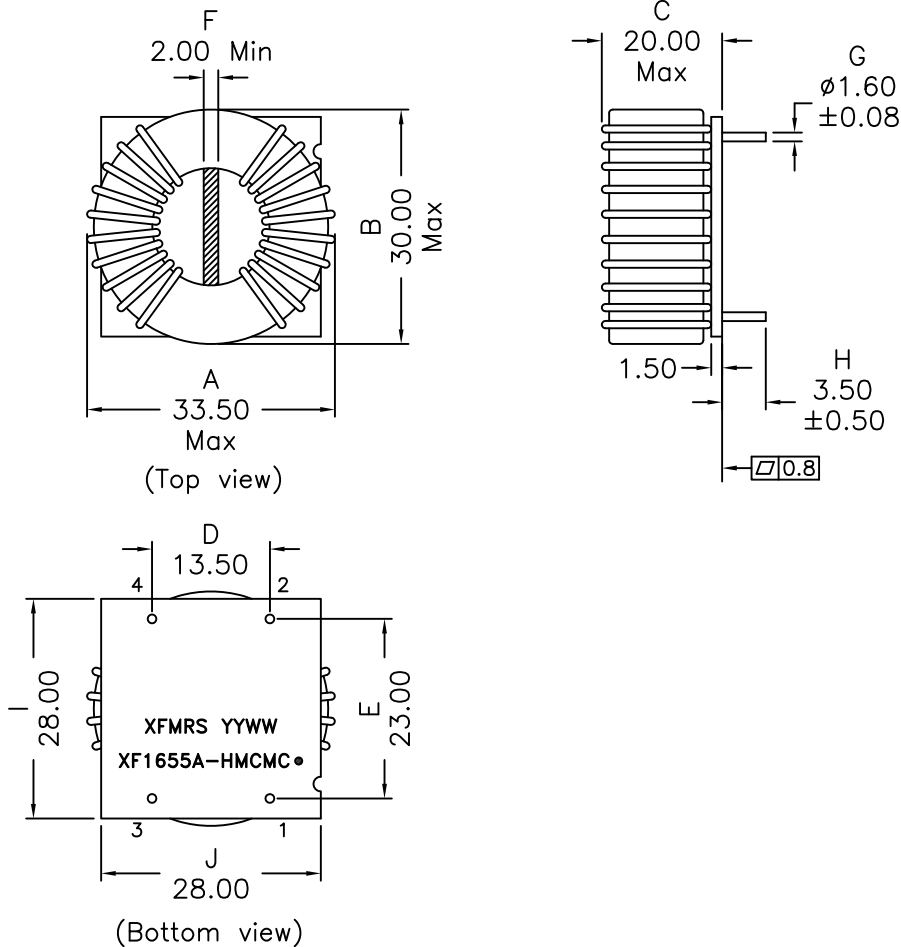


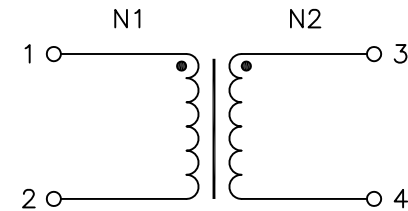
## 1. Mechanical Dimensions:



### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +60°C
- Storage Temperature Range: -40°C to +85°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 1-2 1.65mH+50%/-30% @10KHz 480mV  
 Pins 1-2 0.46mH+50%/-30% @100KHz 480mV

