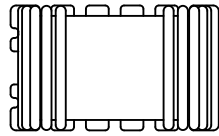
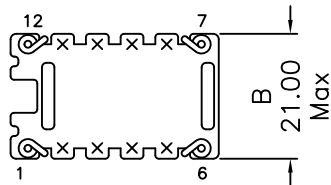
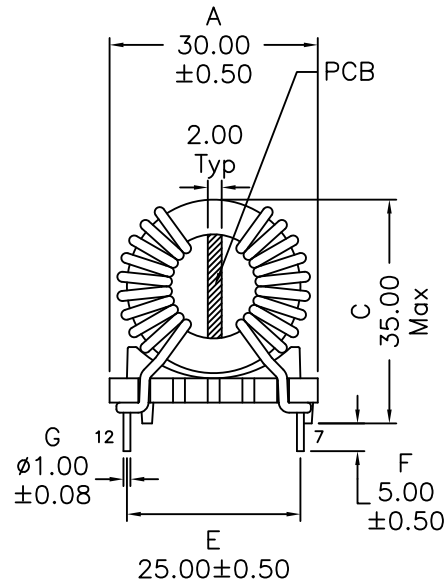


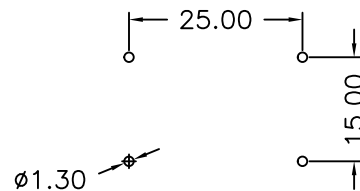
1. Mechanical Dimensions:



Top View

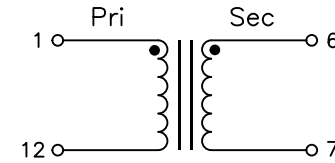


Bottom View



PCB layout

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 5.0mH±30% @10KHz 0.1mA, Each Wdgs

Q: 50 Min @10KHz 0.1mA, Each Wdgs

DCR: Pins 1-12 45 mOhms Max

Pins 6-7 45 mOhms Max

SRF: Pins 1-12 150KHz Min

Turns Ratio: (1-12):(6-7) = 1:1±2%

Hipot: 1500Vac, Pri to Sec, 50Hz, 5mA, 2Sec

Rated Voltage: 250Vac, Max 50Hz

Rated Current: 6A Max @70°C

Notes:

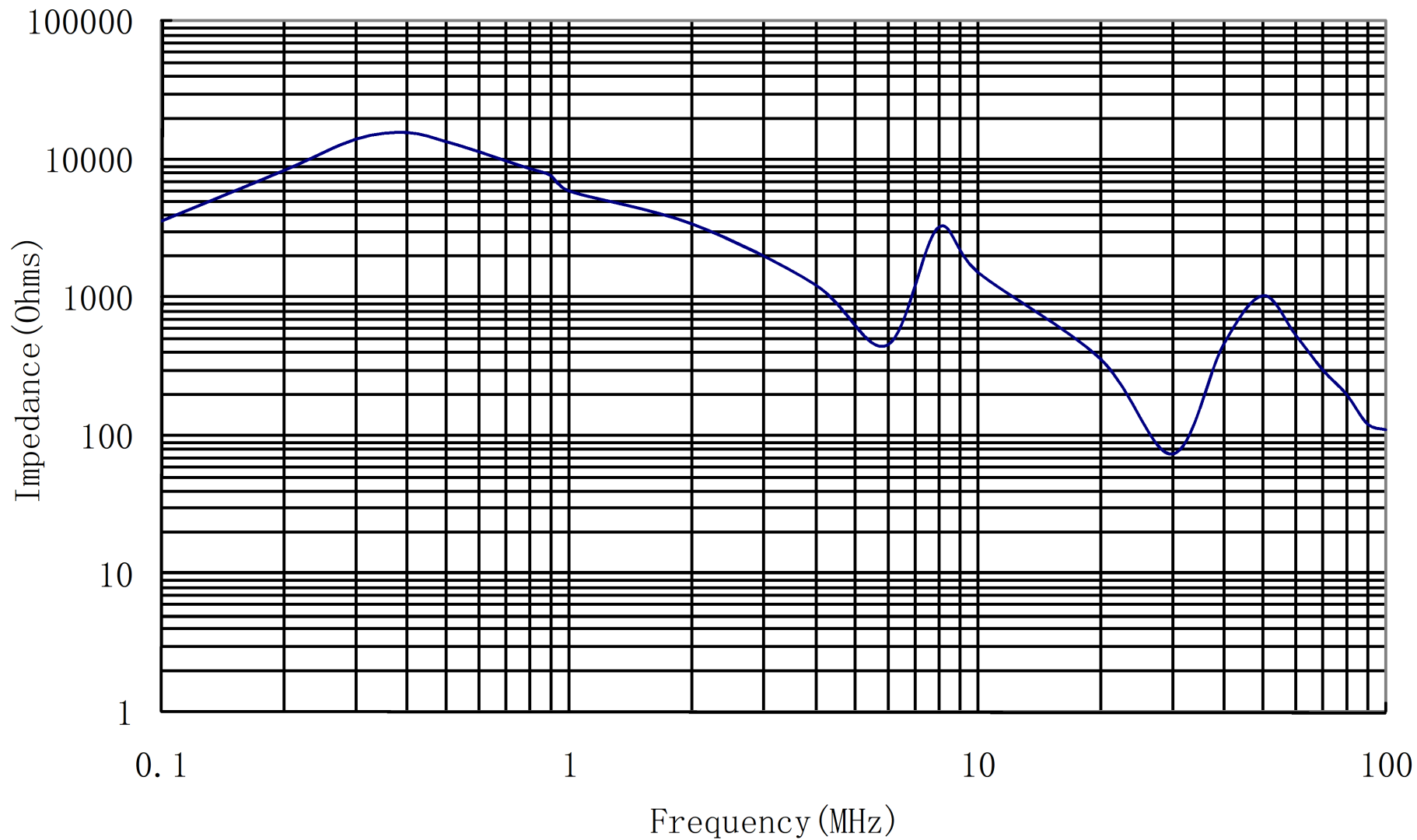
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature : -40°C to +125°C
6. Storage Temperature Range: -20°C to +60°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. only 4 pins corner

