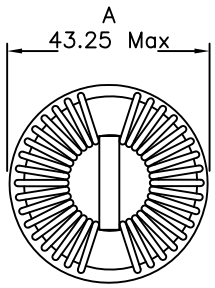
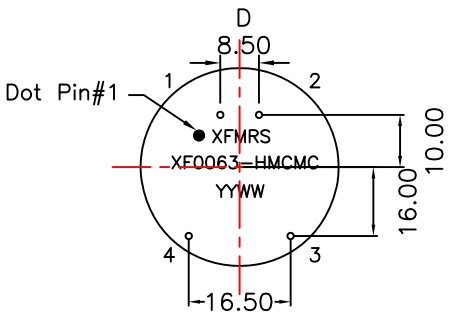
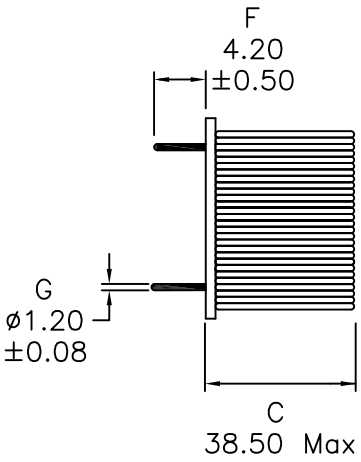
1. Mechanical Dimensions:



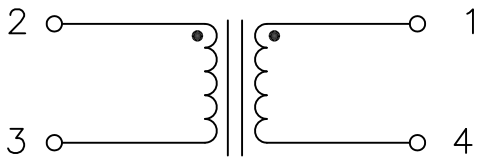
(TOP VIEW)



Bottom view



2. Schematic:



3. Electrical Specifications:

OCL (each): 6.0mH Min @15.75KHz 0.1V (0°C to +85°C)
3.0mH Min @15.75KHz 0.1V (−40°C to 0°C)

Q: 50 Min @10KHz 0.1V

LL: Pins 1−4 80uH Max @15.75KHz 0.1V Short 2&3

DCR: Pins 1−4,2−3 0.040 Ohms Max

Rated Current: 12A Max

Turns ratio: (1−4):(2−3)=1:1±2%

Hipot: 500Vdc ,Wdgs to Core

SRF: Pins 1−4 100KHz 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 from −40°C to +85°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/3

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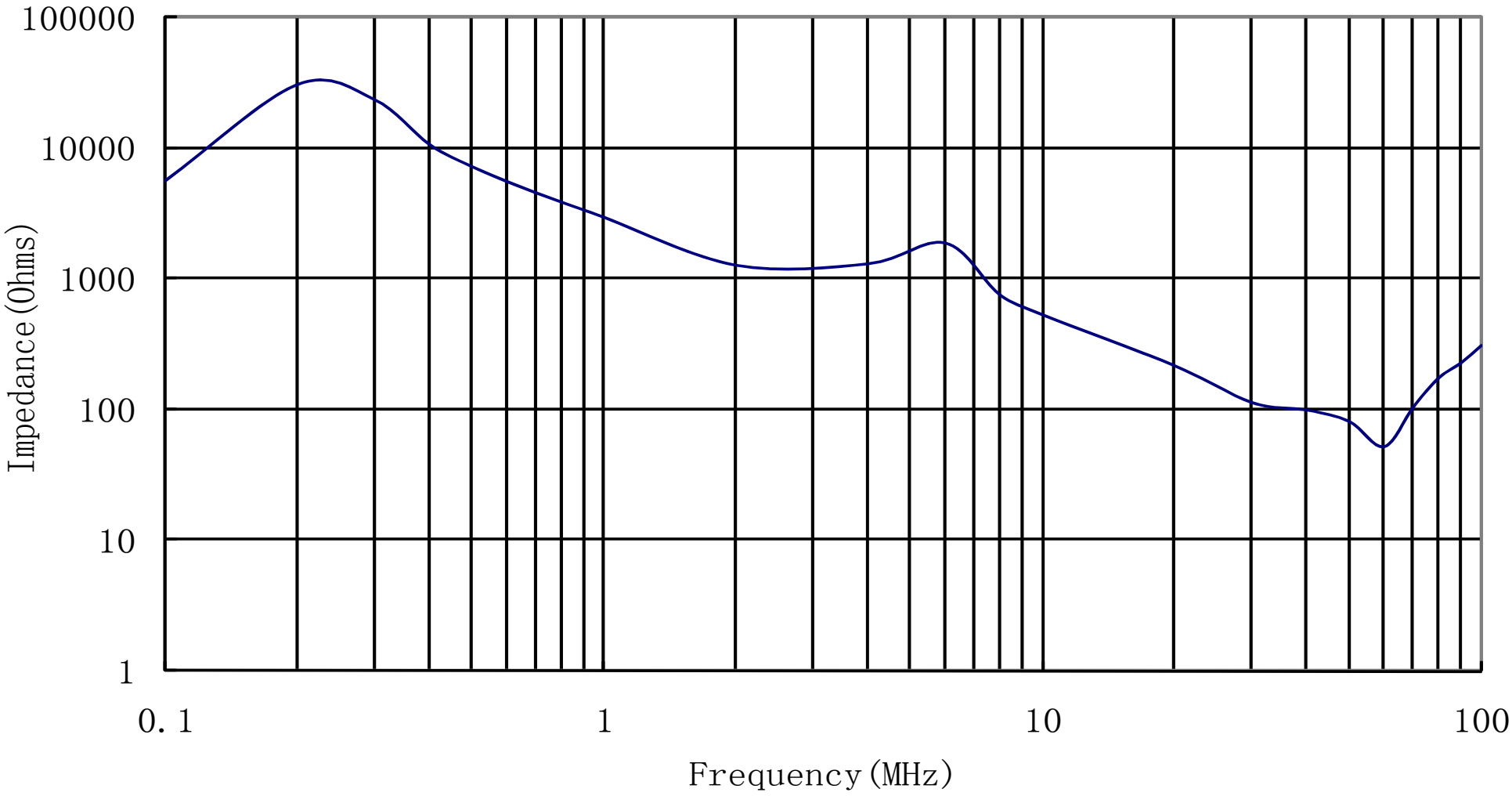
XFMRS Inc www.XFMRS.com	Title: COMMON MODE CHOKE		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0063−HMCMC		REV. A
	DWN.	Huo	Jul−19−18
	CHK.	YK Liao	Jul−19−18
SHEET 1 OF 2	APP.	BSJ	Jul−19−18



