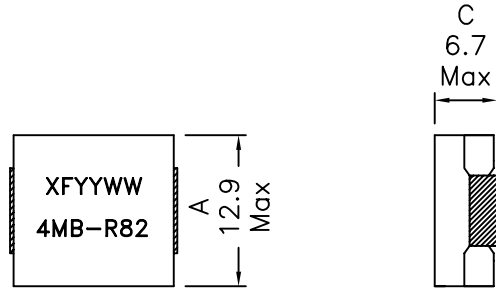
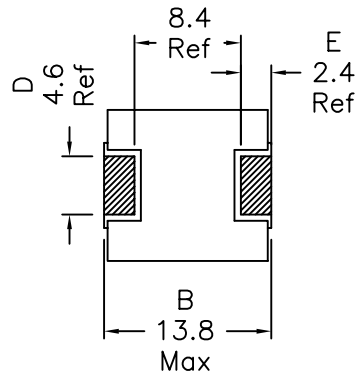


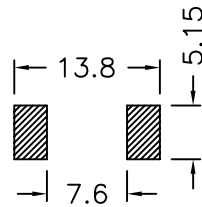
1. Mechanical Dimensions:



TOP VIEW

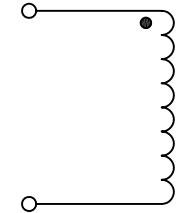


BOTTOM VIEW



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specifications: @25C

OCL: 0.82uH±20% @100KHz 0.25V

Q: 15 Min @100KHz 0.25V

DCR: 1.9 mOhms Max

Isat: 50Adc (Based on 20% Typ drop in OCL)

Irms: 31.4Adc (Based on 40°C Temp Rise)

Notes:

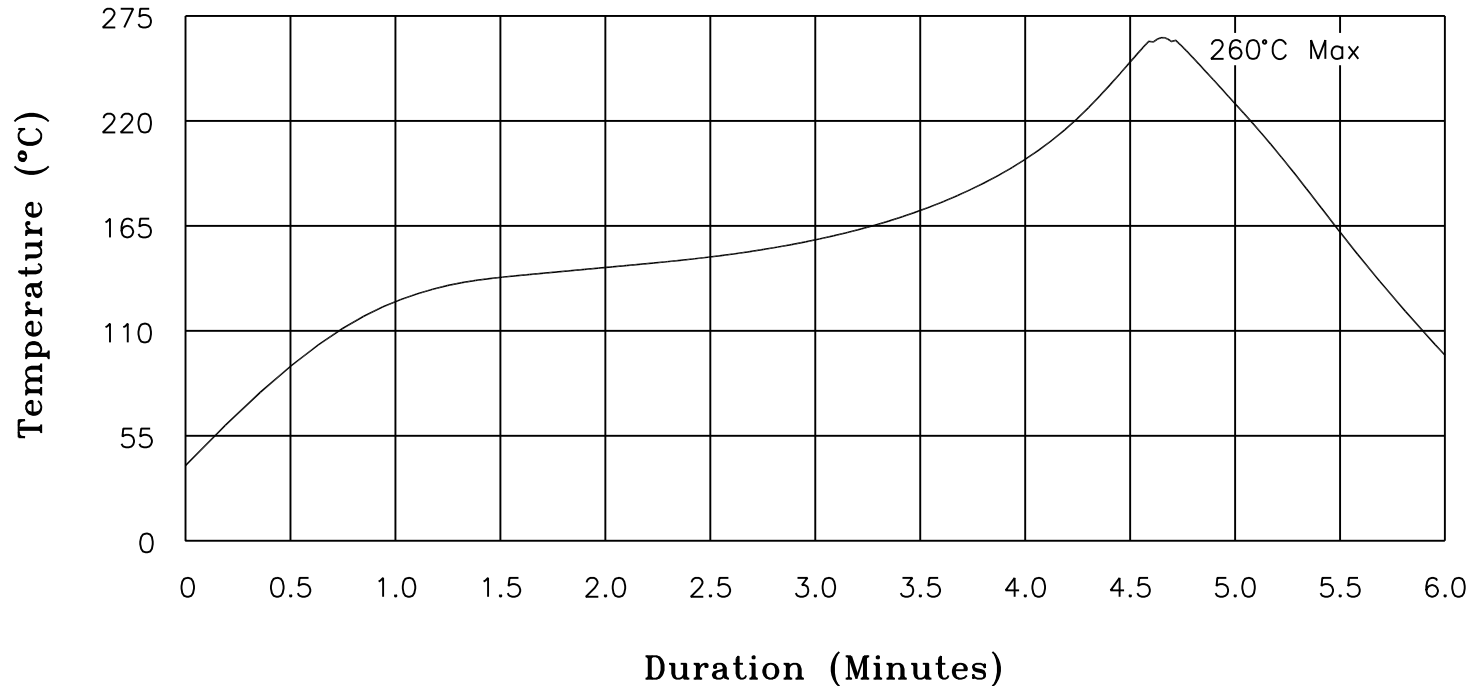
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +125°C
6. Storage Temperature 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

