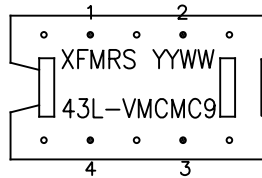
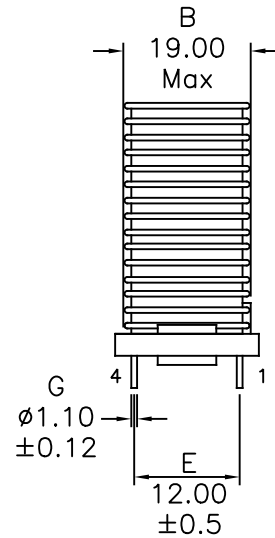
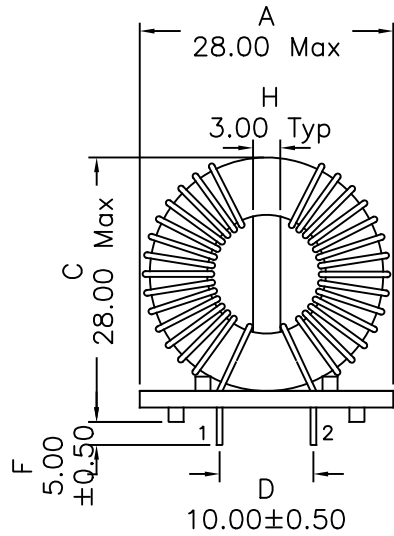
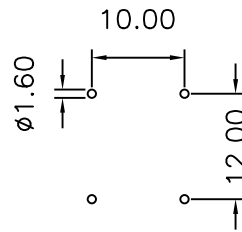


1. Mechanical Dimensions:

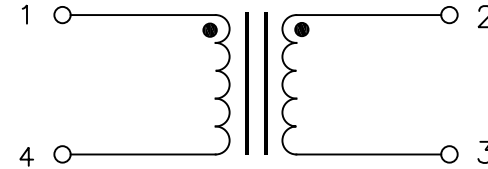


BOTTOM VIEW



PCB layout

2. Schematic:



3. Electrical Specifications: @25°C

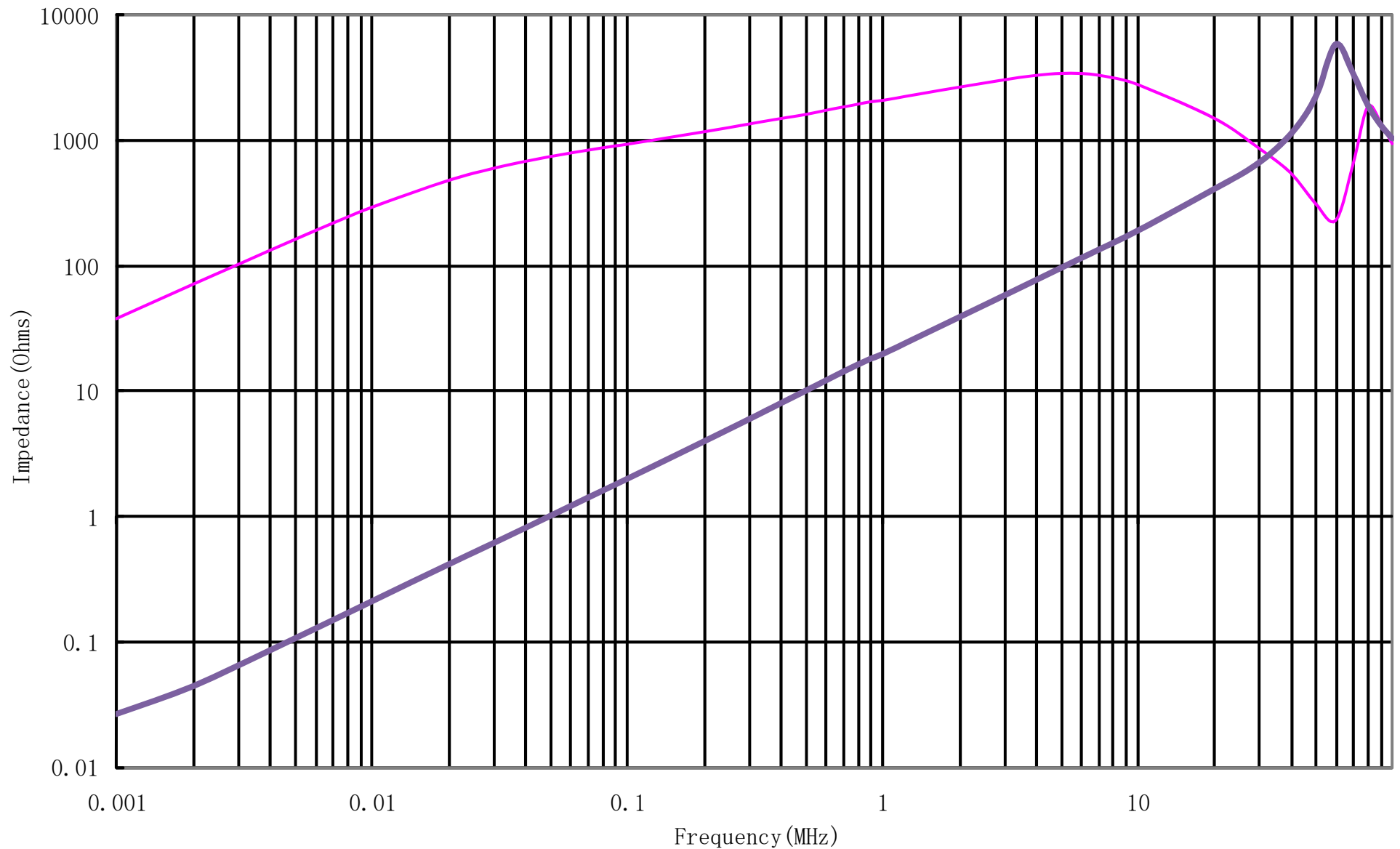
- OCL: 4.00mH+50%/-30% @10KHz 0.1mA Each Wdg
- Q: 1.50 Min @10KHz 0.1mA Each Wdg
- LL: Pins 1-4 6.0uH Max @100KHz 0.1V Short P2+3
- DCR: 8.50 mOhms Max Each Wdg @20°C
- Rated Current: 11.0A Max (@ 70°C)
- Rated Voltage: 250Vac Max 50Hz
- Turns Ratio: (1-4):(2-3)=1:1±2%
- Isolation: 1500Vac Wdgs to Wdgs 50Hz 5mA 2Sec
- SRF: Pins 1-4 800KHz 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 +125°C
6. Storage Temperature Range: -20°C to +60°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV A/1

