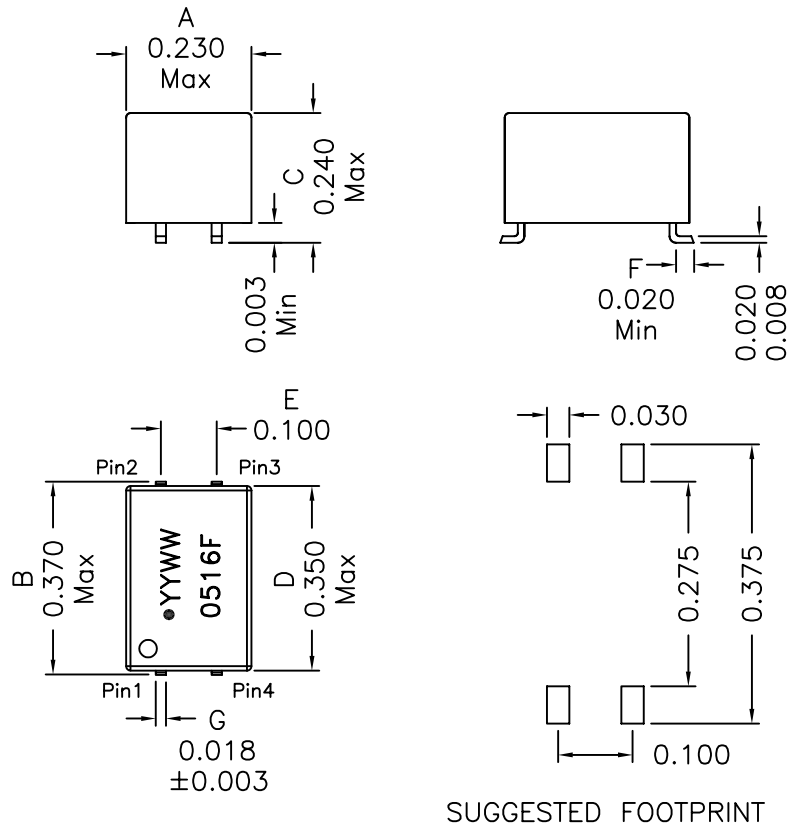


## 1. Mechanical Dimensions:

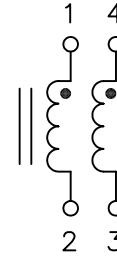


SUGGESTED FOOTPRINT

### 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 0°C to +85°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

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-2 51uH±30% @100KHz, 0.1V (0°C to +85°C)

Pins 1-2 25uH Min @100KHz, 0.1V (-40°C to 0°C)

Q: Pins 1-2 10 Min @100KHz, 0.1V

LL: Pins 1-2 2.7uH Max @100KHz, 0.1V (short 4-3)

Rated Voltage: 80Vdc / 42Vac

Rated Current: 0.5Aac

DC Res.: 0.180 Ohms Max each wdg.

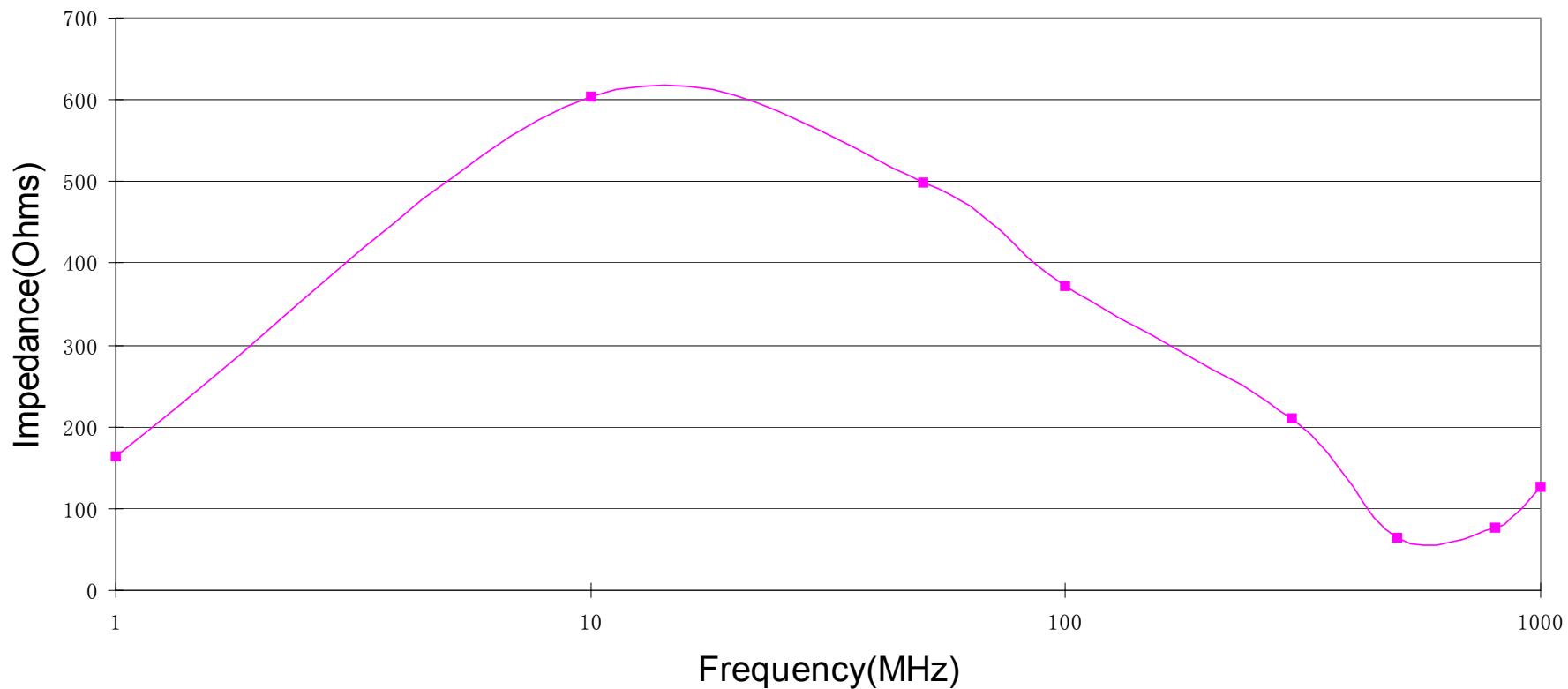
Isolation resistance: 100 MOhms Min

Isolation: 250Vrms

DOC. REV: B/2

<b>XFMR5 Inc.</b> <a href="http://www.XFMR5.com">www.XFMR5.com</a>	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0516F-00SM	REV. B
SHT 1 OF 2	DWN.	Feng	Jun-08-12
	CHK.	YK Liao	Jun-08-12
	APP.	BW	Jun-08-12

# XF0516F-00SM



DOC. REV: B/2

<b>XFMRs Inc</b> www.XFMRS.com		Title: <b>Common Mode Choke</b>		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0516F-00SM		REV. B	
	DWN.	Feng	Jun-08-12	
	CHK.	YK Liao	Jun-08-12	
SHT 2 OF 2	APP.	BW	Jun-08-12	

**PROPRIETARY**

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