DOC. REV: A/1

XFMRs Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4MB-R82M	REV. A
	DWN.	Feng	Sep-28-11
	CHK.	YK Liao	Sep-28-11
SHT 1 OF 1	APP.	BW	Sep-28-11

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

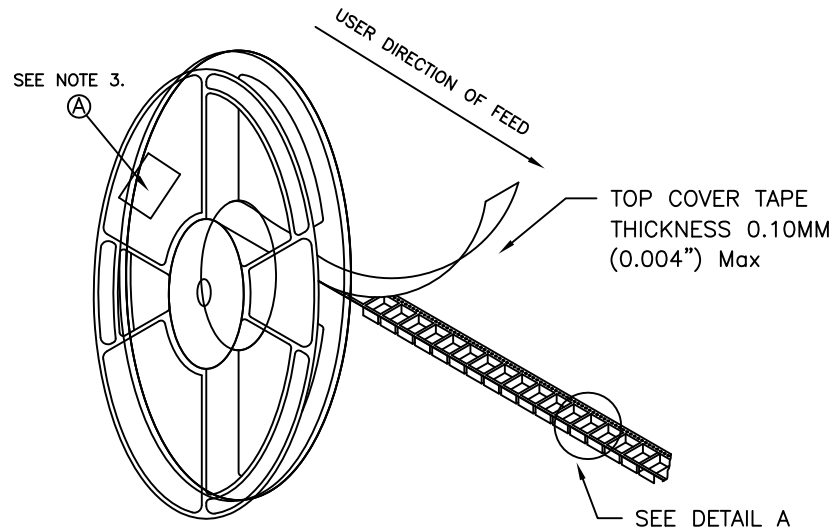


NOTES: Maximum duration at 260°+0/-5° with 10 seconds Max.
 Maximum duration above 217° shall be 60-150 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

XFMRs Inc www.XFMRs.com	Title: IR REFLOW CHART (RoHS Compliant parts)		
	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

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TAPE AND REEL SPECIFICATION:



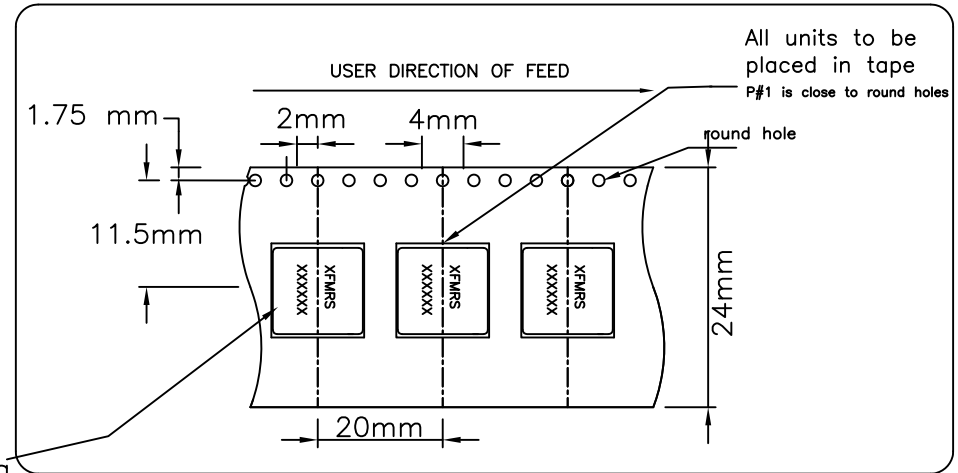
REEL AND TAPE ORIENTATION

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) 250pcs PER 13"REEL

DETAIL A



Details Marking
Refer to the
FG drawing

DOC REV: A/2

XFMR5 Inc www.XFMR5.com	Title: T&R SPEC			
	UNLESS OTHERWISE SPECIFIED		P/N: XFHCL4MB Series	REV: A
TOLERANCES:	.xxs ±0.15	DWN.	Kong	Dec-14-16
Dimensions in mm		CHK.	YK Liao	Dec-14-16
SHT 1 OF 1		APP.	DDC	Dec-14-16

PROPRIETARY

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