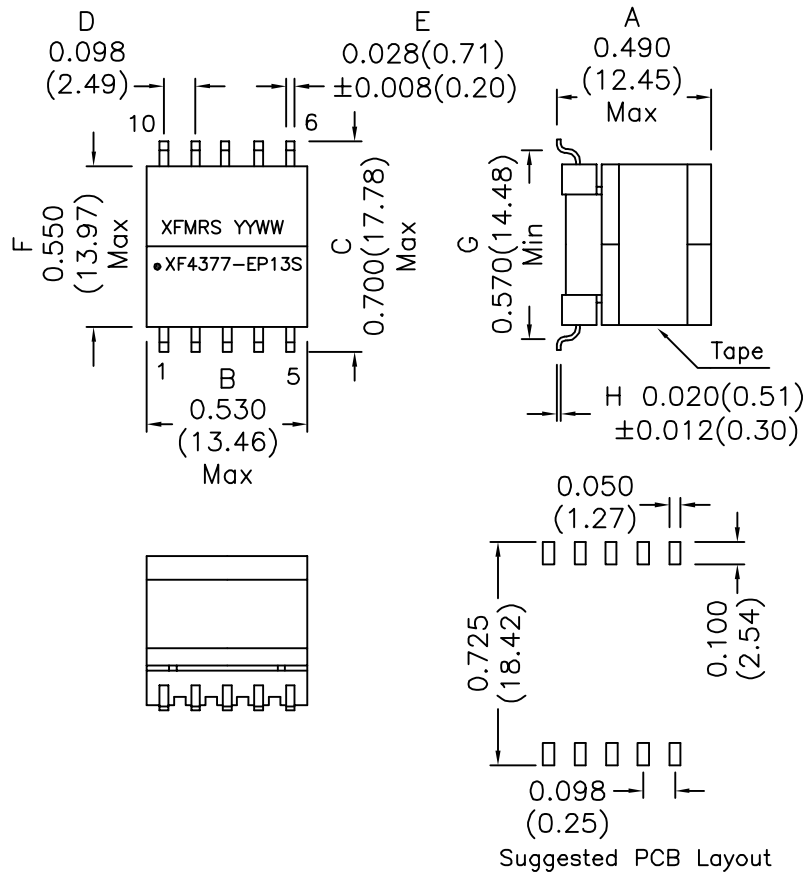
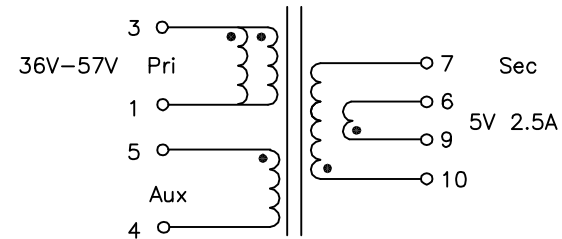


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 3-1 43.7uH±10% @100KHz, 0.1V, 0Adc

Q: Pins 3-1 25 Min @100KHz, 0.1V

LL: Pins 3-1 1.50uH Max @100KHz, 0.1V (Short all else)

Cww: Pins 3-10 100pF Max @100KHz, 0.1V (Short Pri&Aux, Sec)

DCR: Pins 3-1 0.095 Ohms Max

Pins 5-4 0.094 Ohms Max

Pins 10-7 0.018 Ohms Max (0.009 Ohms when tied to 9-6)

Pins 9-6 0.018 Ohms max (0.009 Ohms when tied to 10-7)

Turn Ratio: (3-1):(5-4):(9-6):(10-7)

