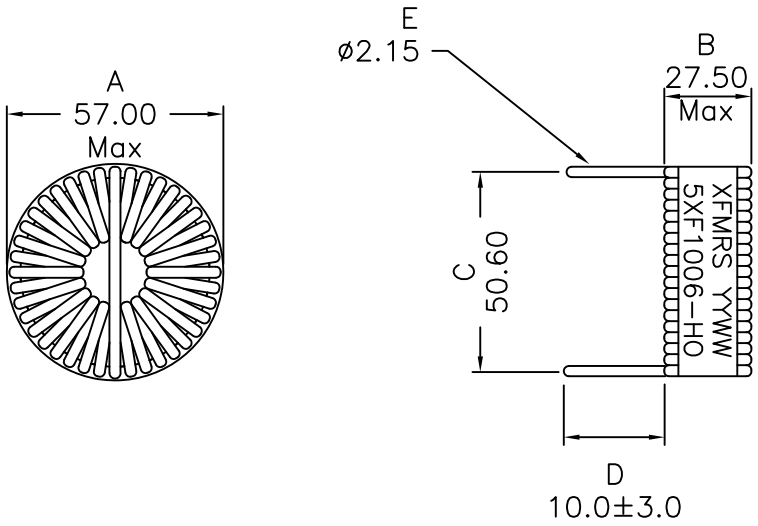
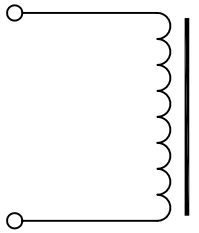
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: 99.38uH±20% @100KHz 0.1V, 0Adc
Isat: 13Adc (30% Typ drop in OCL)
Q: 10 Min @100KHz 0.1V
Irms: 17.6Adc (40°C Temp Rise)
DCR: 0.0109 Ohms Max
SRF: 1.5 MHz 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 -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

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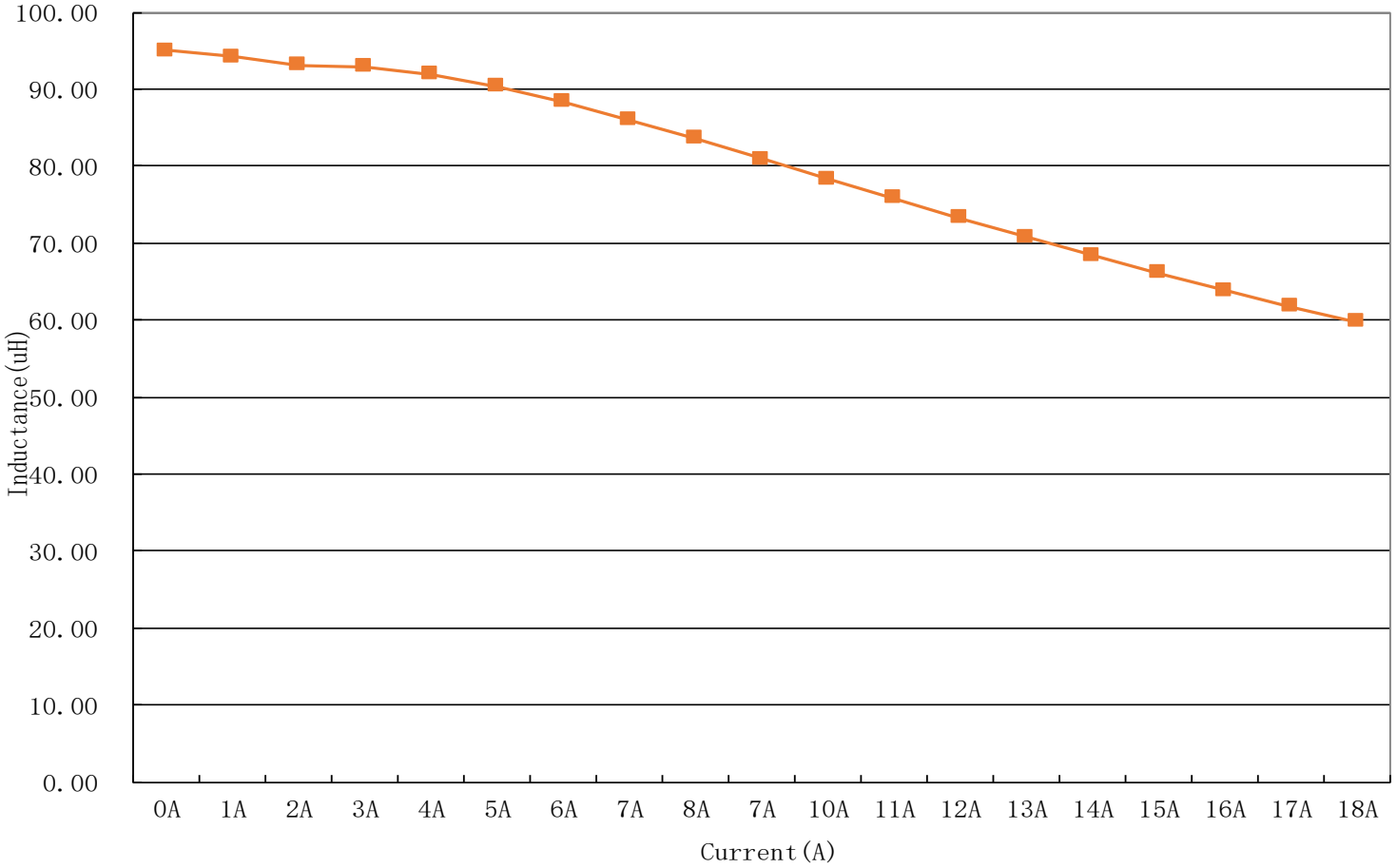
XFMRS Inc. www.XFMRS.com	Title: Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: 5XF1006-HO		REV. A
	DWN.	Huo	Jan-12-18
	CHK.	YK Liao	Jan-12-18
SHEET 1 OF 2	APP.	DDC	Jan-12-18



