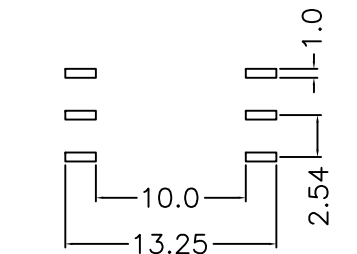
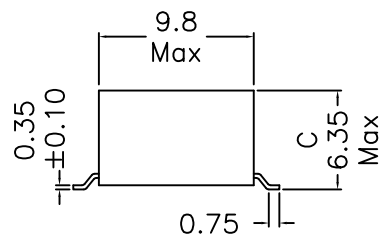
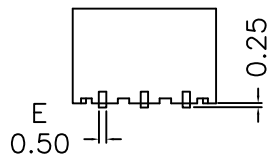
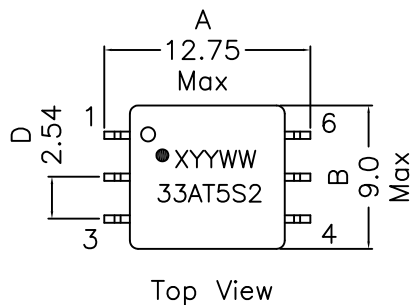
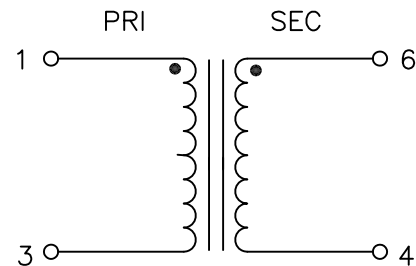


1. Mechanical Dimensions:



SUGGESTED PCB LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

HIPOT: 2000Vac, PRI to SEC

URNS RATIO: (PRI):(SEC)=1:1±3%

PRI OCL: 2.5mH±30% 100KHz 50mV

PRI OCL: 1.5mH Min 100KHz 50mV at -40C

PRI Q: 8 Min @ 10KHz 50mV

LL: 0.50uH Max 100KHz 50mV, Short SEC

ET CONSTANT: 20V/uS

RISE TIME: 25nS Max

BANDWIDTH: 100KHz to 55MHz Typ

RETURN LOSS: 20dB Typ, 300KHz-10MHz

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. All listed parameters are to be within tolerance from -40C to +85C unless otherwise noted.
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: A/3

XFMRs Inc www.XFMRs.com	Title: DIGITAL AUDIO TRANSFORMERS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.25 Dimensions in mm	P/N: XF0033AT-5S2	REV. A
SHEET 1 OF 1	DWN.	Yuan	Jan-09-15
	CHK.	YK Liao	Jan-09-15
	APP.	DDC	Jan-09-15

PROPRIETARY

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