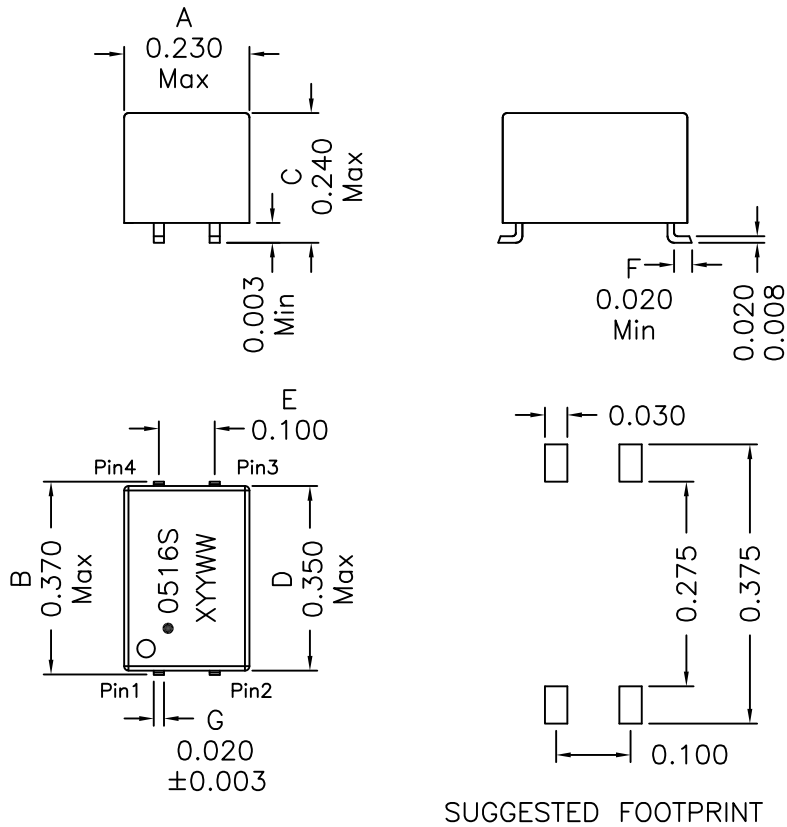


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specifications: @25°C

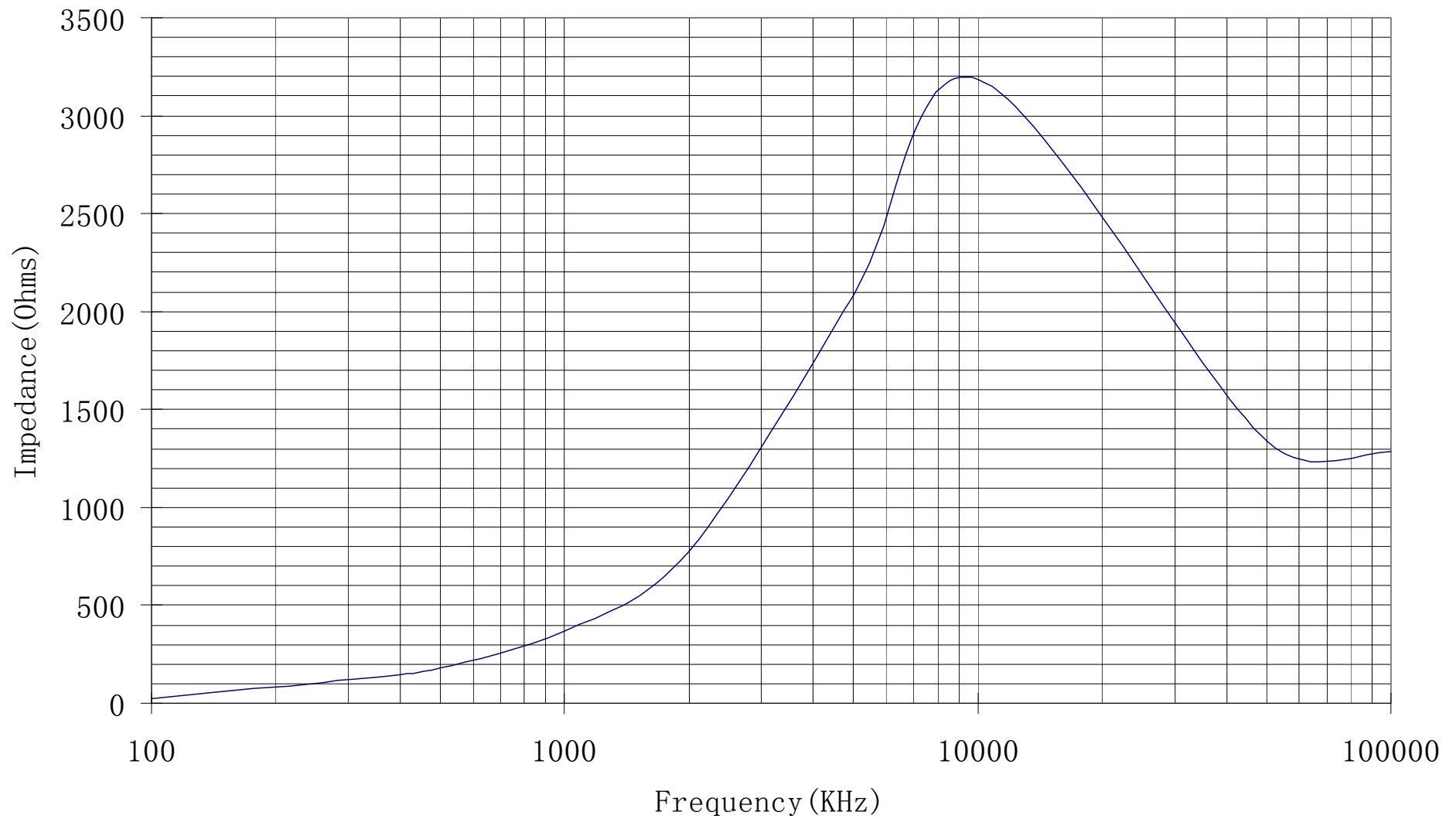
- OCL: 51uH±30% @100KHz, 100mV each wdg  
15uH Min @100KHz, 100mV (-40°C to +125°C)
- Q: 5 Min @10KHz, 50mV
- Rated Current: 1000mA Max
- DCR: 0.16 Ohms Max each wdg
- LL: Pins 1-4 2uH Max @100KHz, 100mV
- Cw/w: Pins 1-2 5 pF Max @100KHz, 100mV
- Insulation test voltage: 1000Vac Max
- Rated Voltge: 80Vdc

**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  
Ambient temperature: -40°C to +85°C
6. Storage Temperature Range: -20°C to +40°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/2

<b>XFMRs Inc.</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0516S-00SM	REV. A
	DWN.	Xiang	Oct-12-15
	CHK.	YK Liao	Oct-12-15
SHEET 1 OF 2	APP.	DDC	Oct-12-15



DOC. REV: A/2

<b>XFMRs Inc.</b> www.XFMRS.com	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XF0516S-00SM REV. A
SHEET 2 OF 2	DWN.	Xiang	Oct-12-15
	CHK.	YK Liao	Oct-12-15
	APP.	DDC	Oct-12-15