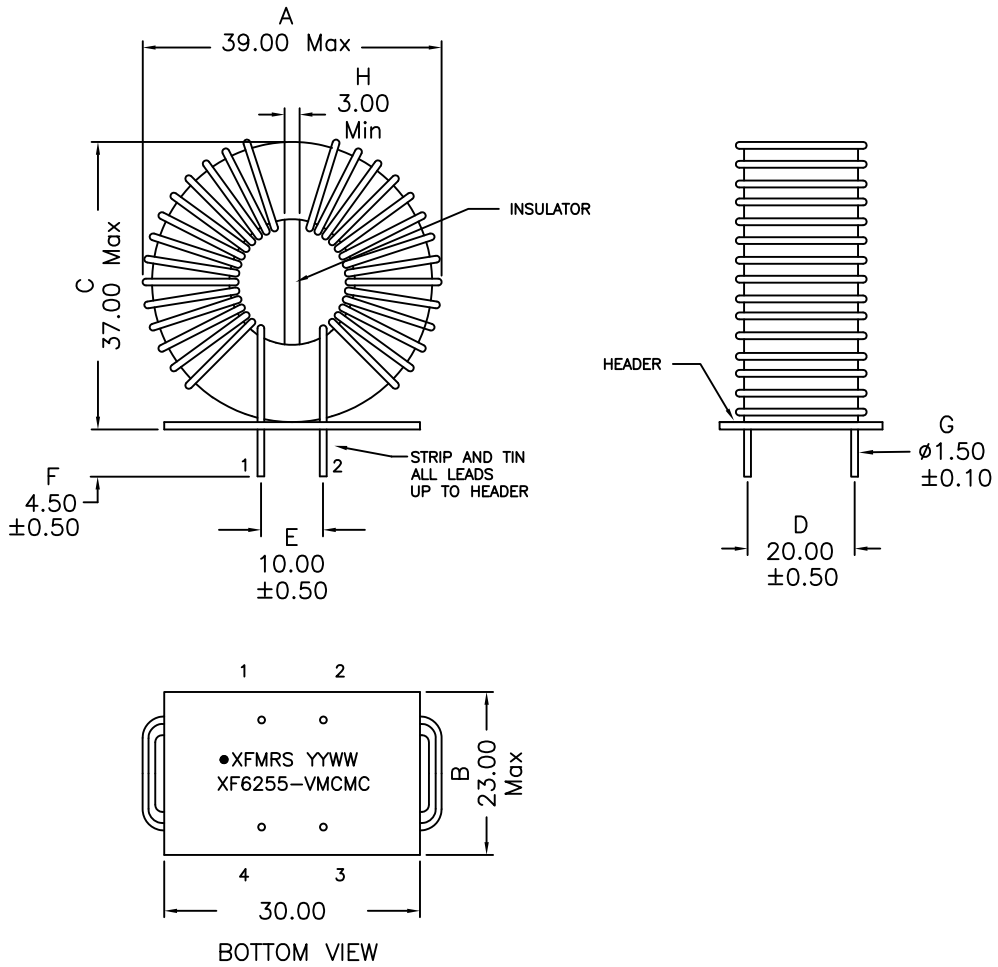
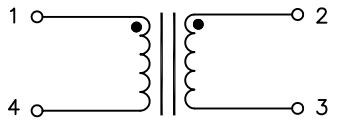
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 6.25mH–30%/+50% @10KHz, 0.1V Each Wdg
Q: 5 Min @10KHz, 0.1V Each Wdg
Leakage L: Pins 1–4 27uH Typ @10KHz, 0.1V (Tie 2–3)
DCR: 11mOhms Typ, Each Wdg
Rated Voltage: 250Vac
Current Rating: 10Aac
Turns Ratio: (1–4):(2–3)=1:1±2%
Hipot: 1800Vac, Wdg to Wdg, 2 Sec
SRF: Pins 1–4 150KHz 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: –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/2

