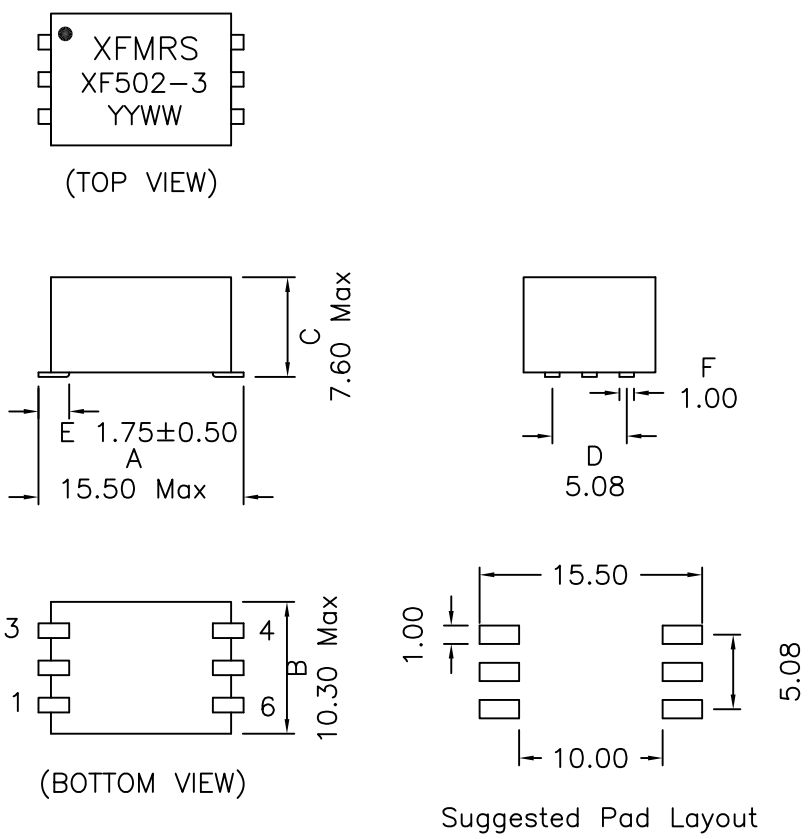
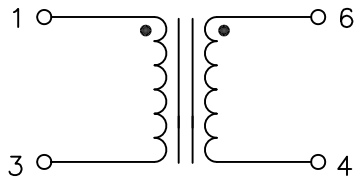
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

Inductance: Pins 1–3 3.5H Min @200Hz, 0.78V Lp Scale
Leakage L: Pins 1–3 7mH Max @1KHz, 0.78V (short 4–6)
Reflects 600 Ohms at PRI with 600 Ohms Load on SEC
DC Res: Pins 1–3 115 Ohms±15%
Pins 4–6 115 Ohms±15%
Frequency Response: ±0.25dB Max @200–4000Hz, 0dBm
Insertion Loss: 2.0dB Max @2KHz, 0dBm
Return Loss: 14dB Min @200–4000Hz, 0dBm
THD: –76dB Max @600Hz –10dBm
Longitudinal Balance: 80dB Min @60Hz–4000Hz, 0dBm
Turns Ratio: Pins (1–3):(6–4) = 1:1±2%
HIPOT: 3000Vac, Wdg to Wdg

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 235C Max.

DOC. REV: A/3

XFMRS Inc www.XFMRS.com	Title: Modem Xfmr		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.20 Dimensions in MM	P/N: XF502–3		REV. A
	DWN.	Yuan	Oct–23–13
	CHK.	YK Liao	Oct–23–13
SHEET 1 OF 1	APP.	DDC	Oct–23–13

PROPRIETARY Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.