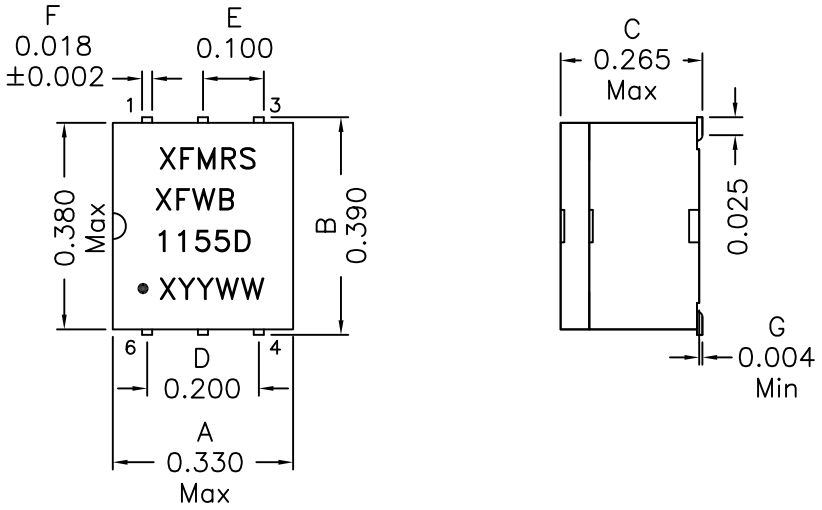
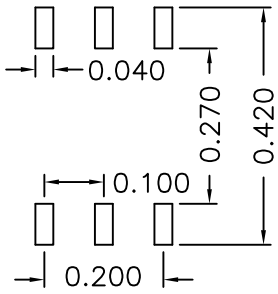
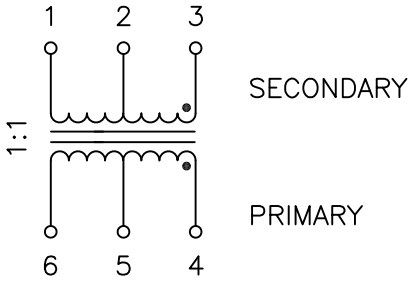
1. Mechanical Dimensions:





SUGGESTED PCB LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1–3 90uH Min @100KHz 50mV

Q: Pins 1–3 5 Min @10KHz 50mV

TURNS RATIO: Pins (6–4):(1–3)=1:1±3%

IMPD RATIO: Pins (6–4):(1–3)=1:1

BANDWIDTH: 3dB, 0.004MHz–500MHz

INSERTION LOSS: 3dB Typ @0.004MHz–500MHz

INSERTION LOSS: 2dB Typ @0.02MHz–200MHz

INSERTION LOSS: 1dB Typ @0.1MHz–50MHz

ISOLATION: 300Vac

NOTE: THE IMPEDANCE IS ALL REFERRED TO A 50 OHMS SYSTEM

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. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250°C Max

DOC REV: B/1

XFMRS Inc www.XFMRS.com	Title: RF WIDEBAND TRANSFORMERS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XFWB1155–DO		REV. A
	DWN.	Yuan	Apr–17–14
	CHK.	YK Liao	Apr–17–14
SHEET 1 OF 1	APP.	DDC	Apr–17–14