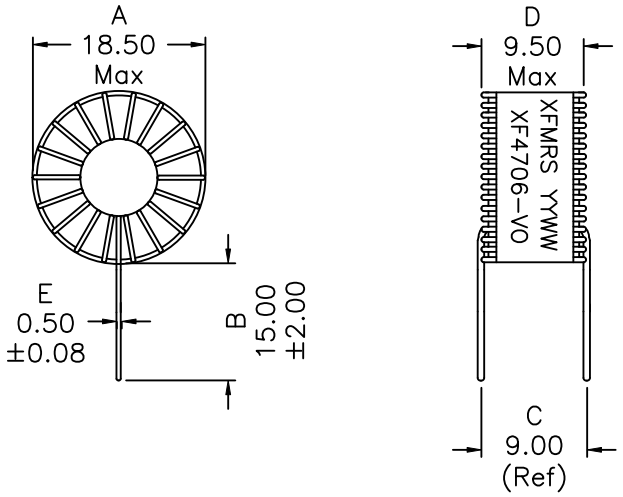
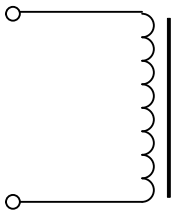
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

Inductance: 470uH±20% @1KHz,0.25V

Q: 3.0 Min @1KHz,0.25V

Current Rating: 1.0Adc (30% drop in OCL Typical)

DC Resistance: 0.225 Ohms Max.

SRF: 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 +105°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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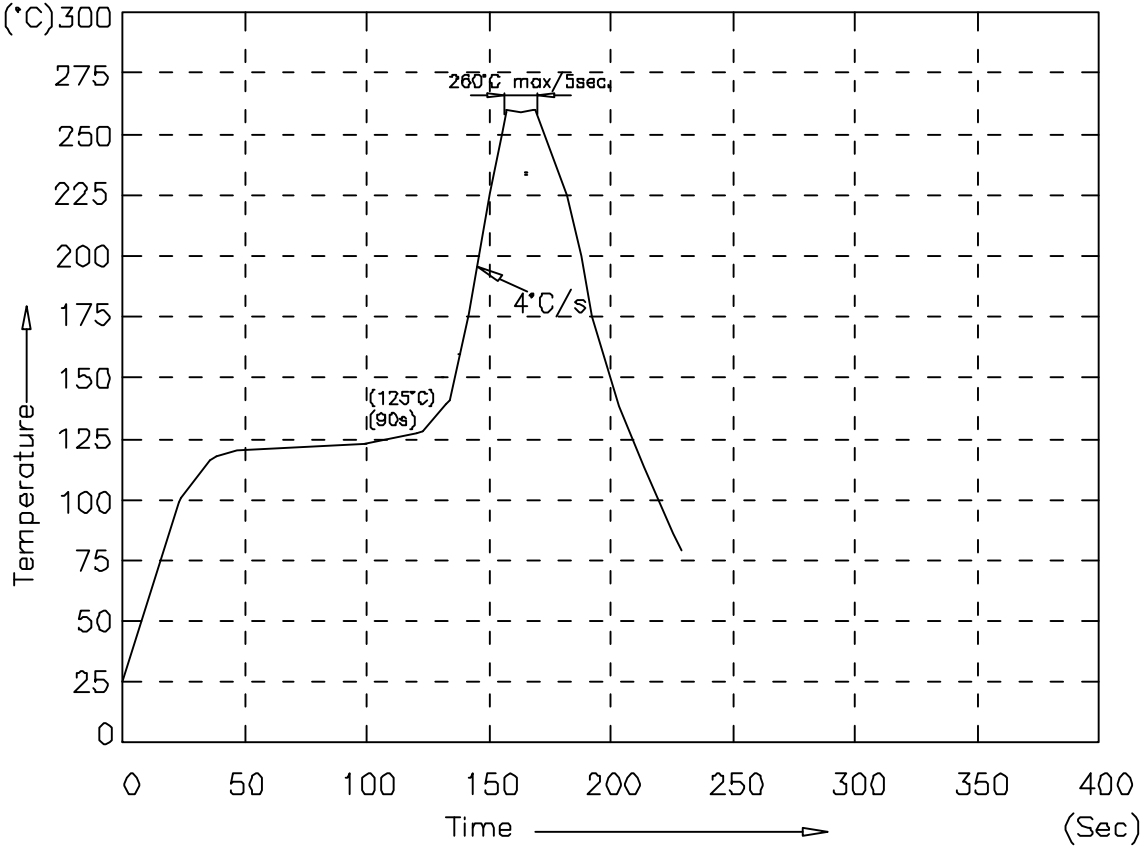
XFMRS® www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.50 Dimensions in MM	P/N: XF4706-VO		REV. A
	DWN.	Yu	Sep-05-24
	CHK.	YK Liao	Sep-05-24
SHEET 1 OF 1	APP.	AM	Sep-05-24

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

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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