XFMRS Inc www.XFMRS.com	Title: COMMON MODE CHOKE		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0063-HMCMC		REV. A
	DWN.	Huo	Jul-19-18
	CHK.	YK Liao	Jul-19-18
SHEET 2 OF 2	APP.	BSJ	Jul-19-18

DOC. REV: A/3

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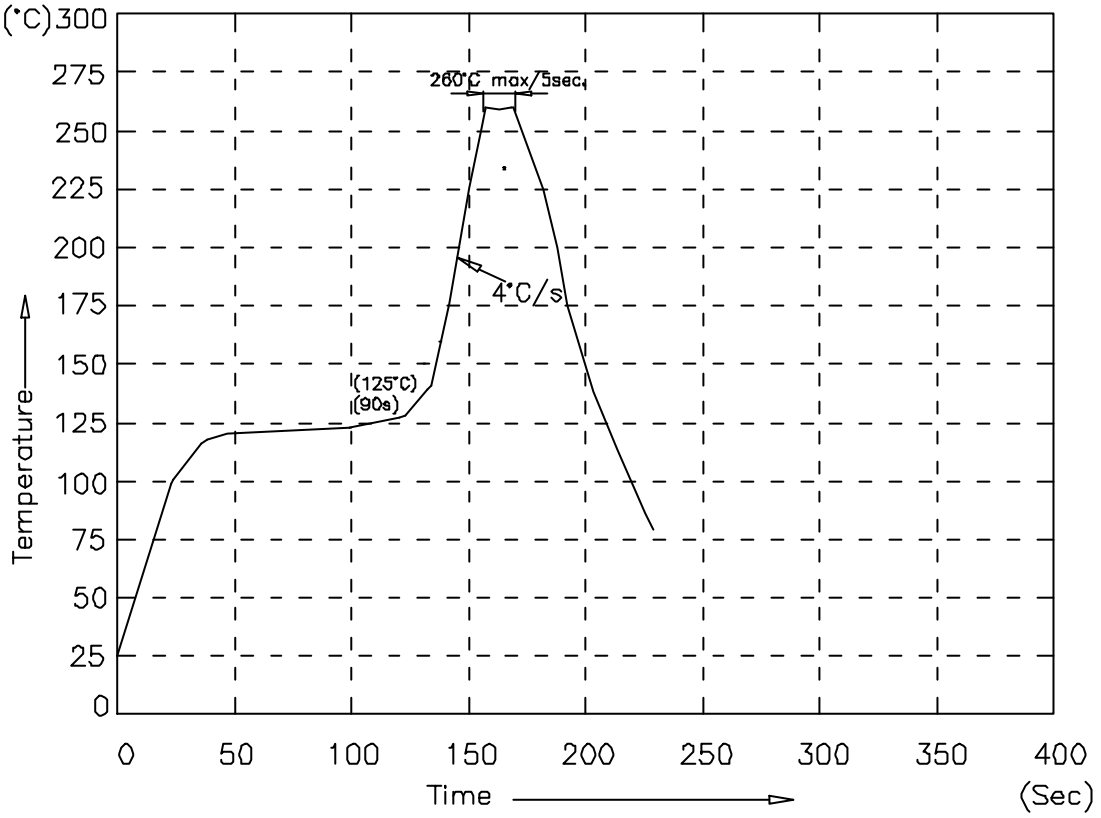
XFMRS ltd.

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

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