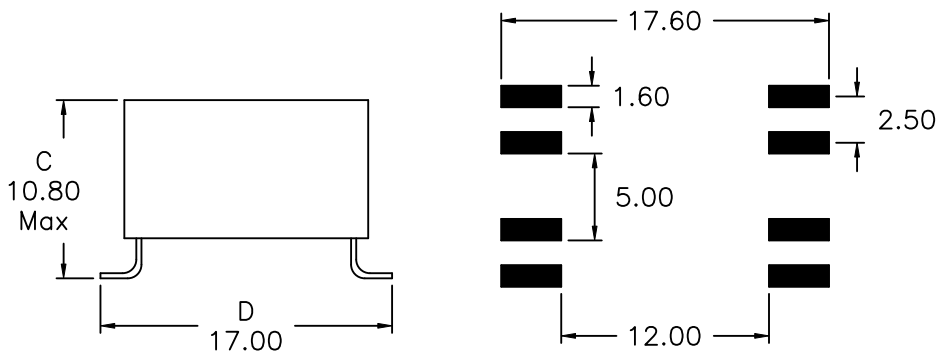
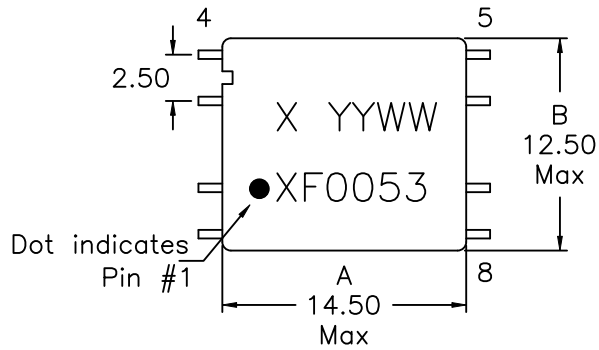


1. Mechanical Dimensions:

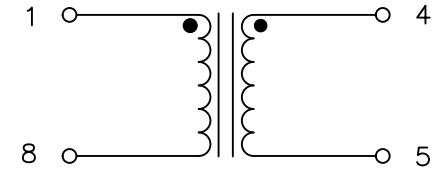


Notes:

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: -55°C to +85°C ambient
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004*(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow temp of 250°C Max

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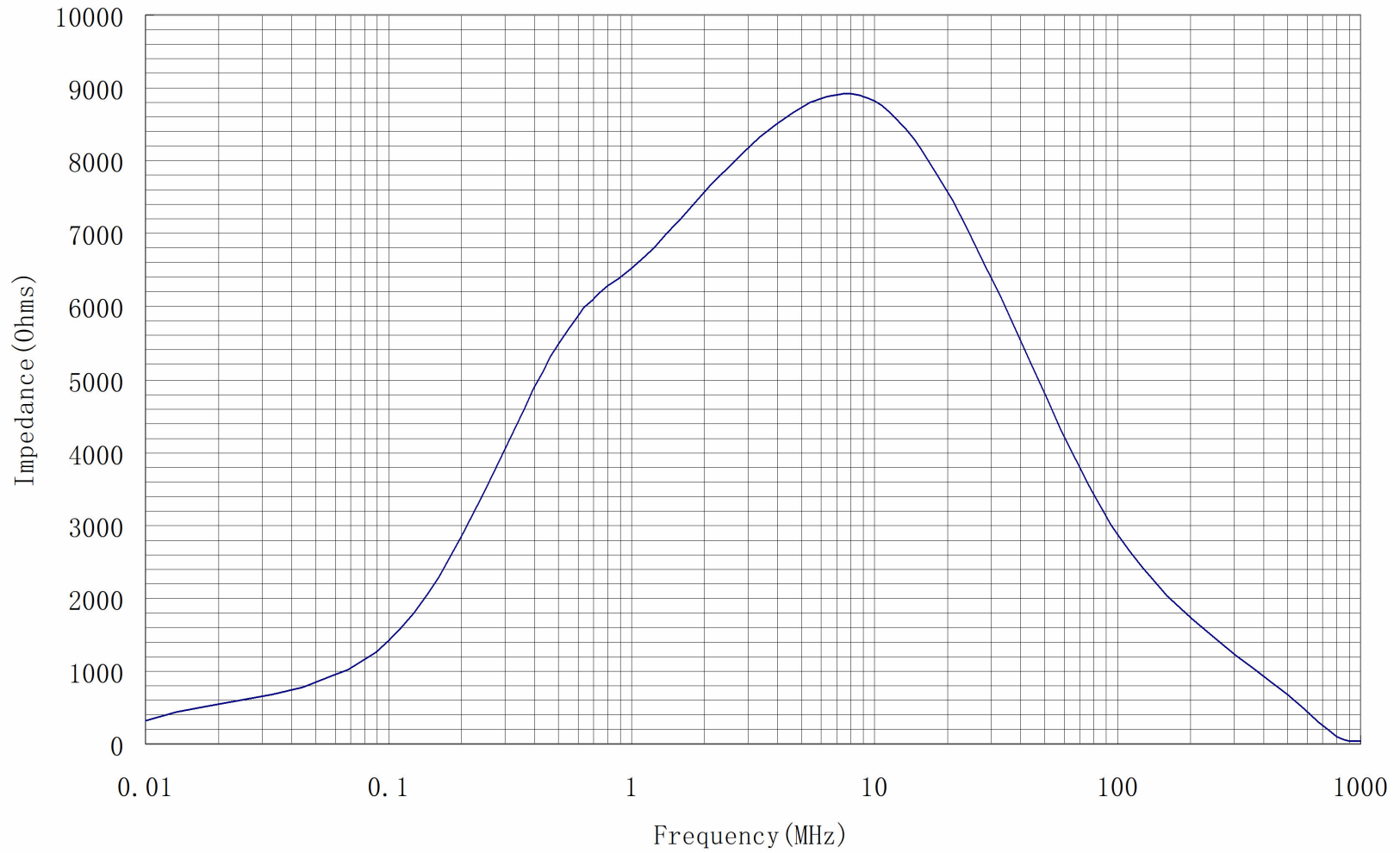
2. Schematic:



3. Electrical Specifications: @25°C

- ACL: 5.0mH±30% @10KHz 0.1V, Each Wdg
- ACL: 1.0mH Min @10KHz 0.1V, Each Wdg at -40C
- Q: 5 Min @10KHz 0.1V
- DCR: 0.5 Ohms Max, Each Wdg
- Rated Current: 1A
- Turns Ratio: Pins (1-8):(4-5)=1:1±5%
- Isolation: 1500Vac, Wdg to Wdg, 2Sec
- Line voltage: 24Vdc nominal Max, transient 200V
- Impedance: 400 Ohms @180KHz, -55c

XFMRs® www.XFMRs.com		Title: Common Mode Choke	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0053-CMCSM		REV. A
	DWN.	Yu	Dec-19-19
SHEET 1 OF 2	CHK.	YK Liao	Dec-19-19
	APP.	BSJ	Dec-19-19

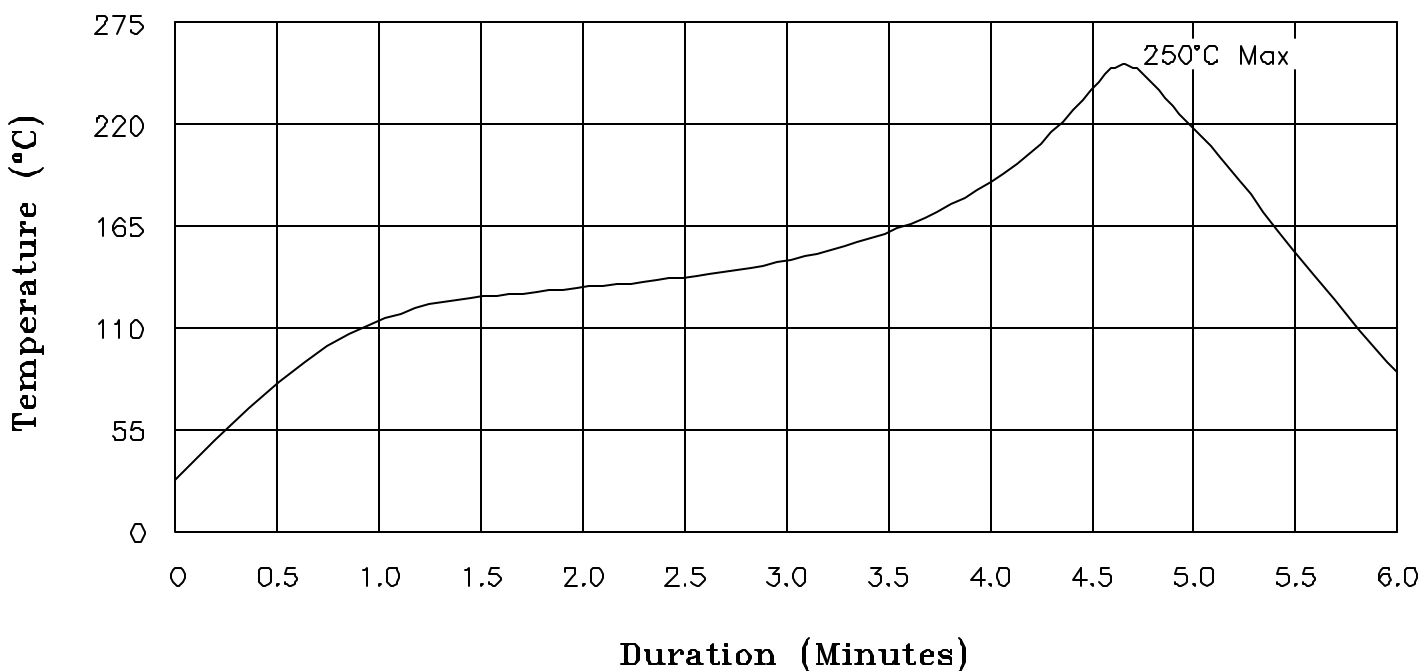


DOC REV: A/4

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	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0053-CMCSM	REV. A
SHEET 2 OF 2	DWN.	Yu	Dec-19-19
	CHK.	YK Liao	Dec-19-19
	APP.	BSJ	Dec-19-19

XFMRs

Recommended Infrared Reflow Temperature Profile for Select Parts



NOTES: Maximum duration at 250°+0/-5° shall be 10-15 seconds.
 Maximum duration above 217° shall be 50-120 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

XFMRs Inc www.XFMRs.com	Title: IR REFLOW CHART (250°C)		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: N/A
SHEET 1 OF 1	DWN.	Juan Mao	Dec-20-06
	CHK.	YK Liao	Dec-20-06
	APP.	Joe Huff	Dec-20-06