XFMRs Inc www.XFMRs.com		Title: Common Mode Power Line Choke	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0053-VMCMC4A	REV. A	
	DWN.	Yu	Sep-23-19
	CHK.	YK Liao	Sep-23-19
SHEET 1 OF 2	APP.	DDC	Sep-23-19

DOC. REV: A/1

PROPRIETARY

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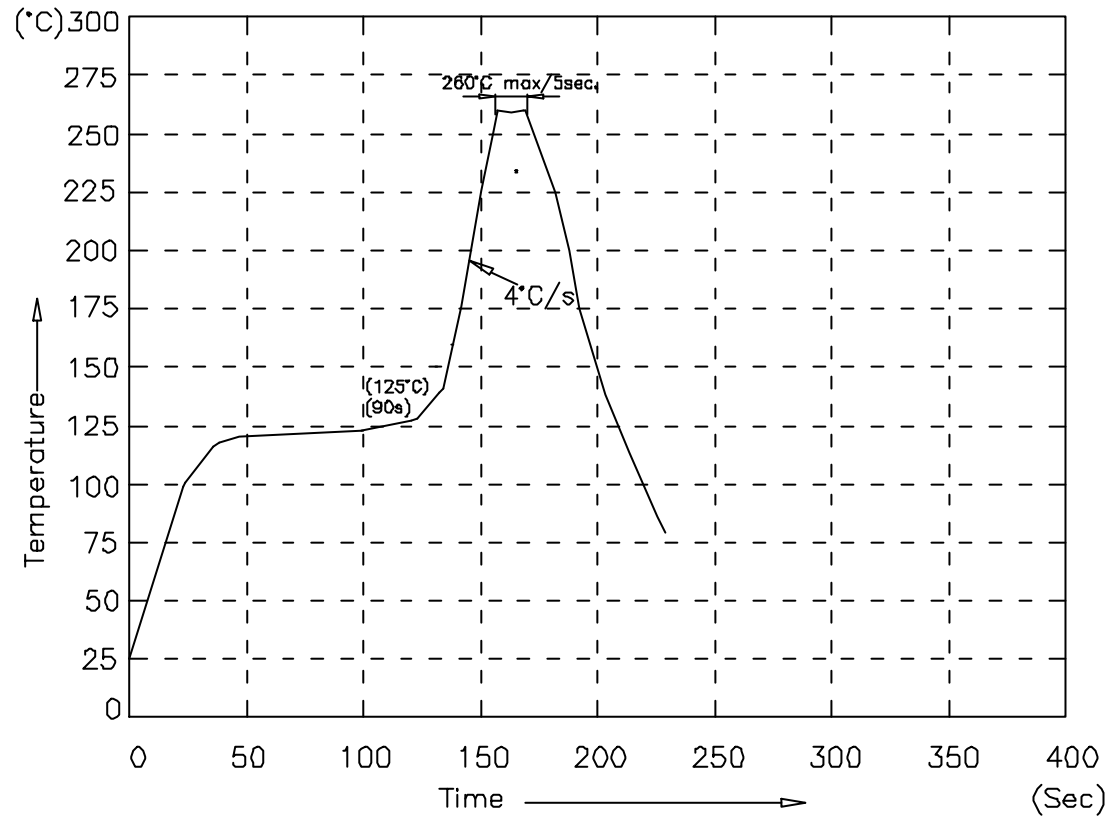


DOC. REV: A/1

XFMRs Inc www.XFMRS.com	Title: Common Mode Power Line Choke		
	UNLESS OTHERWISE SPECIFIED	P/N: XF0053-VMCMC4A	REV. A
TOLERANCES:	DWN.	Yu	Sep-23-19
.xx ±0.25	CHK.	YK Liao	Sep-23-19
Dimensions in MM	APP.	DDC	Sep-23-19
SHEET 2 OF 2			

XFMRs Ltd.

Recommended wave soldering profile
for Lead-free Through-hole component.



NOTE:

1. Recommend the wave temperature 245°C–260°C. The maximum soldering temperature should be less than 260°C
2. Do not apply stress on plastics when temperature is over 85°C
3. The soldering profile applies to the lead free soldering (Sn/Cu alloy).
4. No more than 1 cycle.

DOC. REV B

PROPRIETARY

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XFMRs Inc. www.XFMRs.com	Title: Soldering profile		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: TH component
	DWN.	Juan Mao	Jan-20-07
	CHK.	YK Liao	Jan-20-07
SHEET 1 OF 1	APP.	BW	Jan-20-07