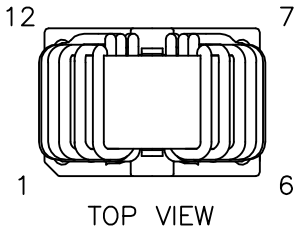
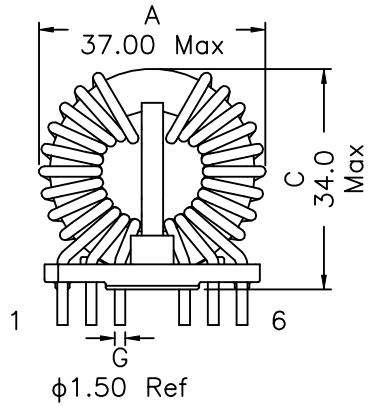
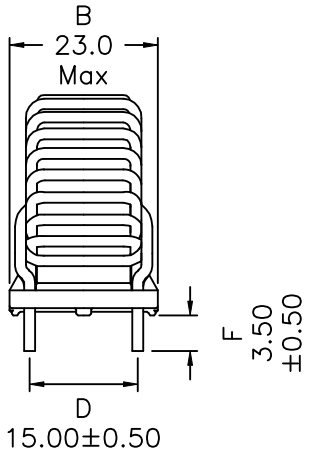
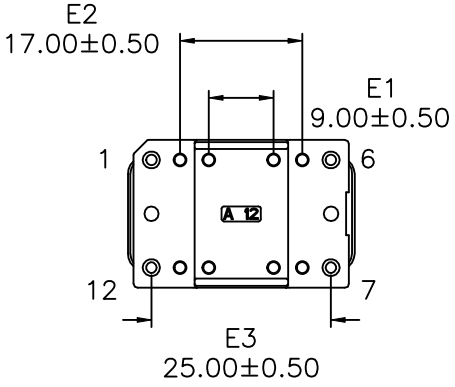
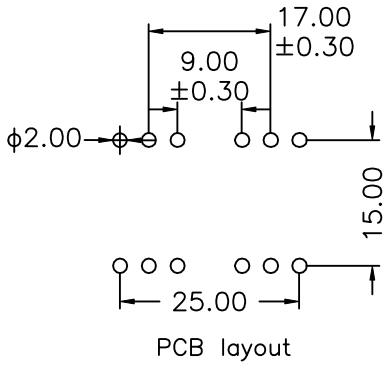
1. Mechanical Dimensions:



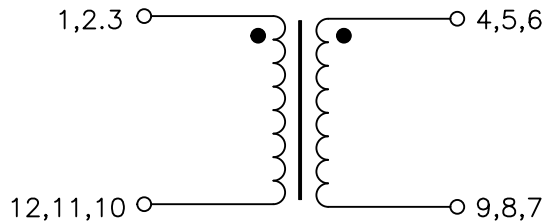








2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.90mH +50%/−30% 10KHz 0.1mA

Q: tbd @1KHz 0.1V (Each Wdg)

DCR: 1.1 mOhms Max (Each Wdg), @20°C

Rated Current: 32.0A (@ 70°C)

Rated Voltage: 250VAC Max, 50Hz

SRF: tbd KHz Min (Each Wdg)

Isolation: 1500Vac Wdgs to Wdgs 50Hz 5mA 2Sec

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: −20°C to +60°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV B/1

XFMRS® www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF9006XL−VMCMC9		REV B
	DWN.	Yu	Nov−13−20
	CHK.	YK Liao	Nov−13−20
SHEET 1 OF 2	APP.	Joe Huff	Nov−13−20

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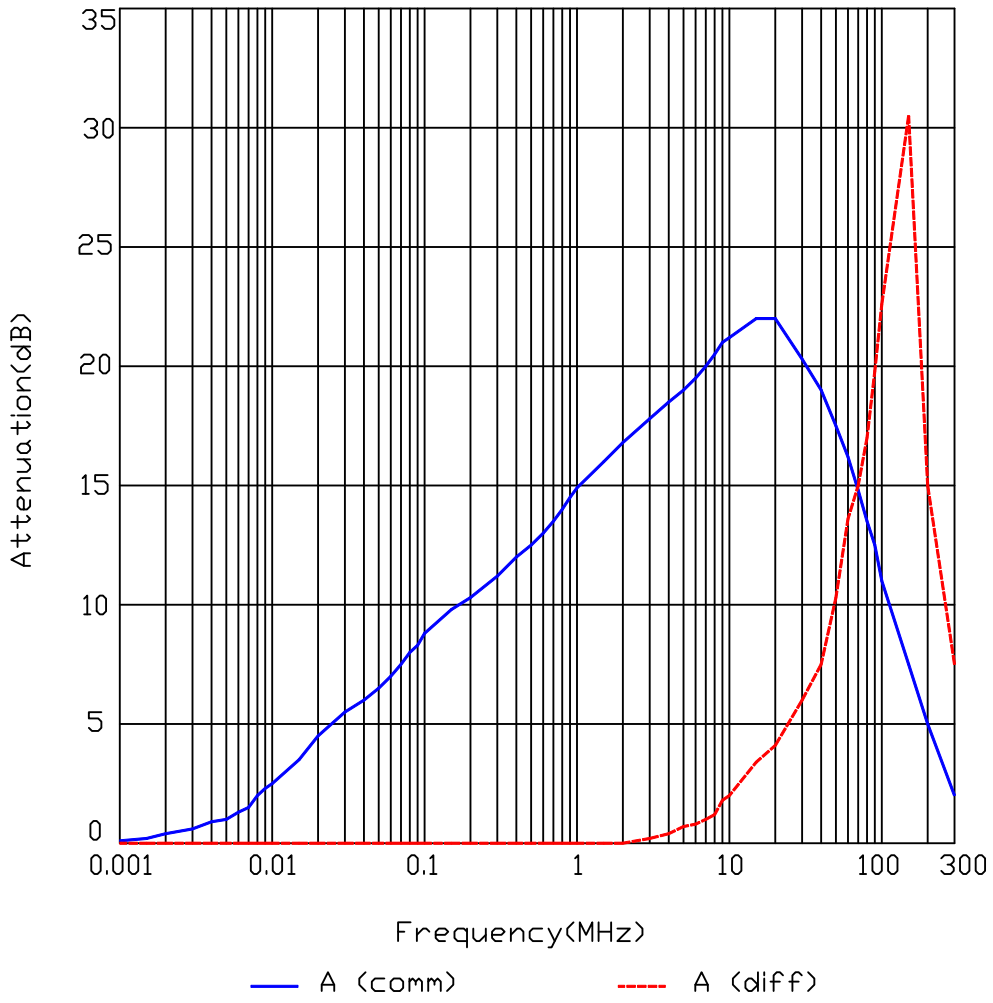

