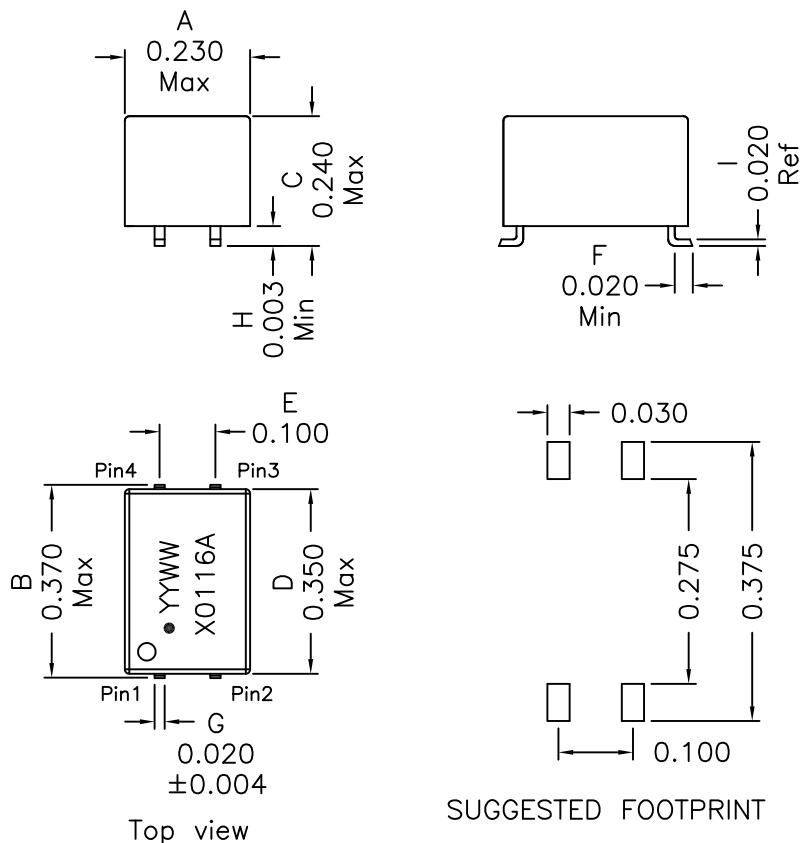


1. Mechanical Dimensions:

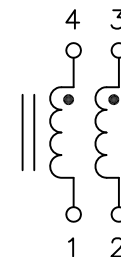


Notes:

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 -40°C to +125°C 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.

