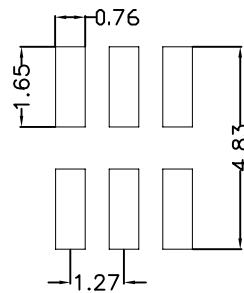
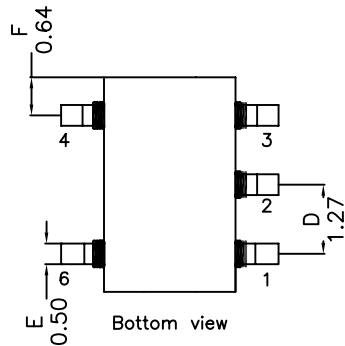
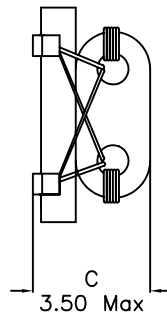
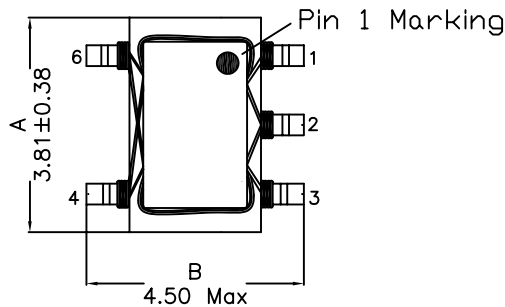


## 1. Mechanical Dimensions:

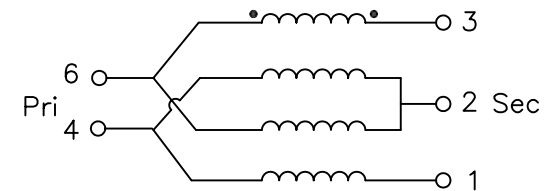


PCB Layout

### 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 +100°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested

## 2. Schematic:



## 3. Electrical Specifications: @25°C

Frequency Range: 10–1900MHz

Insertion Loss: 3dB Max @10–1900MHz

2dB Max @20–1000MHz

1dB Max @30–700MHz

Amplitude Unbalance: 0.3dB Typ @1dB bandwidth

0.5dB Typ @2dB bandwidth

Phase Unbalance: 4° Typ @1dB bandwidth

6° Typ @2dB bandwidth

Insertion Loss: 1.0dB Typ, Referenced to mid-band loss

Impedance: Sec: Pri=4

RF Power: 0.25W

DC Current: 120mA

DOC. REV: A/4

<b>XFMRs Inc</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: FR TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFWBC4-19G2	REV. A
SHEET 1 OF 1	DWN.	Feng	Dec-30-10
	CHK.	YK Liao	Dec-30-10
	APP.	BW	Dec-30-10