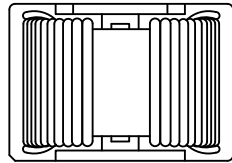
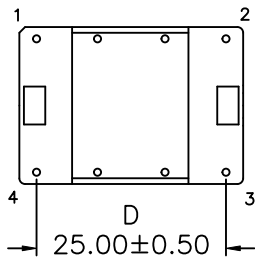
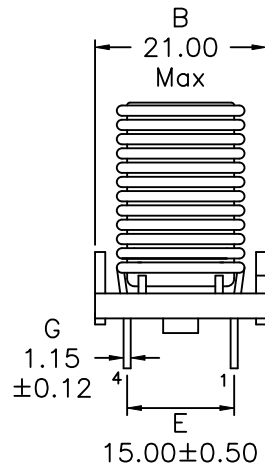
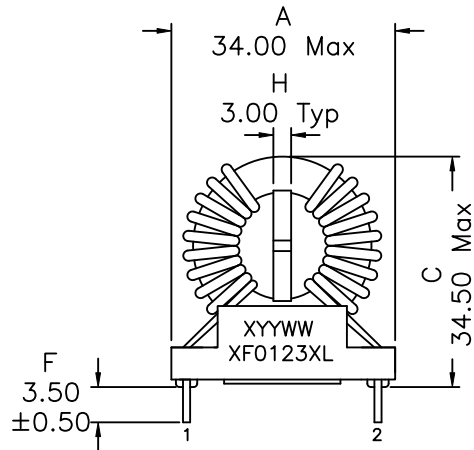


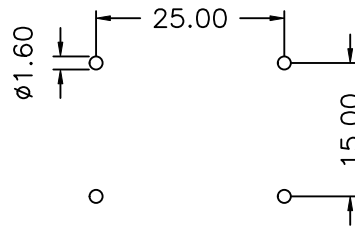
1. Mechanical Dimensions:



TOP VIEW

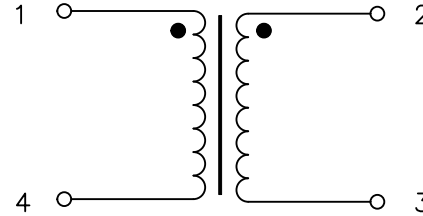


BOTTOM VIEW



PCB layout

2. Schematic:



3. Electrical Specifications: @25°C

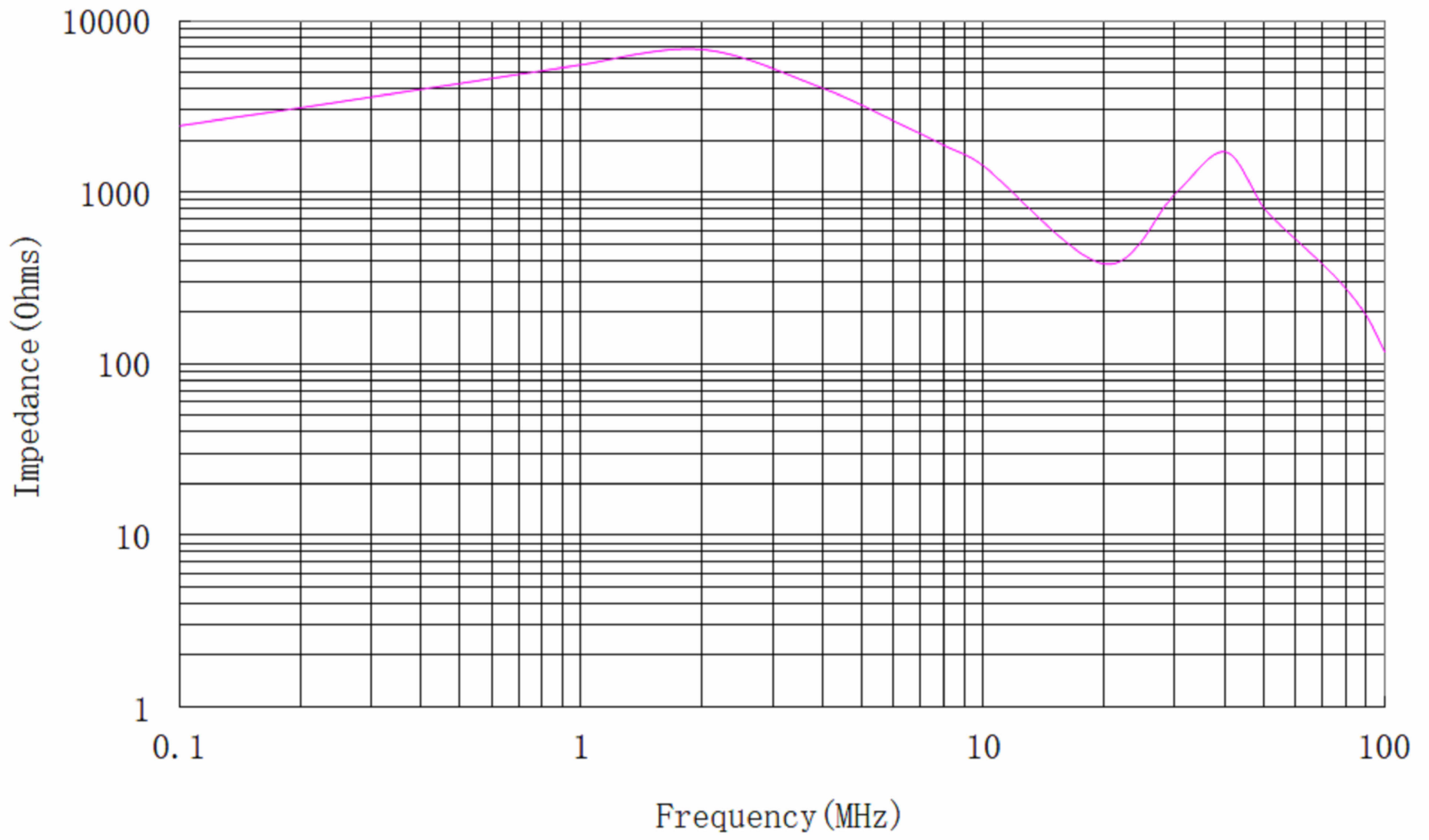
- OCL: 12mH +50%/-30% 10KHz 0.1V, Each Wdg
- 5.5mH Min 10KHz 0.1V, Each Wdg at -40C to 0C
- Q: 3 Min @1KHz 0.1V Each Wdg
- DCR: 0.015 Ohms Max Each Wdg
- Rated Current: 10.0A (@ 70°C)
- Rated Voltage: 250VAC Max 50Hz
- SRF: Pins 1-4 600KHz Min
- Isolation: 1500Vac Wdgs to Wdgs 50Hz 5mA 2Sec

