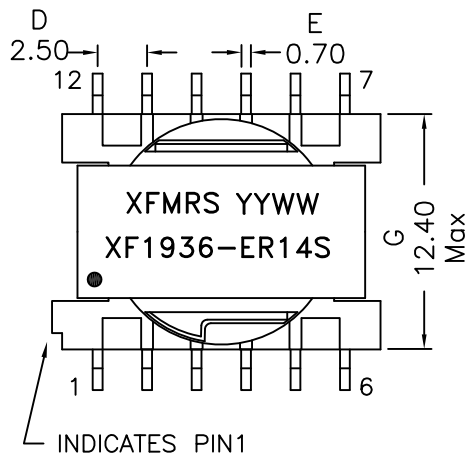
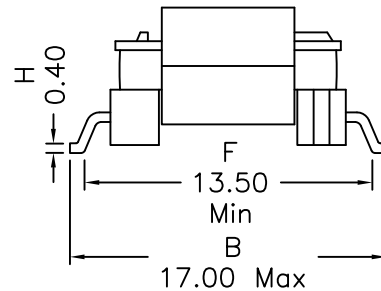
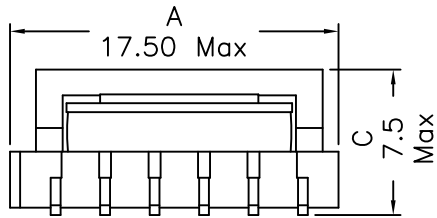


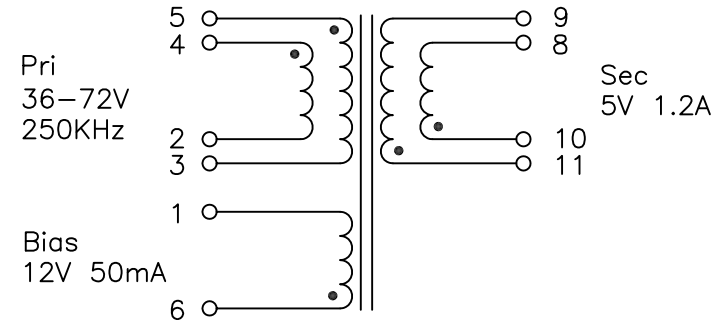
## 1. Mechanical Dimensions:



### 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: All listed parameters are to be within tolerance from -40°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity:  $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

## 2. Schematic:



## 3. Electrical Specifications:

OCL: Pins 5,4-3,2 193uH $\pm 10\%$  @250KHz 0.5V

Q: Pins 5,4-3,2 20 Min @250KHz 0.5V

LL: Pins 5,4-3,2 8.0uH Max @250KHz 0.5V (short all else)

Cw/w: Pins 5-10 70pF Max @250KHz 0.5V (Short Pri&Bias; Sec)

DCR: Pins 5-3 0.610 Ohms Max

Pins 4-2 0.840 Ohms Max

Pins 6-1 0.660 Ohms Max

Pins 11-9 0.138 Ohms Max

Pins 10-8 0.138 Ohms Max

Turns Ratio: (5-3):(4-2):(11-9):(10-8):(6-1)

= 1.0:1.0:0.143:0.143:0.343 $\pm 2\%$

Isolation: 1500Vrms Pri&Bias to Sec, 60s

SRF: Pins 5,4-3,2 780KHz Min

DOC. REV A/1

<b>XFMRS Inc</b> www.XFMRS.com	Title: Flyback Transformer		
	UNLESS OTHERWISE SPECIFIED	P/N: XF1936-ER14S	REV. A
TOLERANCES: .xx $\pm 0.25$	DWN.	Xiang	Apr-11-16
Dimensions in mm	CHK.	YK Liao	Apr-11-16
SHEET 1 OF 1	APP.	DDC	Apr-11-16