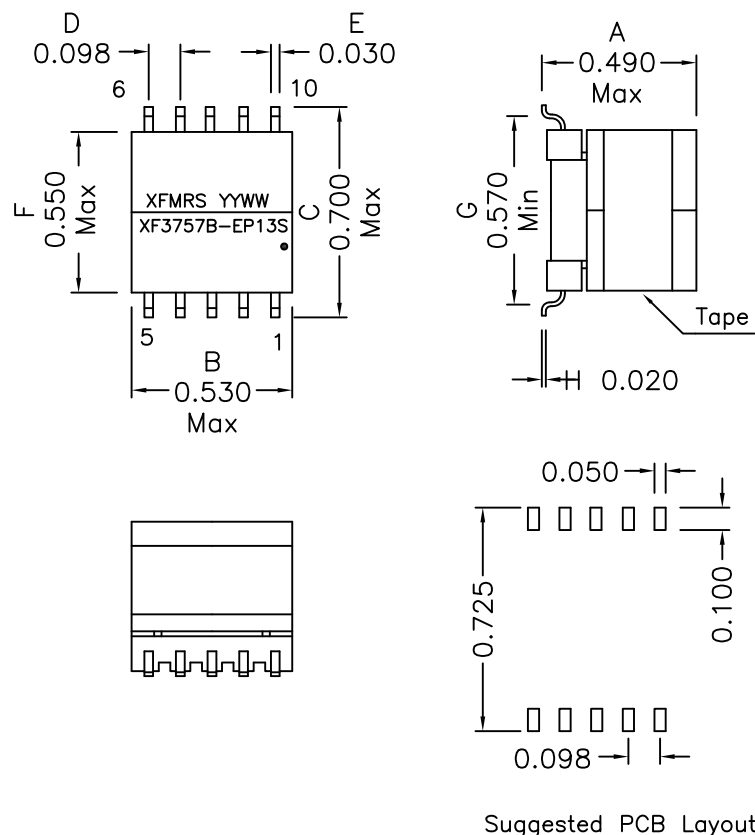
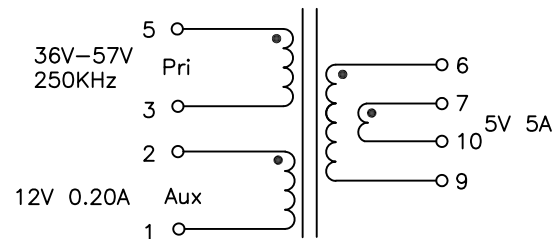


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

- OCL: Pins 5-3 37uH±10% @100KHz, 1.0V
- Q: Pins 5-3 50 Min @100KHz, 1.0V
- LL: Pins 5-3 1.2uH Max @100KHz, 1.0V (Short all else)
- Cww: Pins 1-10 60.0pF Max @100KHz, 1.0V (Short Pri, Sec)
- DCR: Pins 5-3 85mOhms Max
- Pins 6-9 15.5mOhms Max
- Pins 7-10 15.5mOhms Max
- Pins 2-1 105mOhms max
- Turn Ratio: (5-3):(2-1):(6-9):(7-10)  
= 1.000:0.600:0.250:0.250±2%
- Hipot: 1500Vrms Wdg-Wdg, Wdg-Core
- SRF: Pins 5-3 3.50MHz Min

### 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
- All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted.
- 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
- Recommended IR Reflow peak temp of 250C Max.

DOC. REV: A/1

<b>XFMR5 Inc</b> www.XFMR5.com	Title: PoE Transformer		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF3757B-EP13S		REV. A
	DWN.	Yuan	Sep-12-17
SHEET 1 OF 1	CHK.	YK Liao	Sep-12-17
	APP.	BSJ	Sep-12-17

**PROPRIETARY**

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