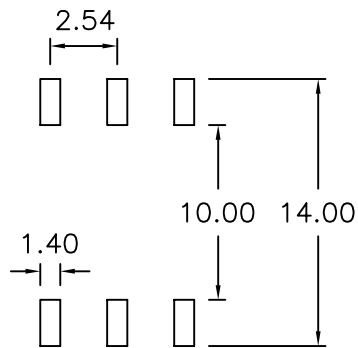
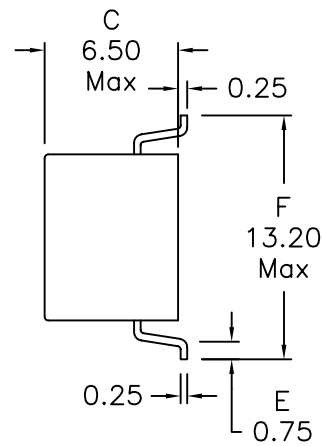
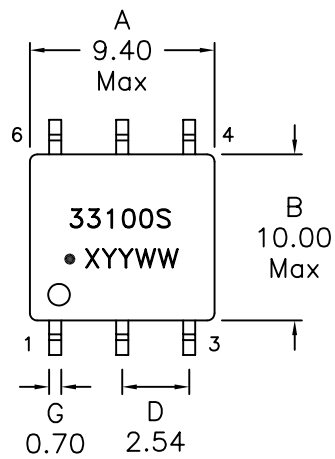


## 1. Mechanical Dimensions:

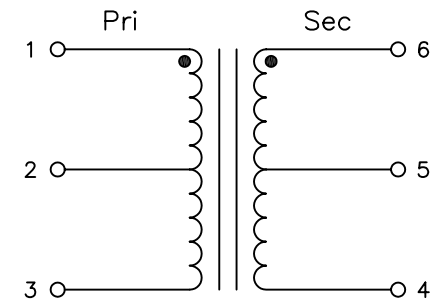


SUGGESTED PCB LAYOUT

### 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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-3 3.0mH Min @100KHz 0.1V

Q: Pins 1-3 5 Min @10KHz 50mV

LL: Pins 1-3 2.7uH Max @100KHz 0.1V, Short Sec

Cw/w: Pins 1-6 50pF Max @100KHz 0.1V

ET Constant: Pins 1-3 20V/uS Min

DCR: Pins 1-3 1.25 Ohms Max

Pins 6-4 1.25 Ohms Max

Pins 1-2 0.62 Ohms Max

Pins 2-3 0.62 Ohms Max

Pins 6-5 0.62 Ohms Max

Pins 5-4 0.62 Ohms Max

Turns Ratio: (1-3) : (6-4) = 1 : 1±2%

(1-2) : (6-5) = 1 : 1±2%

Isolation: 1500Vrms, Pri to Sec

Doc. Rev: A/1

<b>XFMRs Inc</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: PULSE TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF00331-00S	REV. A
SHT 1 OF 1	DWN.	Feng	Aug-16-11
	CHK.	YK Liao	Aug-16-11
	APP.	BW	Aug-16-11