XFMRS® www.XFMRS.com	Title: COMMON MODE CHOKE		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF6255–VMCMC		REV. A
	DWN.	Yu	Jul–16–21
	CHK.	YK Liao	Jul–16–21
SHEET 1 OF 2	APP.	TCH	Jul–16–21

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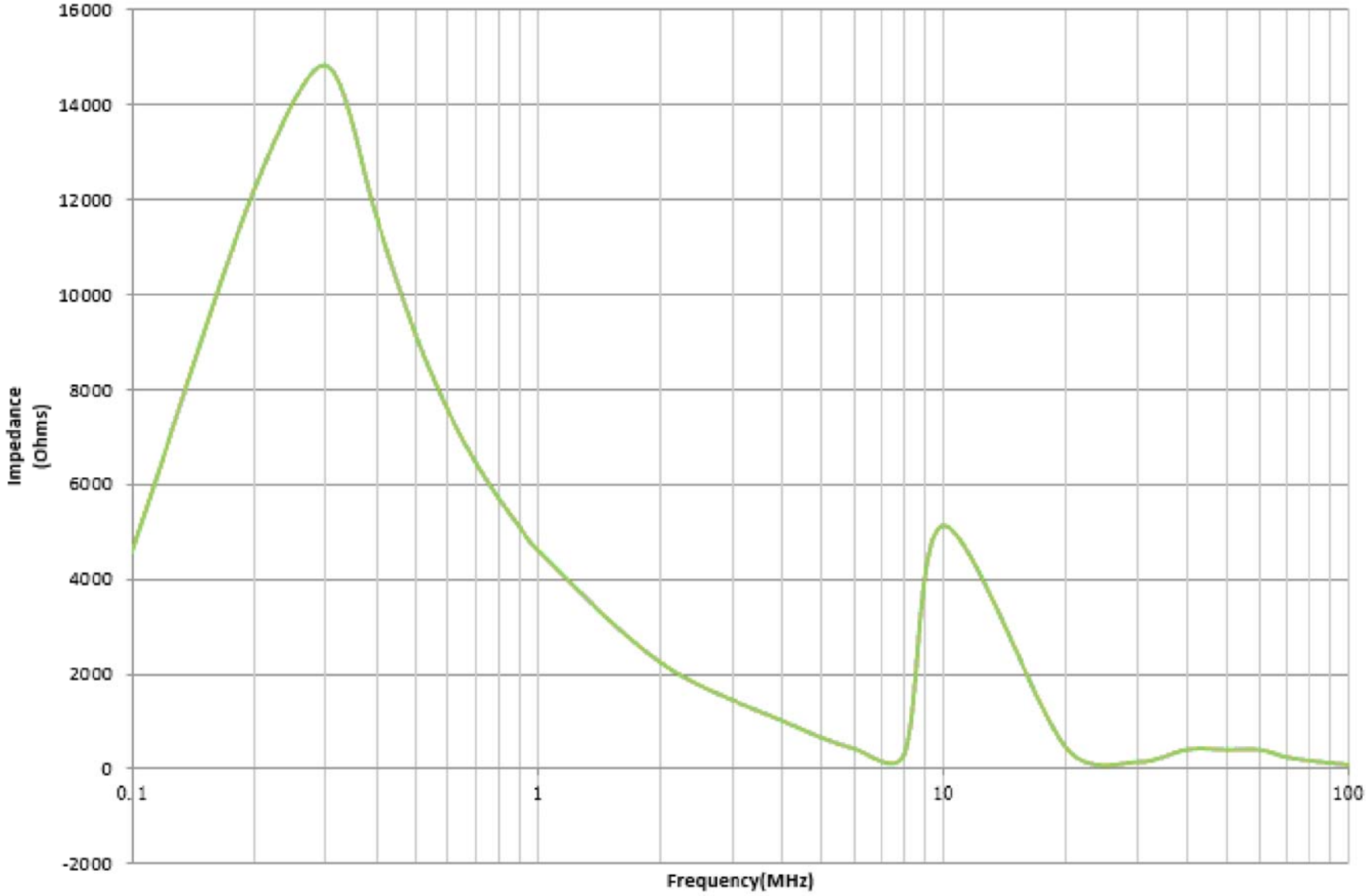

