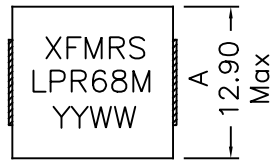
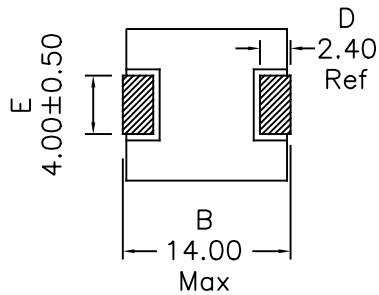
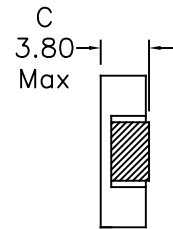


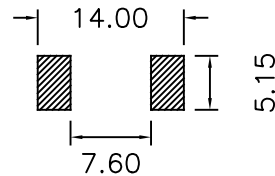
## 1. Mechanical Dimensions:



Top view

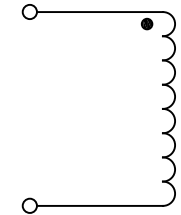


Bottom view



SUGGESTED LAND PATTERN

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.68uH ± 20% @100KHz, 0.25V

Q: 40 Min @100KHz, 0.25V

DCR: 2.50 mOhms Max, 2.30mOhms Typ

Isat: 49.0Adc (Based on 20% Typ drop in OCL)

Irms: 28.0Adc (Based on 40°C Typ Temp Rise)

SRF: 25MHz Min

### Notes:

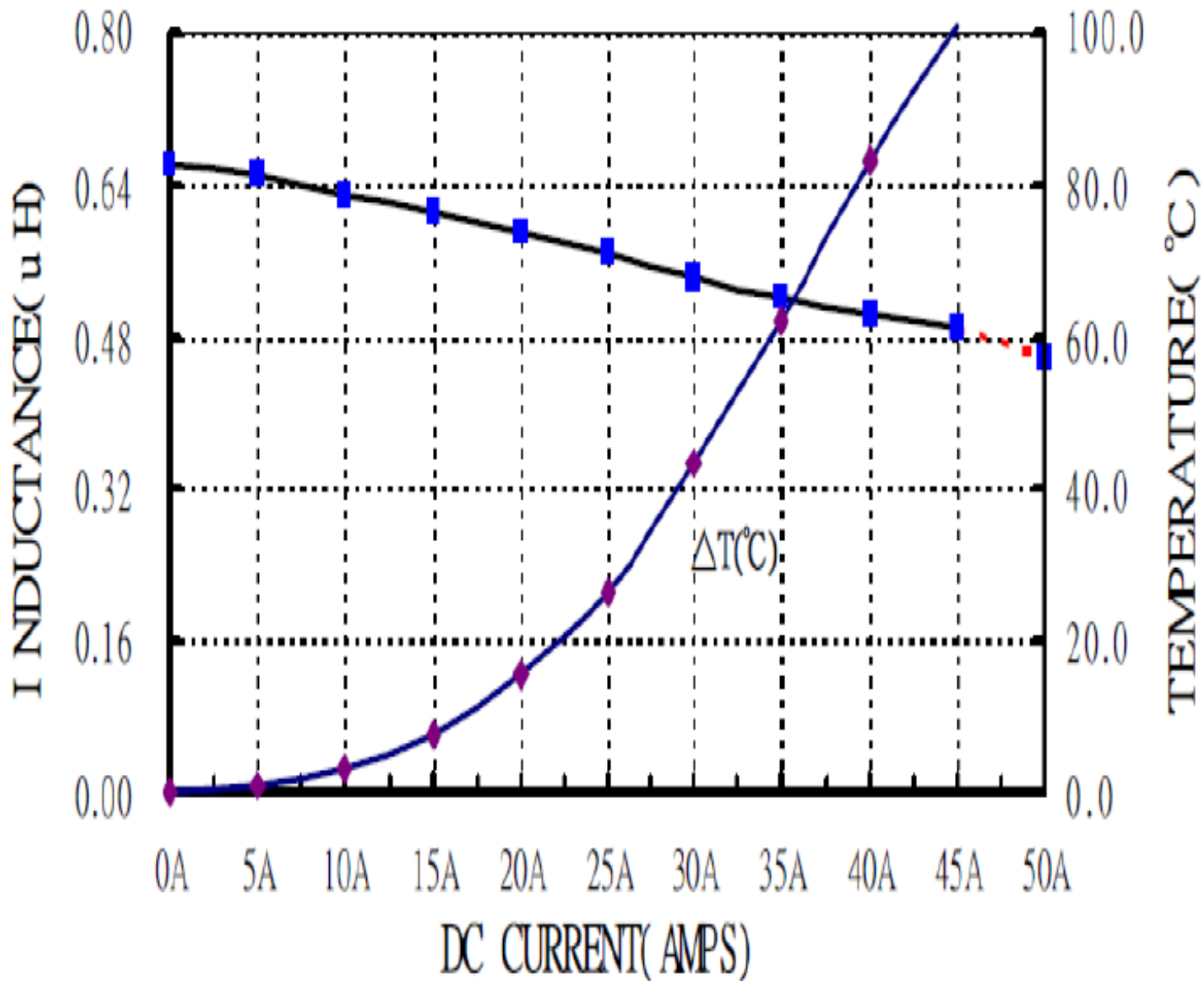
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature: -55°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 260°C Max.
12. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/6

