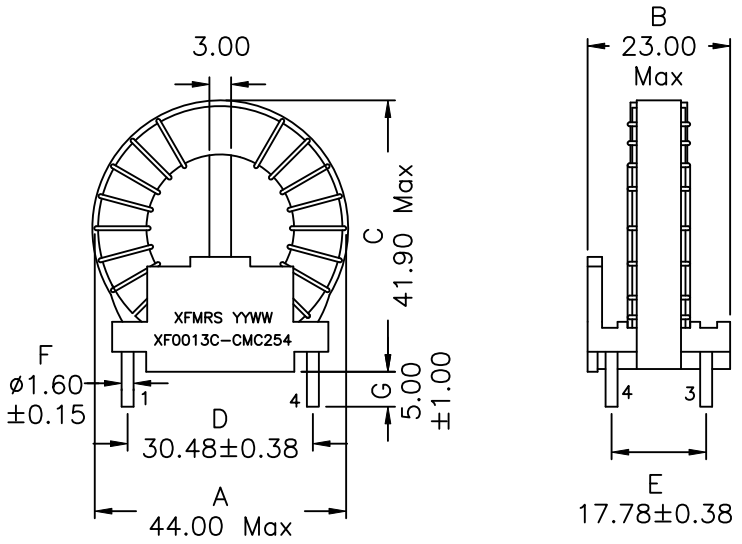
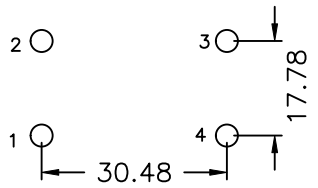
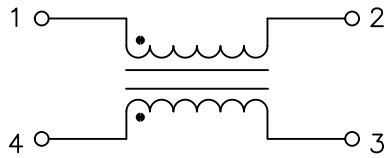
1. Mechanical Dimensions:





SUGGESTED FOOTPRINT

2. Schematic:



3. Electrical Specifications: @25C

OCL: 1.0mH Min @1KHz, 0.1V Each Wdg.

Q: 30 Min @1KHz, 0.1V Each Wdg.

DCR: 7.0 mOhms Max Each Wdg.

Rated Current: 20A (Based on 30°C Max temp rise)

Turns Ratio.: (1–2):(4–3)=1:1±2%

Isolation: 1500Vrms, Wdg to Wdg

SRF: Pins 1–2 350KHz Min.

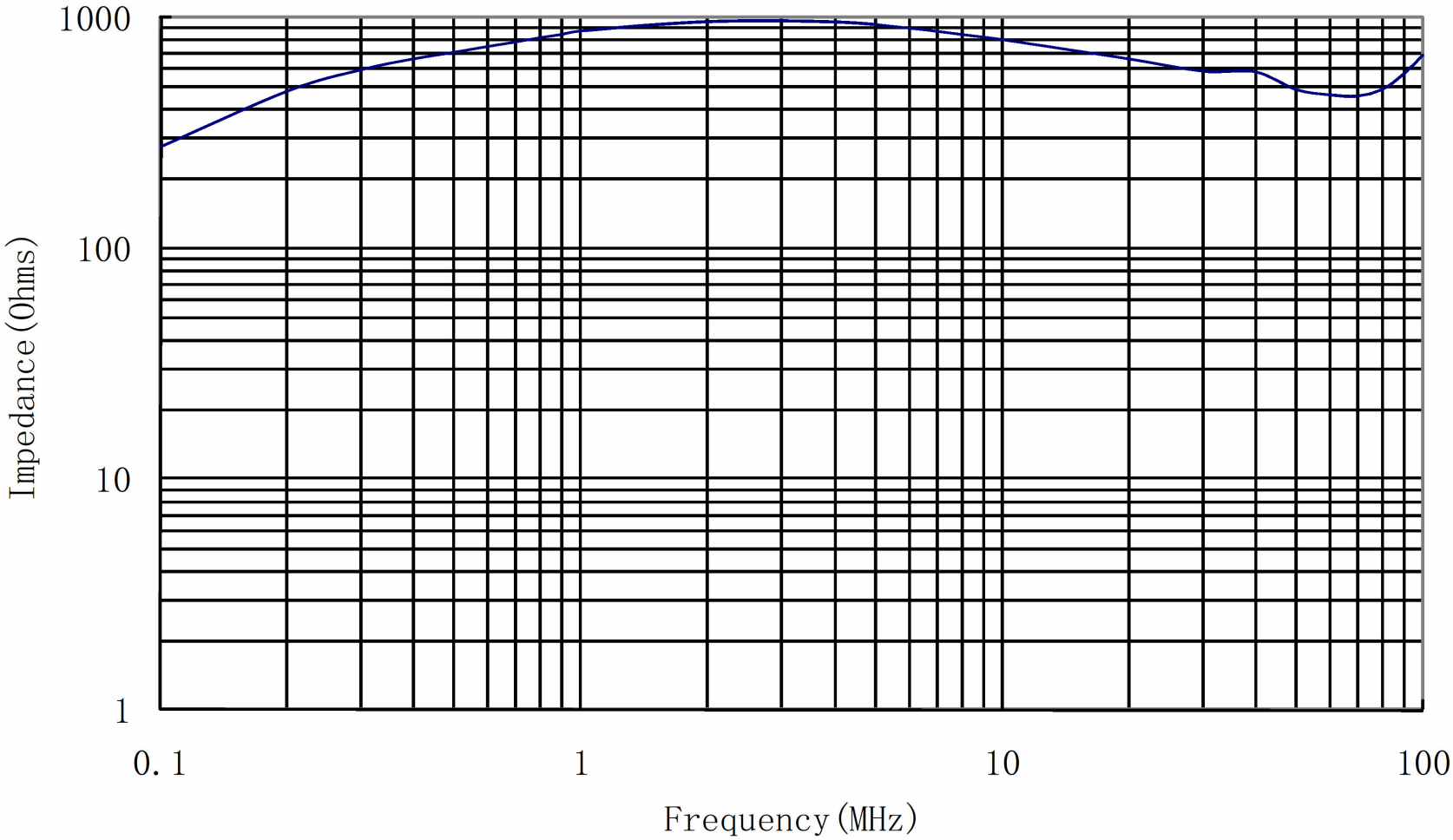
Notes:

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 Range: –55°C to +105°C
6. Storage Temperature Range: –55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC REV.: A/2

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

XFMRS® www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED	P/N: XF0013C–CMC254		REV. A
TOLERANCES: .xx ±0.25	DWN.	Yuan	Aug–03–20
Dimensions in MM	CHK.	YK Liao	Aug–03–20
SHEET 1 OF 2	APP.	TCH	Aug–03–20



DOC REV.: A/2

XFMRS® www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED	P/N: XF0013C-CMC254		REV. A
TOLERANCES: .xx ±0.25	DWN.	Yuan	Aug-03-20
Dimensions in MM	CHK.	YK Liao	Aug-03-20
SHEET 2 OF 2	APP.	TCH	Aug-03-20

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