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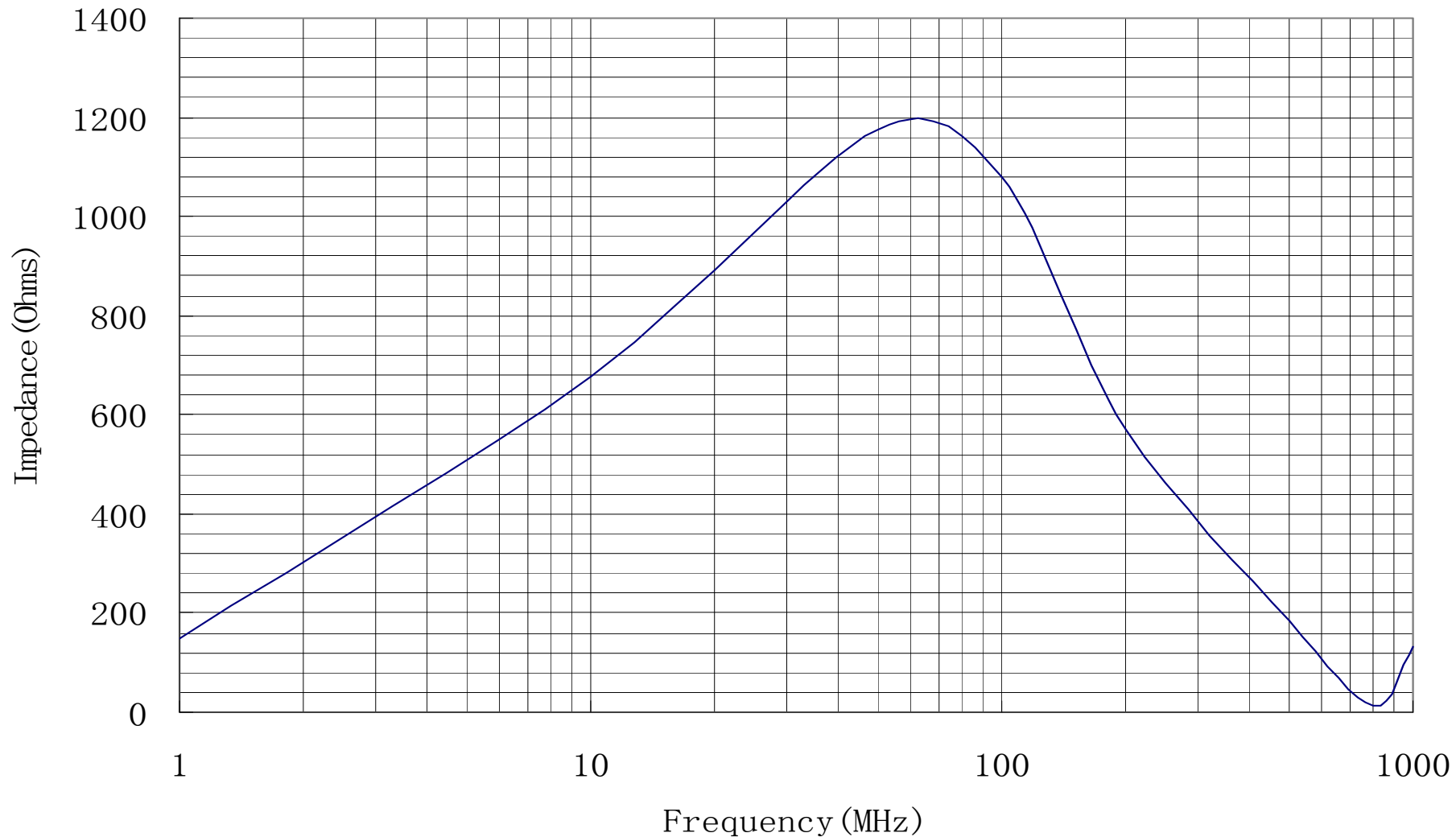
2. Schematic:



3. Electrical Specifications: @25°C

- OCL: 11uH Min @100KHz, 50mV (Each Wdg)
- Q: 5 Min @10KHz, 50mV (Each Wdg)
- LL: Pins 1-4 1.0uH Typ 100KHz, 0.1V, Short P2+3
- Rated current: 800mA
- DCR: 0.120 Ohms Max (Each Wdg)
- Turns Ratio.: (1-4):(2-3)=1:1±2%
- Isolation: 250Vac, 2Sec, 0.5mA
- Impedance: 800 Ohms Typ @200MHz

| | | | |
|--|----------------------------|-------------------|-----------|
| XFMRs Inc www.XFMRS.com | Title: Common Mode Choke | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XF0116A-00SM | REV. A |
| TOLERANCES: .xxx ±0.010 | DWN. | Yuan | Dec-30-14 |
| Dimensions in Inch | CHK. | YK Liao | Dec-30-14 |
| SHEET 1 OF 2 | APP. | BSJ | Dec-30-14 |



DOC. REV: A/1

| | | | |
|-----------------------------------|---|---------|-------------------|
| XFMRs Inc www.XFMRS.com | Title: Common Mode Choke | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch | | P/N: XF0116A-00SM |
| SHEET 2 OF 2 | DWN. | Yuan | Dec-30-14 |
| | CHK. | YK Liao | Dec-30-14 |
| | APP. | BSJ | Dec-30-14 |

PROPRIETARY

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