<b>XFMRS Inc</b> www.XFMRS.com		Title: SMT POWER INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4LP-R68M		REV. A
	DWN.	Huo	Jul-15-19
	CHK.	YK Liao	Jul-15-19
SHEET 1 OF 2		APP.	GL Jul-15-19

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DOC. REV: A/6

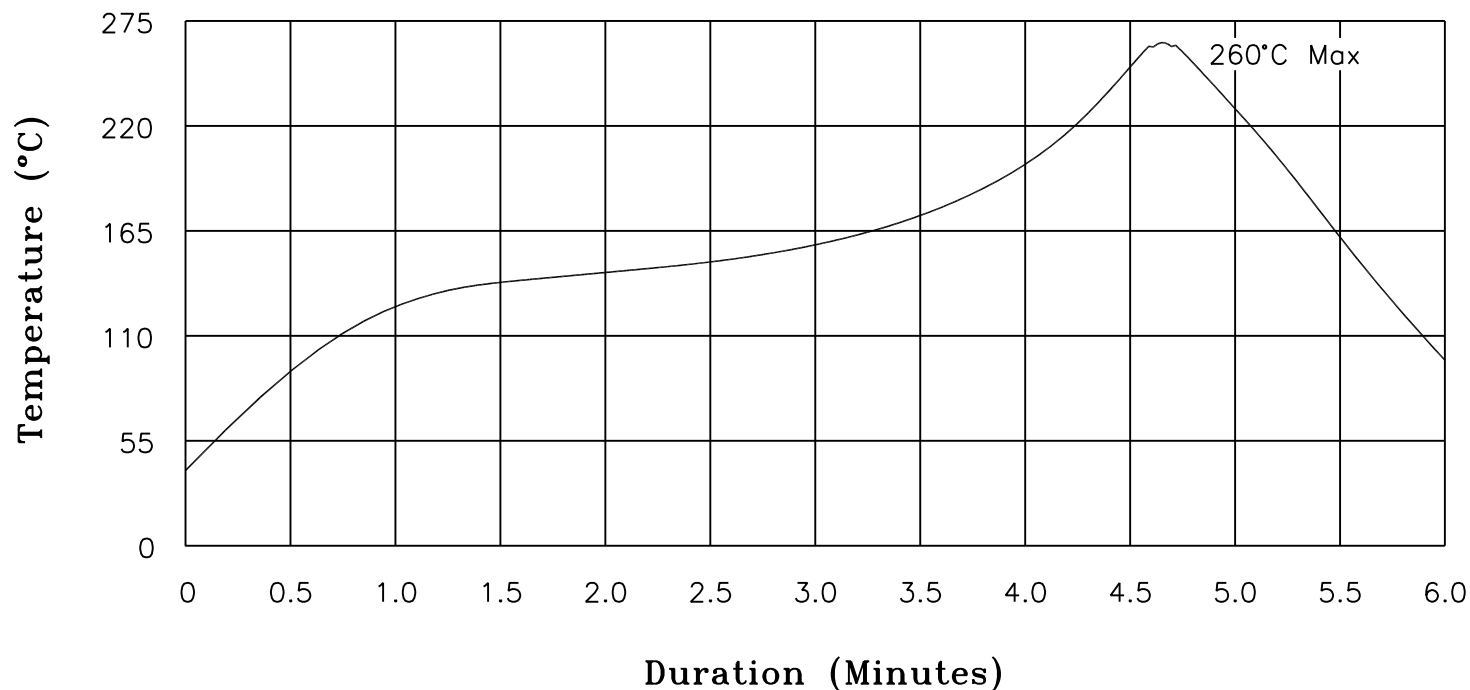
<b>XFMR5 Inc</b> www.XFMR5.com		Title: SMT POWER INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XFHCL4LP-R68M    REV. A		
		DWN.	Huo	Jul-15-19
		CHK.	YK Liao	Jul-15-19
SHEET 2 OF 2		APP.	GL	Jul-15-19