= 1.000:0.250:0.200:0.200±2%

Hipot: 1500Vrms Pri & Aux to Sec

SRF: Pins 3-1 1.20MHz Min

### Notes:

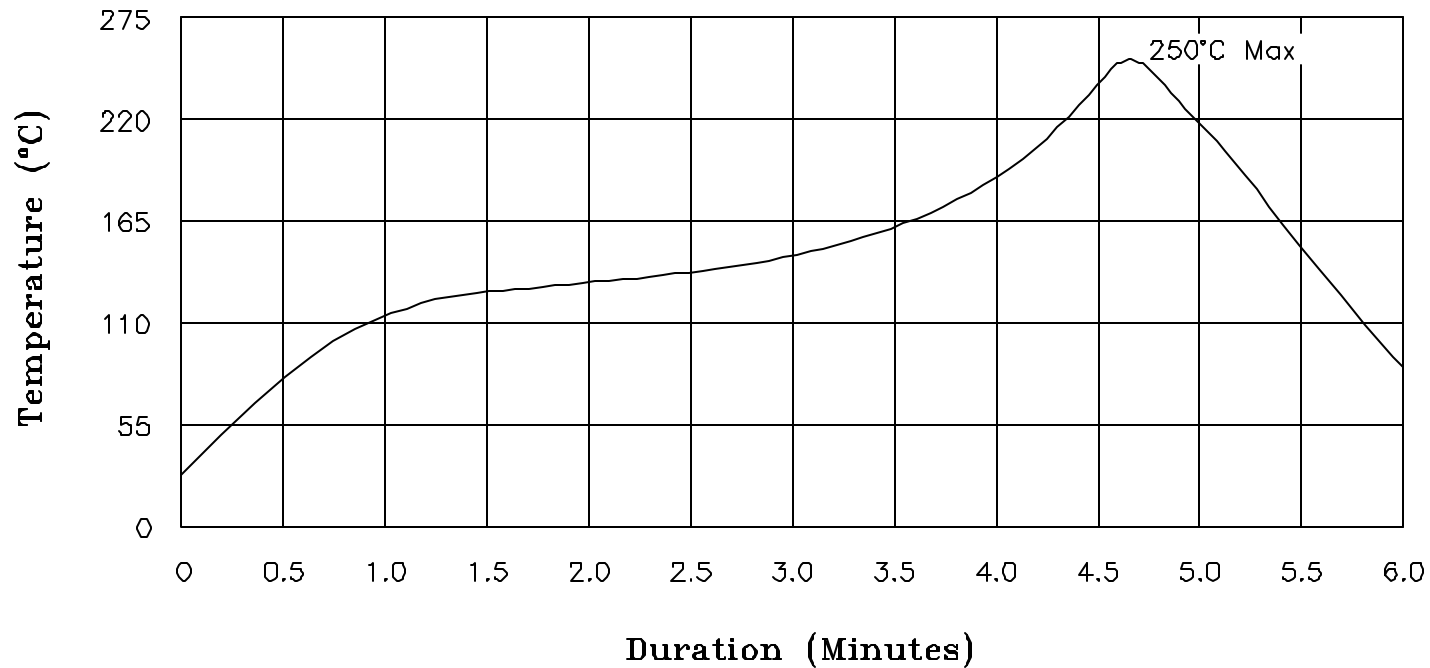
- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range : -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: 0.004"(0.102mm) Max
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250C Max.

DOC. REV: A/2

<b>XFMR5 Inc</b> <a href="http://www.XFMR5.com">www.XFMR5.com</a>	Title: Flyback Transformer		
	UNLESS OTHERWISE SPECIFIED	P/N: XF4377-EP13S	REV. A
TOLERANCES: .xxx ±0.010 (0.25)	DWN.	Huo	Jun-06-18
Dimensions in Inch (mm)	CHK.	YK Liao	Jun-06-18
SHEET 1 OF 1	APP.	DDC	Jun-06-18

# XFMRs

## Recommended Infrared Reflow Temperature Profile for Select Parts



NOTES: Maximum duration at 250°+0/-5° shall be 10-15 seconds.  
 Maximum duration above 217° shall be 50-120 seconds.  
 ALL Temperatures refer to topside of the package, measured on the package body surface.

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>IR REFLOW CHART (250°C)</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: N/A
SHEET 1 OF 1	DWN.	Juan Mao	Dec-20-06
	CHK.	YK Liao	Dec-20-06
	APP.	Joe Huff	Dec-20-06