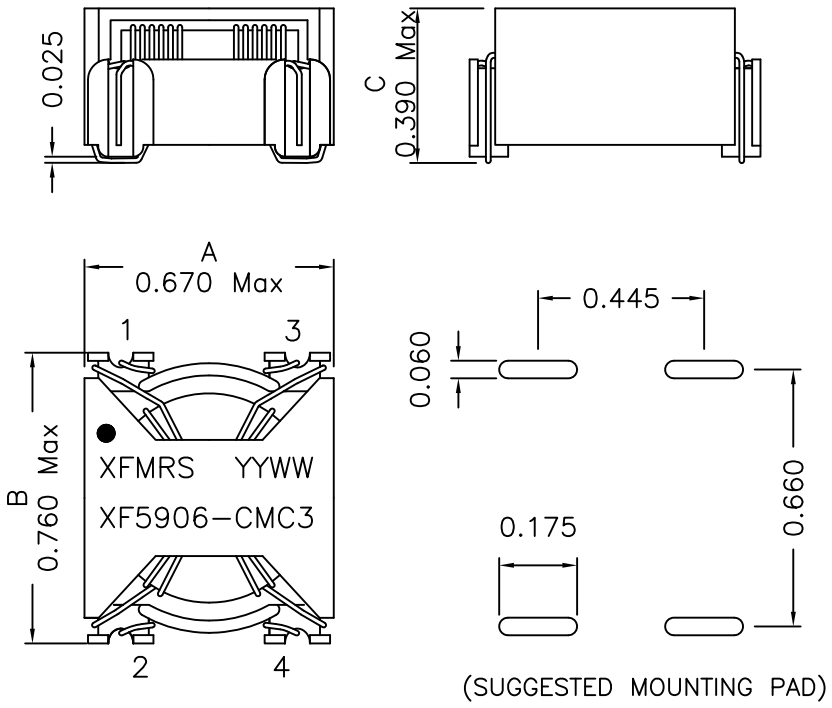
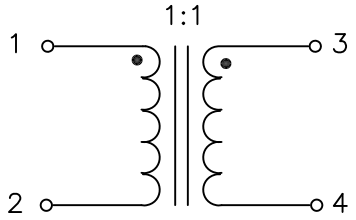
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specification: @25C

Turns Ratio: 1:1±2%

OCL: Pins 1−2 0.590mH±25% @10KHz 1.0V

OCL: Pins 1−2 0.3mH Min @10KHz 1.0V, −40°C

Q: Pins 1−2 6 Min @10KHz 1.0V

LL: Pins 1−2 3.0uH Min @10KHz 1.0V

DCR: Pins 1−2 0.020 Ohms Max

Rated Current (For 55°C Rise): 5.6 A

SRF: Pins 1−2 800KHz Min

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. Operating Temperature: −40°C to +120°C
6. Storage Temperature Range: −55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: 0.004"(0.102mm) Max
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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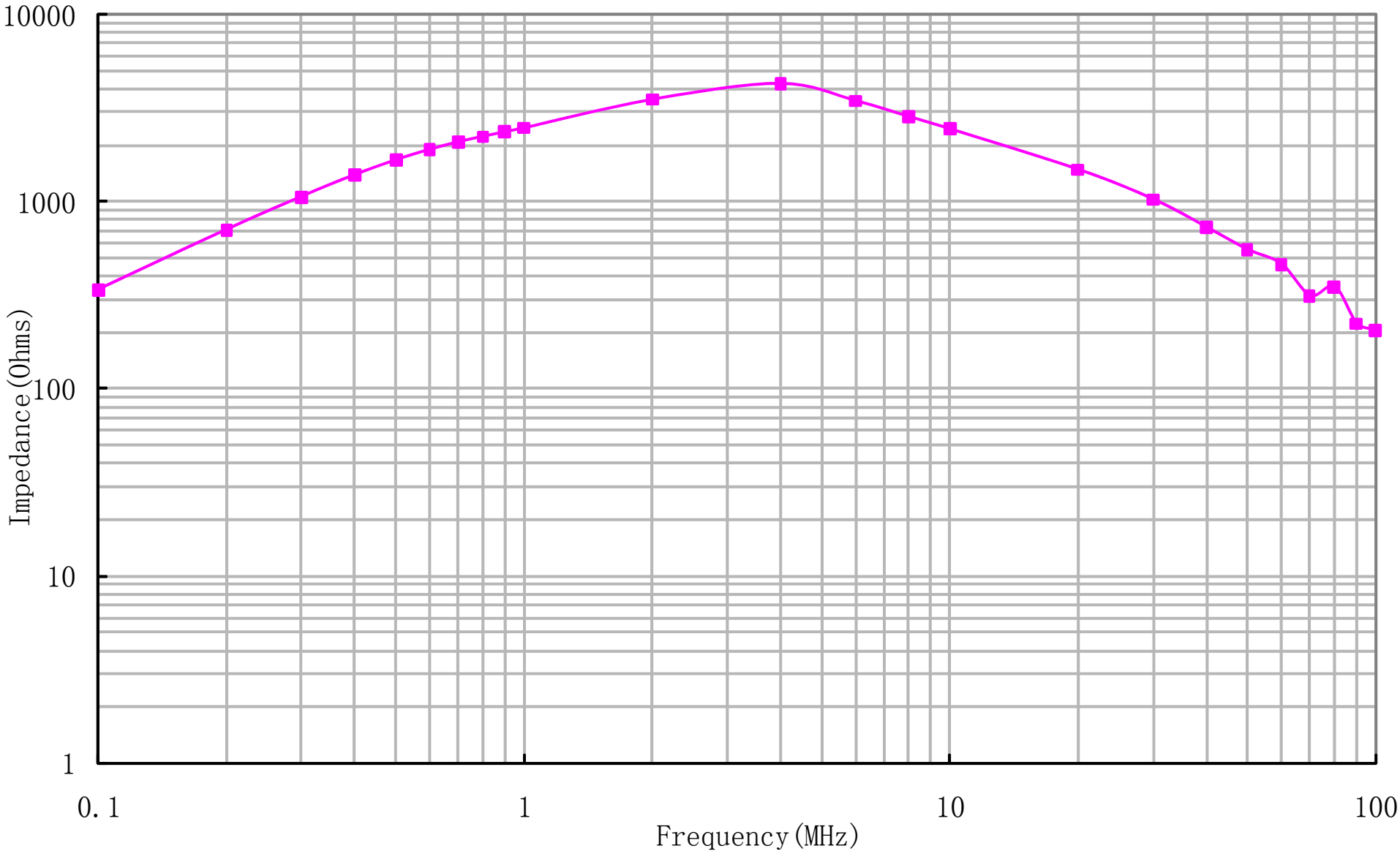
XFMRS Inc www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF5906−CMC3		REV. A
	DWN.	Huo	Sep−27−17
	CHK.	YK Liao	Sep−27−17
SHEET 1 OF 1	APP.	BSJ	Sep−27−17



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