DOC. REV: A/2

XFMRS ® www.XFMRS.com	Title: COMMON MODE CHOKE		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF6255-VMCMC		REV. A
	DWN.	Yu	Jul-16-21
	CHK.	YK Liao	Jul-16-21
SHEET 2 OF 2	APP.	TCH	Jul-16-21

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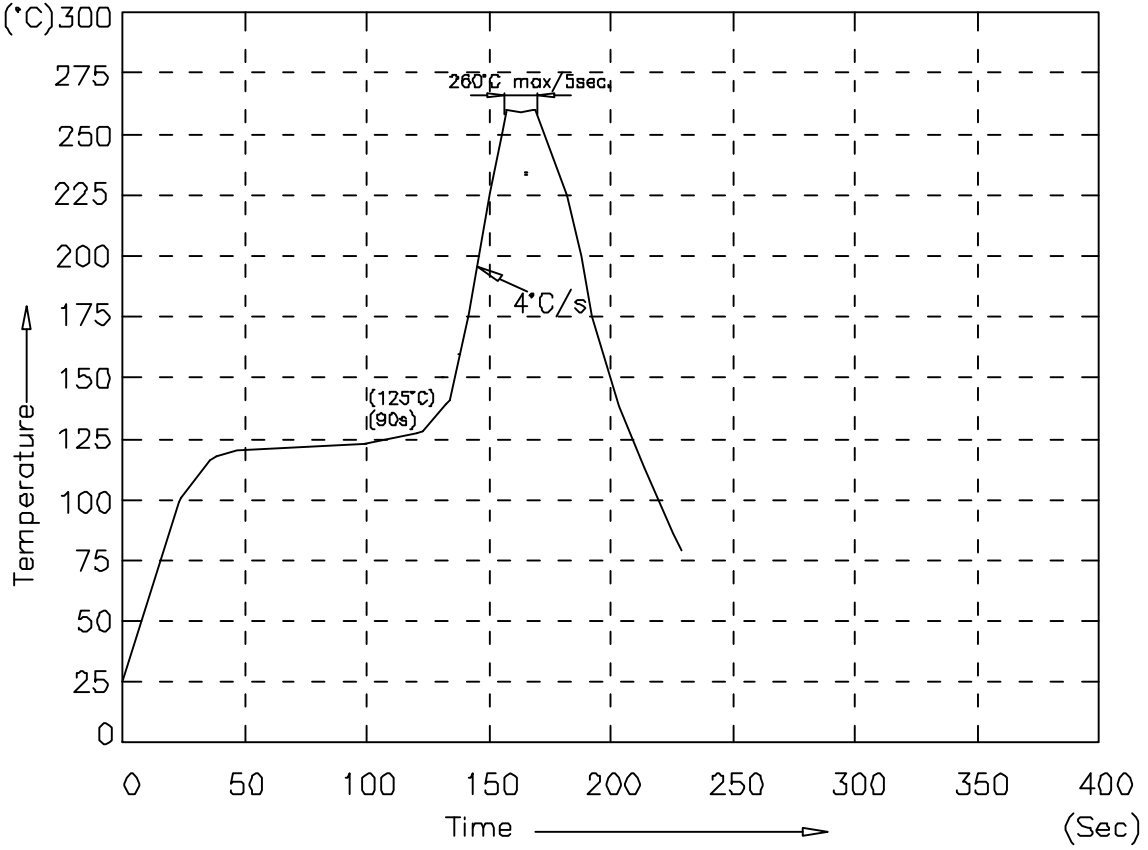
XFMRS®

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

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XFMRS® 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