Q: Pins 1-2 1.5 Min @10KHz 480mV

LL: Pins 1-2 3.6uH Max @100KHz 0.1V, Short Sec

Z: Pins 1-2 110 Ohms Typ @10KHz 480mV

Pins 1-2 410 Ohms Typ @100KHz 480mV

DCR: Pins 1-2 3.0 mOhms Max

Pins 3-4 3.0 mOhms Max

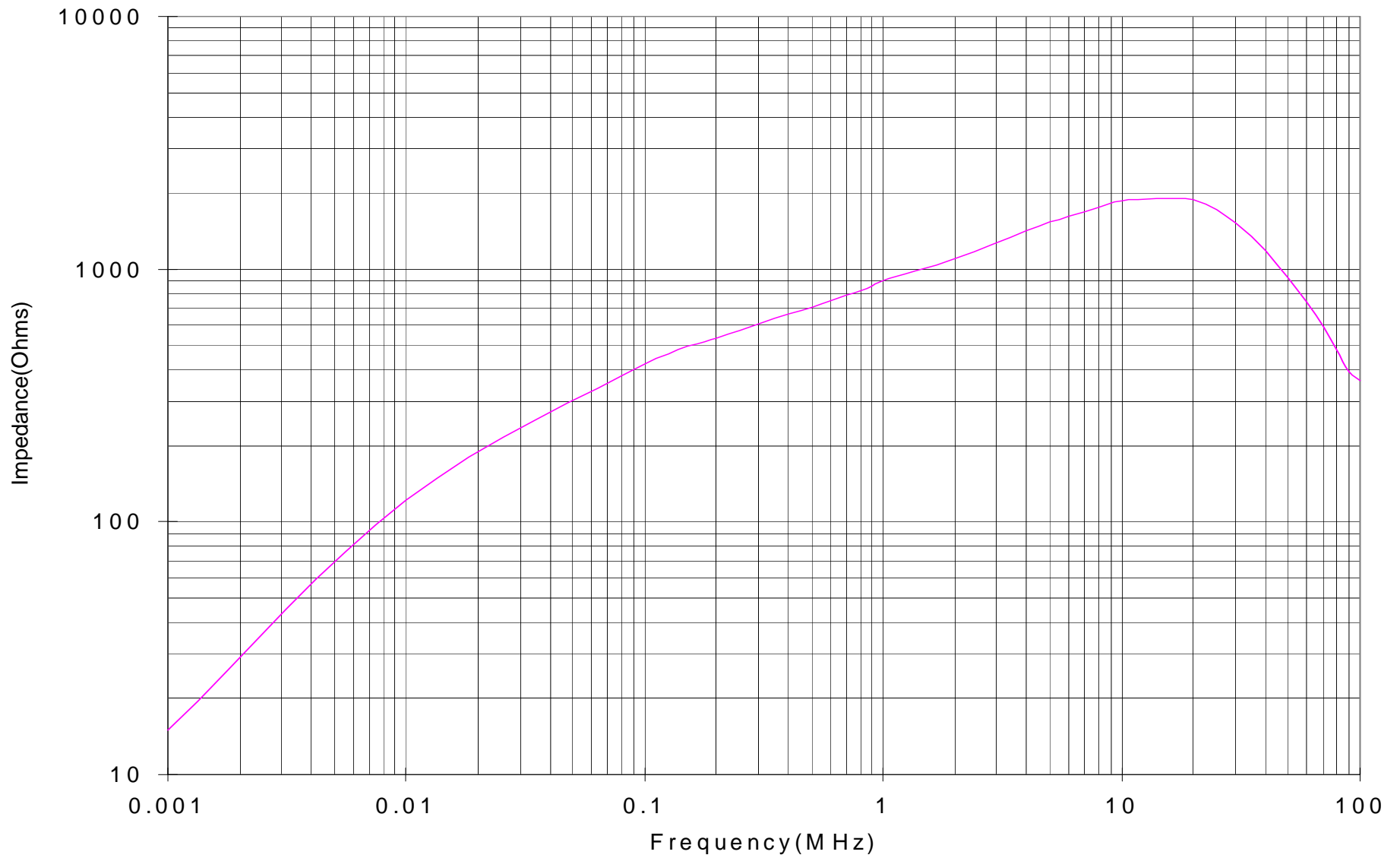
Ratings: 20.0A, 250V

Turns Ratio: (1-2):(3-4) = 1:1±5%

Hipot: 2500Vac Pri to Sec, 2s

DOC. REV: A/2

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>COMMON MODE CHOKE</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XF1655A-HMCMC	REV. A
SHEET 1 OF 2	DWN.	Yuan	Jul-03-13
	APP.	Joe Huff	Jul-03-13



DOC REV: A/2

**XFMRs Inc**  
www.XFMRS.com

Title:  
**COMMON MODE CHOKE**

UNLESS OTHERWISE SPECIFIED

P/N: XF1655A-HMCMC

REV. A

TOLERANCES:

DWN.

Yuan

Jul-03-13

.xx ±0.30

Dimensions in MM

CHK.

YK Liao

Jul-03-13

SHEET 2 OF 2

APP.

Joe Huff

Jul-03-13

**PROPRIETARY**

Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.