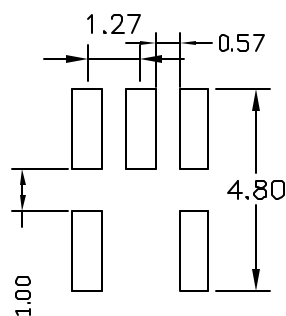
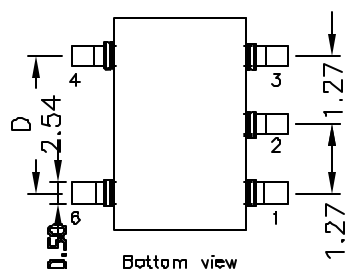
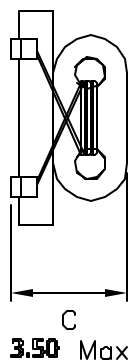
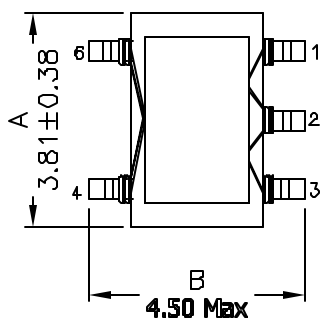


1. Mechanical Dimensions:



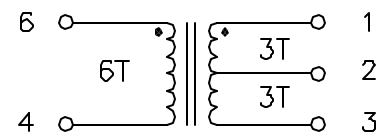
PCB Layout

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. SMD Lead Coplanarity: $\pm 0.004^{\circ}$ (0.102mm)
9. Moisture Sensitivity: Level 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC REV: C/1

2. Schematic:



3. Electrical Specifications: @25°C

Frequency Range: 0.4–500MHz

Insertion Loss: 3dB Max @0.4–500MHz

Insertion Loss: 2dB Max @0.5–300MHz

Insertion Loss: 1dB Max @1.0–100MHz

Amplitude Unbalance: 0.1dB @1.0–100MHz

Amplitude Unbalance: 0.5dB @0.4–500MHz

Phase Unbalance: 1° Max @1.0–100MHz

Phase Unbalance: 5° Max @0.4–500MHz

Insertion Loss: 0.35dB Typ, Referenced to mid-band loss

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XFMRS INC. www.XFMRS.com	Title: TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED		P/N: XFWBC1-1T
TOLERANCES: .xx ±0.25	DWN.	Juan Mao	REV.C Dec-20-07
Dimensions in MM	CHK.	YK Liao	Dec-20-07
SHT 1 OF 1	APP.	BW	Dec-20-07