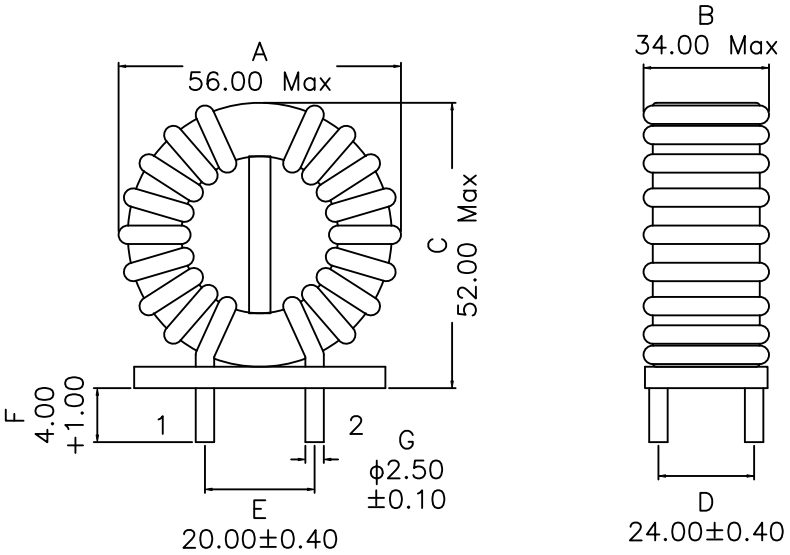
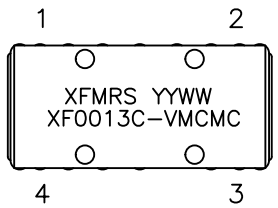
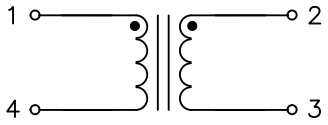
1. Mechanical Dimensions:





Bottom View

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.0mH+50%/−30% @100KHz 0.1V
Q: Pins 1−4 tbd Min @100KHz 0.1V
LL: Pins 1−4 7uH Typ @100KHz 0.1V
DCR: Pins 1−4 2.1 mOhms Typ
Pins 2−3 2.1 mOhms Typ
Turns Ratio: (1−4):(2−3)=1.000:1.000±2%
Hipot: 3500Vdc, Wdg to Wdg, 1mA
SRF: Pins 1−4 tbd Min
Rated Current: 28A +70°C
Rated Voltage: 600VAC

PRELIMINARY

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: XF0013C−VMCMC		REV. A
	DWN.	Yu	May−09−24
	CHK.	YK Liao	May−09−24
SHEET 1 OF 1	APP.	VL	May−09−24

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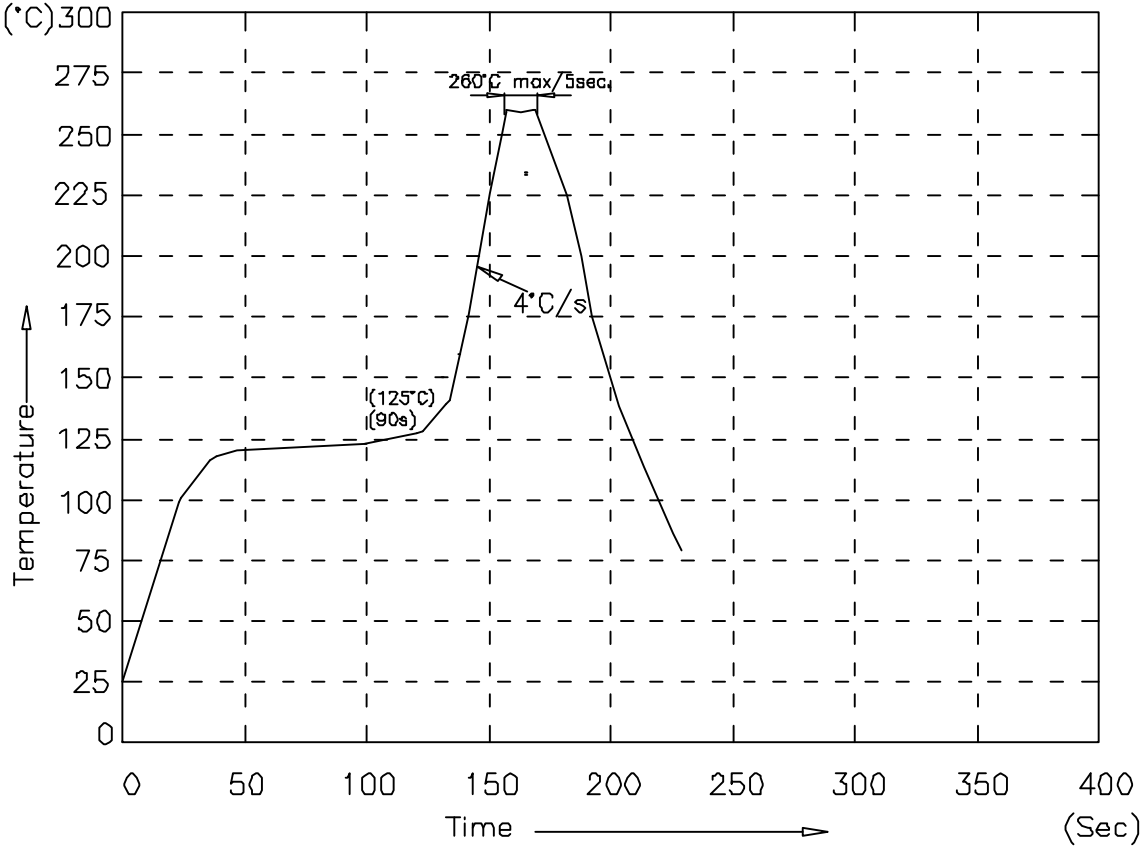
XFMRS®

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