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# XFMRs

## Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts



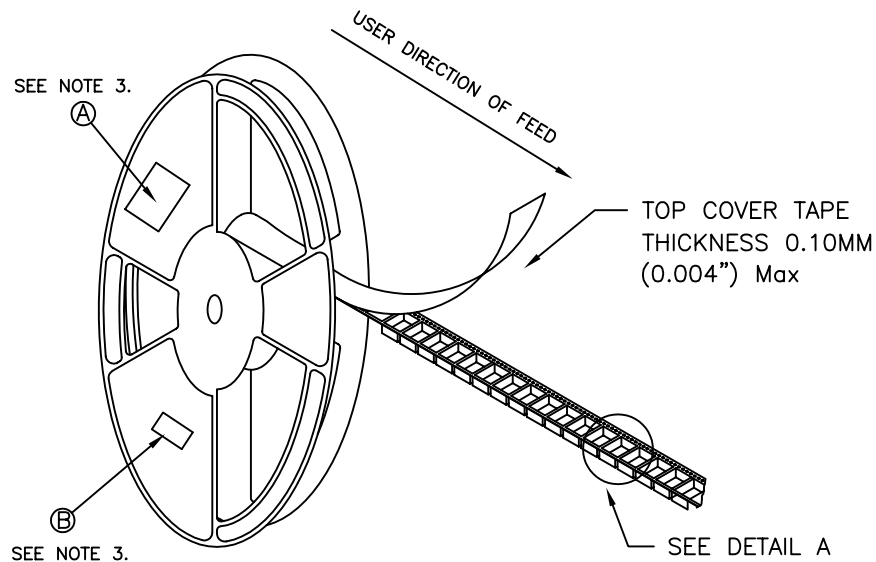
NOTES: Maximum duration at 260°+0/-5° with 10 seconds Max.  
 Maximum duration above 217° shall be 60-150 seconds.  
 ALL Temperatures refer to topside of the package, measured on the package body surface.

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>IR REFLOW CHART</b> <b>(RoHS Compliant parts)</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A	P/N: N/A	REV. A
	DWN.	Juan Mao	Jan-16-05
	CHK.	YK Liao	Jan-16-05
SHEET 1 OF 1	APP.	MS	Jan-16-05

**PROPRIETARY**

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# TAPE AND REEL SPECIFICATION:



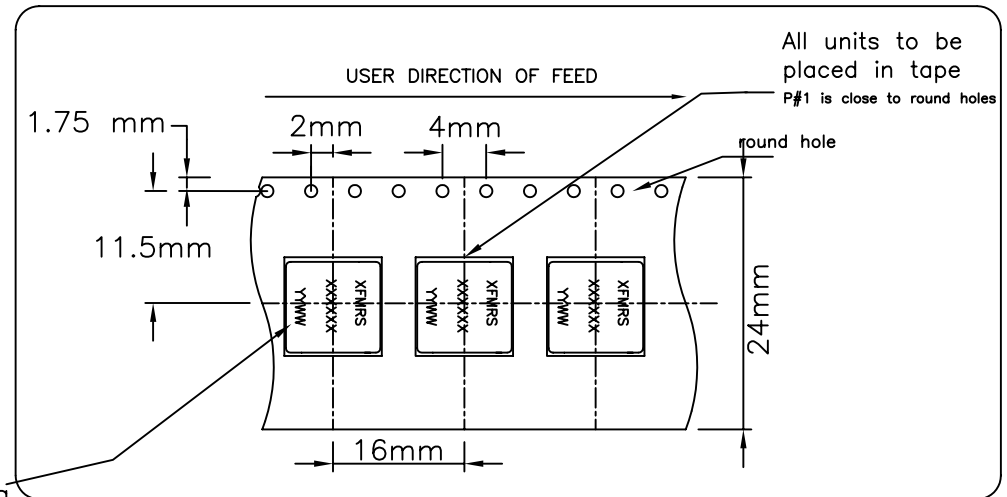
REEL AND TAPE ORIENTATION

13" REEL DIAMETER

## NOTES:

- 1) PROCESS IN ACCORDANCE WITH EIA-481-2 STANDARDS
  - \* TAPE LEADER DIMENSION 15.30" MIN.
  - \* TAPE TRAILER DIMENSION 6.30" MIN.
- 2) PARTS SHOULD BE PACKAGED IN ACCORDANCE WITH ESD GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' \* PART NUMBER
  - \* QUANTITY
  - \* DATE CODE
- 4) 500pcs PER 13" REEL

DETAIL A



Details Marking  
Refer to the  
FG drawing

<b>XFMR5 Inc</b> www.XFMR5.com	Title: T&R SPEC		
	UNLESS OTHERWISE SPECIFIED		P/N:XFHCL4LP Series
TOLERANCES: .xxs ±0.05 Dimensions in mm	DWN.	Kong	Jun-06-07
	CHK.	Kong	Jun-06-07
SHT 2 OF 2	APP.	MS	Jun-06-07

DOC REV: A/1

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