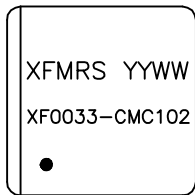
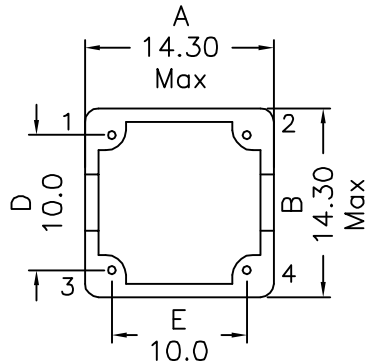
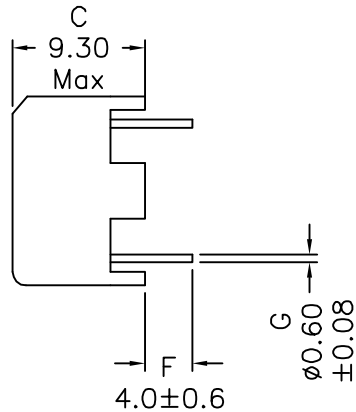


## 1. Mechanical Dimensions:



Top view



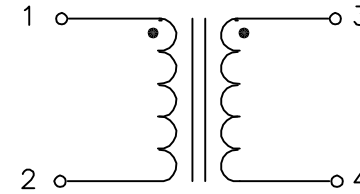
Bottom view

### 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: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC REV: A/3

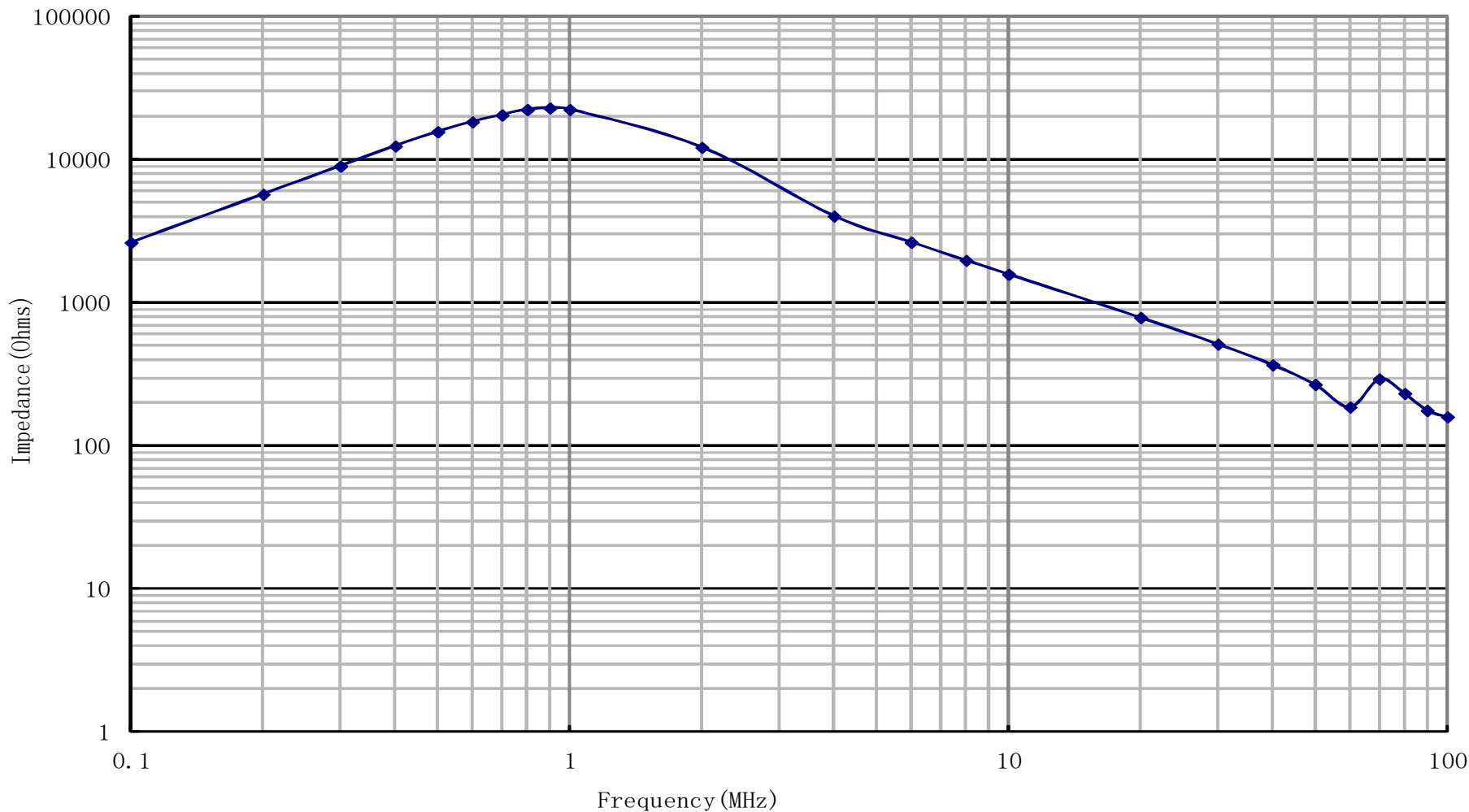
## 2. Schematic:



## 3. Electrical Specifications:

OCL: 3.0mH+50/-30% @10KHz 0.1V each wdg  
 Q: 20 Min @10KHz 0.1V each wdg  
 LL: Pins 1-2 45uH Max @10KHz 0.1V Short:P3+4  
 DCR: 0.205 Ohms Max each wdg  
 Current Rating: 1000mArms  
 SRF: Pins 1-2 250KHz Min  
 Turns Ratio: (1-2):(3-4)=1:1±2%  
 Operating Conditions: 250VAC Max from DC to 1KHz  
 Hipot: 1500Vac, Wdg to Wdg  
 4000Vac, Wdg to Case

<b>XFMRS Inc</b> www.XFMRS.com	Title: <b>Common Mode Choke</b>		
	UNLESS OTHERWISE SPECIFIED	P/N: XF0033-CMC102	REV. A
TOLERANCES: .xx ±0.25	DWN.	Huo	Mar-08-18
Dimensions in mm	CHK.	YK Liao	Mar-08-18
Scale None SHT 1 OF 2	APP.	DDC	Mar-08-18



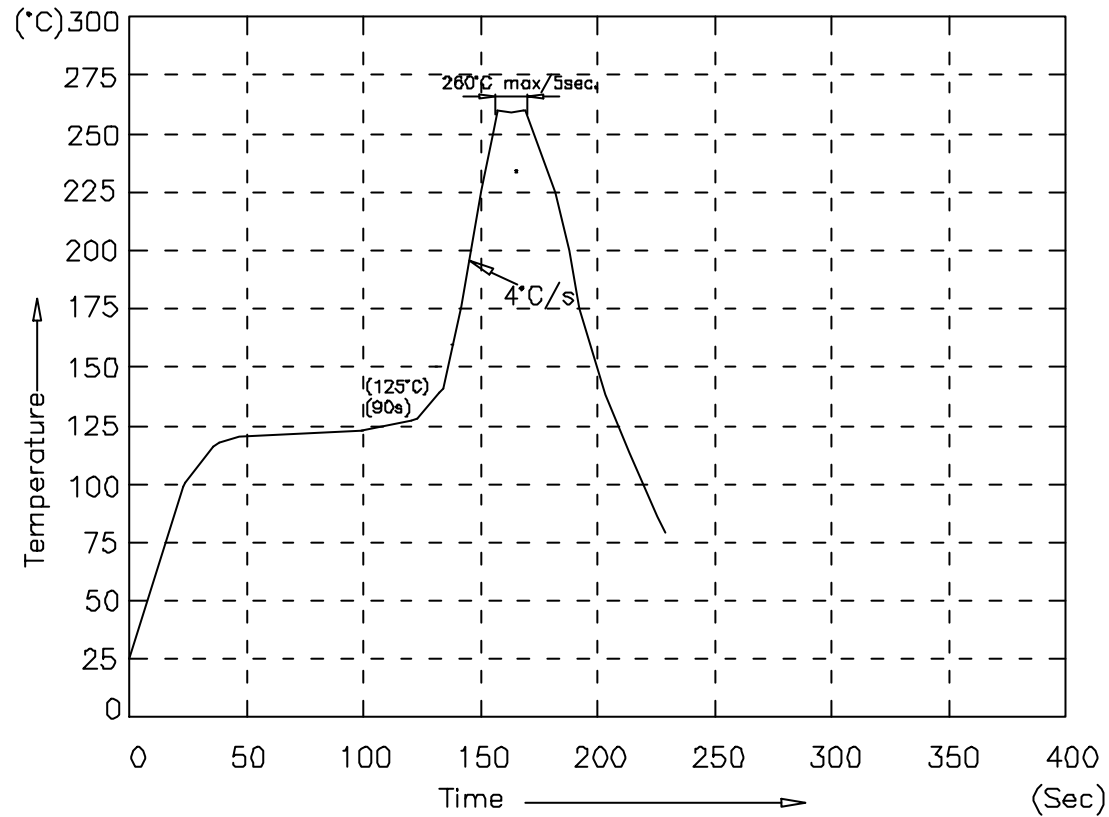
DOC REV: A/3

<b>XFMRs Inc</b> www.XFMRS.com	Title: <b>Common Mode Choke</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF0033-CMC102	REV. A
Scale None SHT 2 OF 2	DWN.	Huo	Mar-08-18
	CHK.	YK Liao	Mar-08-18
	APP.	DDC	Mar-08-18

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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**

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<b>XFMRs Inc.</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	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