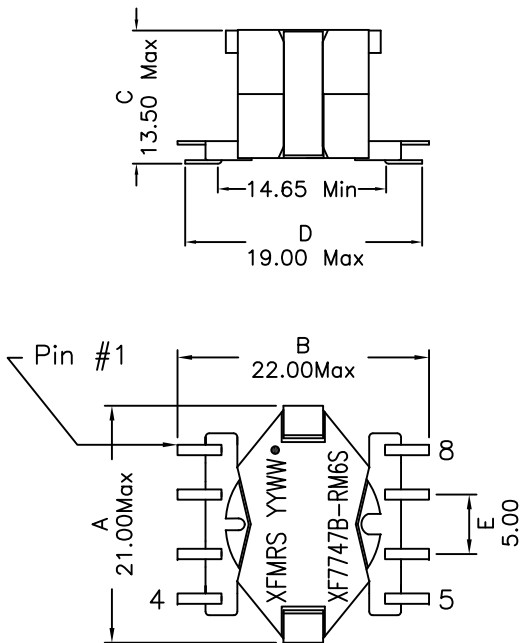
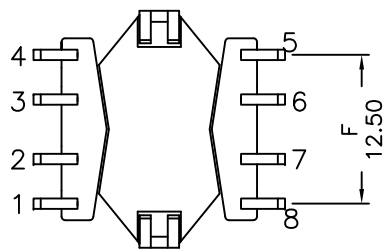


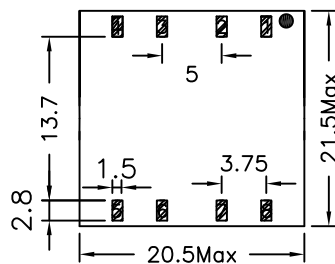
1. Mechanical Dimensions:



TOP VIEW

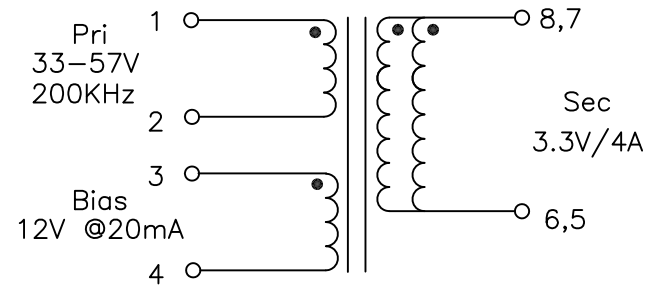


BOTTOM VIEW



TOP VIEW

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-2 77.4uH±10% @200KHz, 0.1V

Q: Pins 1-2 40 Min @200KHz, 0.1V

LL: Pins 1-2 2.5uH Max @200KHz, 0.1V (Short Sec)

Cw/w: Pins 1-8 100pF Max @100KHz, 0.1V

(Short Pri & Bias; Sec)

DCR: Pins 1-2 115 mOhms Max

Pins 7-5 16.5 mOhms Max

Pins 8-6 16.5 mOhms Max

Pins 3-4 300 mOhms Max

Turns Ratio: (1-2):(3-4):(7-5):(8-6)=1.000:0.682:0.182:0.182±2%

Hipot: 1500Vrms, Pri & Bias to Sec

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class H 180°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.

| | | |
|--|--------------------|-----------|
| XFMRs Inc www.XFMRs.com | Title: INDUCTOR | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm | P/N: XF7747B-RM6S | REV. A |
| | DWN. Yuan | Dec-25-13 |
| SHEET 1 OF 1 | CHK. YK Liao | Dec-25-13 |
| | APP. BSJ | Dec-25-13 |

DOC. REV: A/1

PROPRIETARY

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