DOC. REV B/1

XFMRS ® www.XFMRS.com	Title: Common Mode Choke		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF9006XL-VMCMC9		REV B
	DWN.	Huo	Nov-13-20
	CHK.	YK Liao	Nov-13-20
SHEET 2 OF 2	APP.	Joe Huff	Nov-13-20

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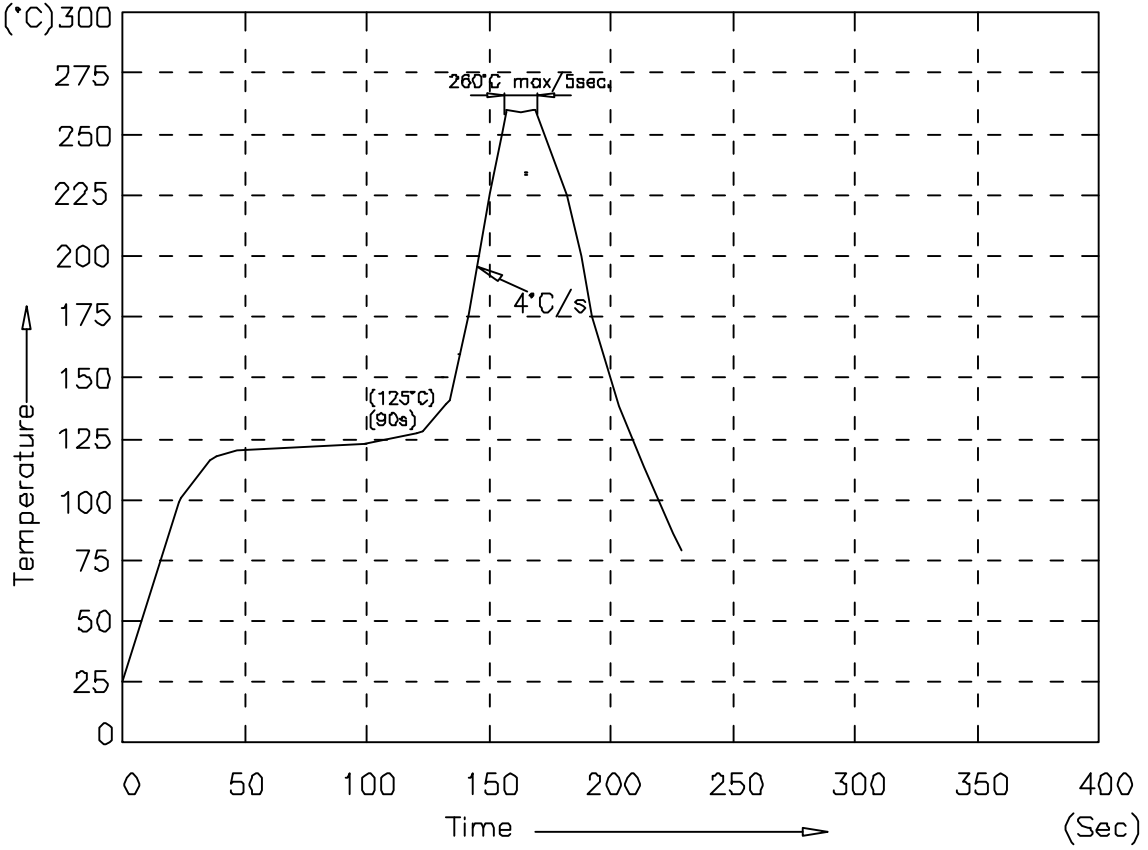
XFMRS®

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

PROPRIETARY Document is the property of XFMRS®Group & is not allowed to be duplicated without authorization.

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