XFMRS [®] www.XFMRS.com	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED	P/N: XF0043L-VMCMC9	REV A
TOLERANCES: .xx ±0.25	DWN.	Huo	Jul-25-19
Dimensions in mm	CHK.	YK Liao	Jul-25-19
SHEET 1 OF 2	APP.	GL	Jul-25-19

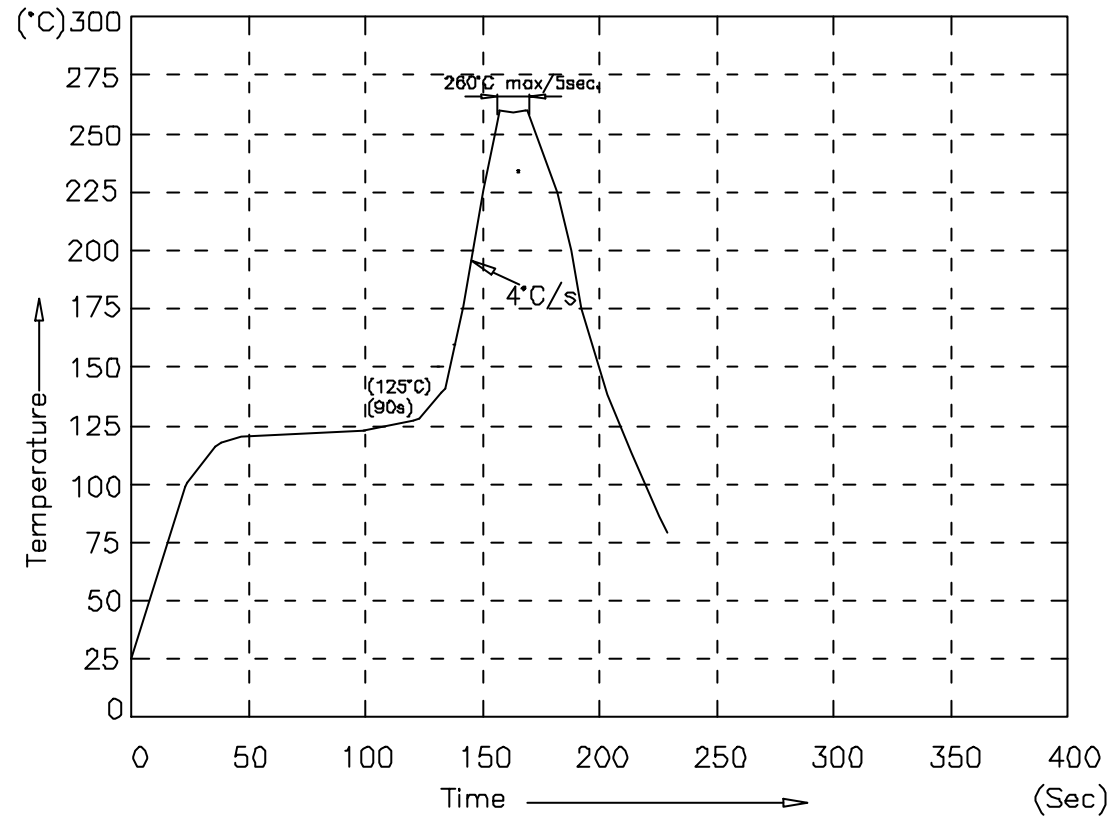


DOC. REV A/1

XFMRs [®] www.XFMRS.com	Title: Common Mode Choke		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF0043L-VMCMC9	REV A
	DWN.	Huo	Jul-25-19
	CHK.	YK Liao	Jul-25-19
SHEET 2 OF 2	APP.	GL	Jul-25-19

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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XFMRs Inc. www.XFMRs.com	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