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

XFMRs [®] www.XFMRS.com	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED	P/N: XF0123XL-VMCMC9	REV B
TOLERANCES: .xx ±0.25	DWN.	Yu	Nov-12-21
Dimensions in mm	CHK.	YK Liao	Nov-12-21
SHEET 1 OF 2	APP.	TCH	Nov-12-21

DOC. REV B/2

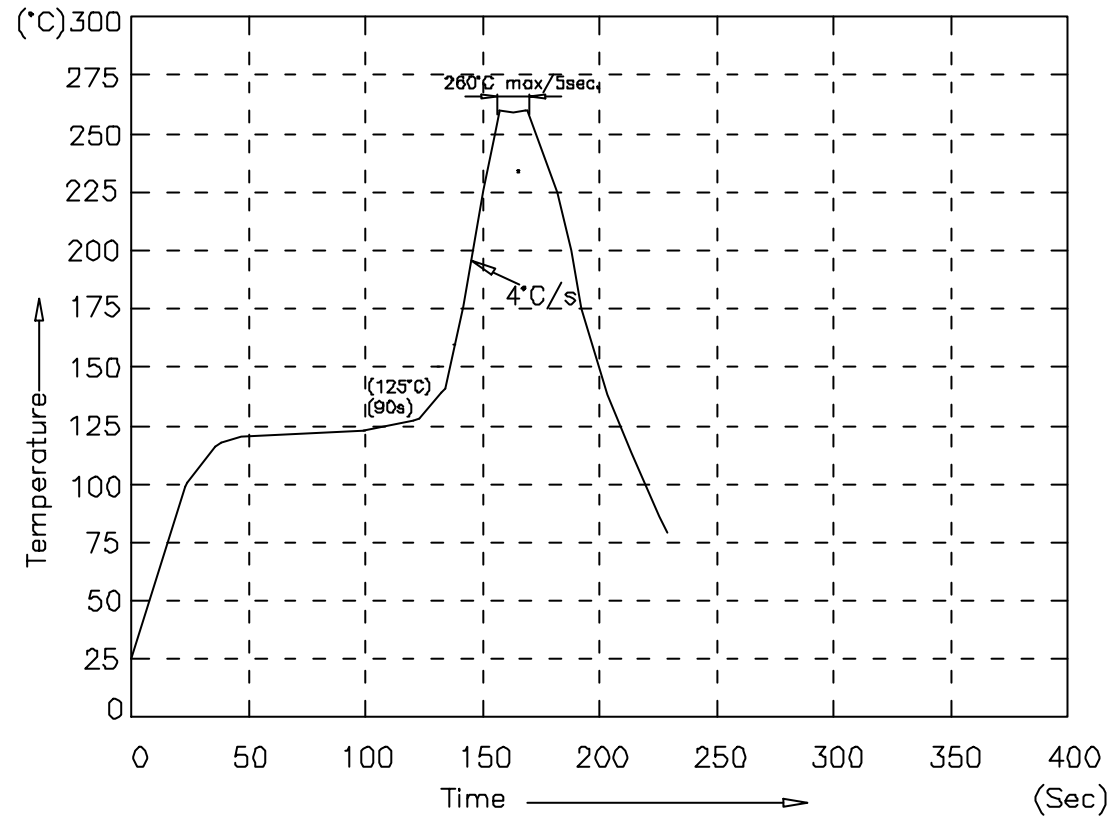


DOC. REV B/2

XFMRs [®] www.XFMRS.com	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF0123XL-VMCMC9	REV B
SHEET 2 OF 2	DWN.	Yu	Nov-12-21
	CHK.	YK Liao	Nov-12-21
	APP.	TCH	Nov-12-21

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