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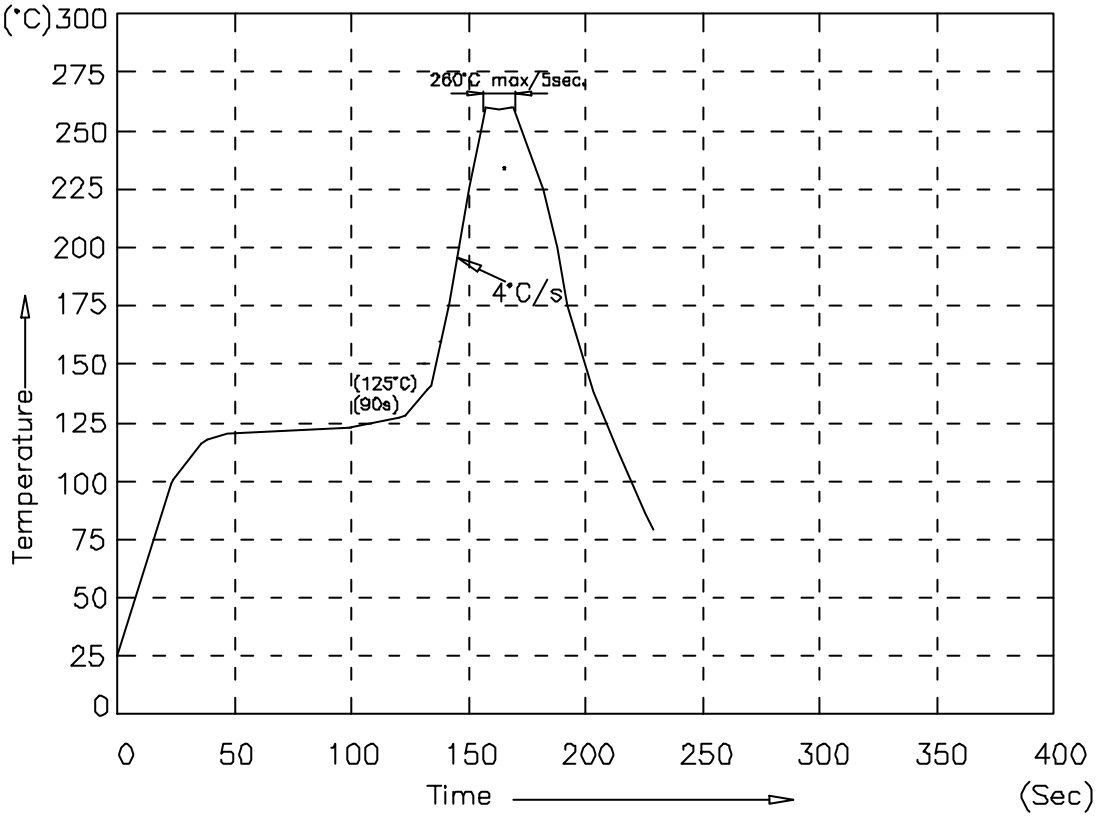
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: 5XF1006-HO		REV. A
	DWN.	Huo	Jan-12-18
	CHK.	YK Liao	Jan-12-18
SHEET 2 OF 2	APP.	DDC	Jan-12-18

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

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XFMRS Inc. 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