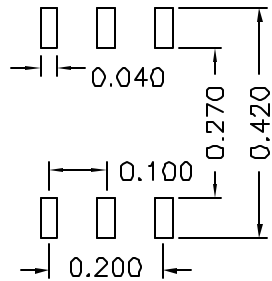
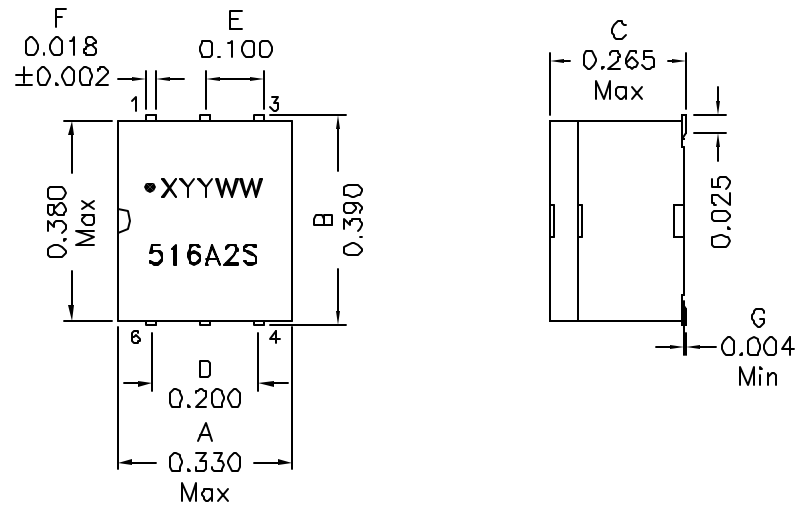


1. Mechanical Dimensions:

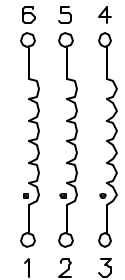


SUGGESTED PCB LAYOUT

Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151558
- Operating Temperature Range: -40°C to +125°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

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-6 51uH Min @100KHz 0.1V, @25°C

OCL: Pins 1-6 36uH Min @100KHz 0.1V, @-40 to +125°C

Q: Pins 1-6 5 Min @10KHz 50mV

LL: Pins 1-6 2.0uH Typ @100KHz 0.1V, Short Pins 2,3,4,5

DCR: 0.160 Ohms Typ, Each Wdg

Rated Current: 0.5 Amps

Rated Voltage: 42Vac/80Vdc

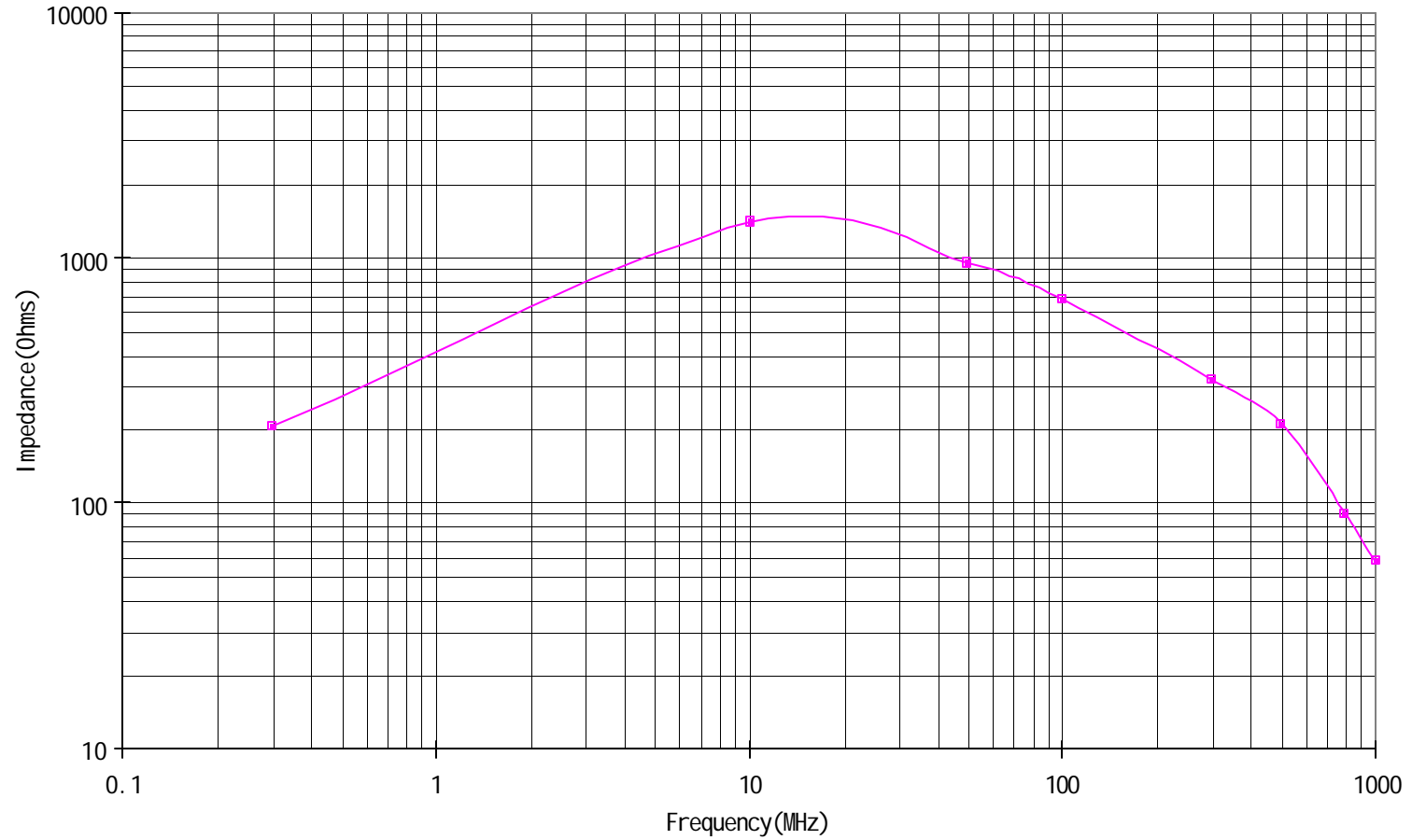
TURNS RATIO: Pins (1-6):(2-5):(3-4)=1:1:1±3%

ISOLATION: 250Vac, Wdg to Wdg

DOC. REV: B/1

XFMRS Inc www.XFMRS.com		Title: Common Mode Choke	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0516A-2S	REV. B	
	DWN.	Feng	Mar-16-12
SHEET 1 OF 2	CHK.	YK Liao	Mar-16-12
	APP.	Joe Huff	Mar-16-12

XF0516A-2S



DOC. REV: B/1

XFMRs Inc www.XFMRS.com	Title: Common Mode Choke		
	P/N: XF0516A-2S		REV. B
UNLESS OTHERWISE SPECIFIED	DWN.	Feng	Mar-16-12
TOLERANCES: .xxx ±0.010	CHK.	YK Liao	Mar-16-12
Dimensions in INCH	APP.	Joe Huff	Mar-16-12
SHEET 2 OF 2			

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