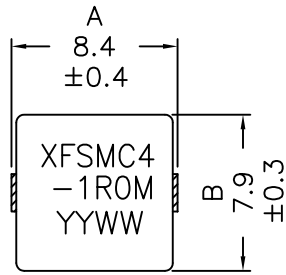
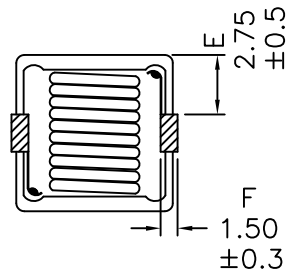
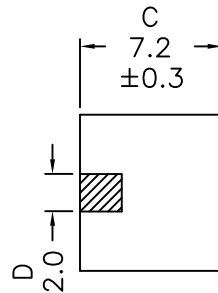


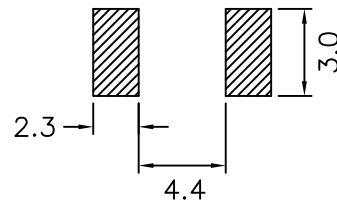
1. Mechanical Dimensions:



Top View



Bottom View

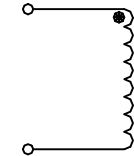


Typical Pad Layout (Min)

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: All listed parameters are to be within tolerance from -40°C to +125°C
6. Storage Temperature Range: -40°C to +60°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004''$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. DCR is measured at solder joint, not on terminal
12. Max Inductor temp should not exceed 125°C
13. Recommended IR Reflow peak temp of 245C Max.

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.00uH \pm 20% @100KHz 10mA

Q: 8 Min @100KHz 10mA

DCR: 3.90 mOhms Max (note 11)

I_{rms}: 17.0A (Based on 40°C Temp Rise Typ)

I_{sat}: 24.0Adc (Based on 30% drop in OCL Typ)

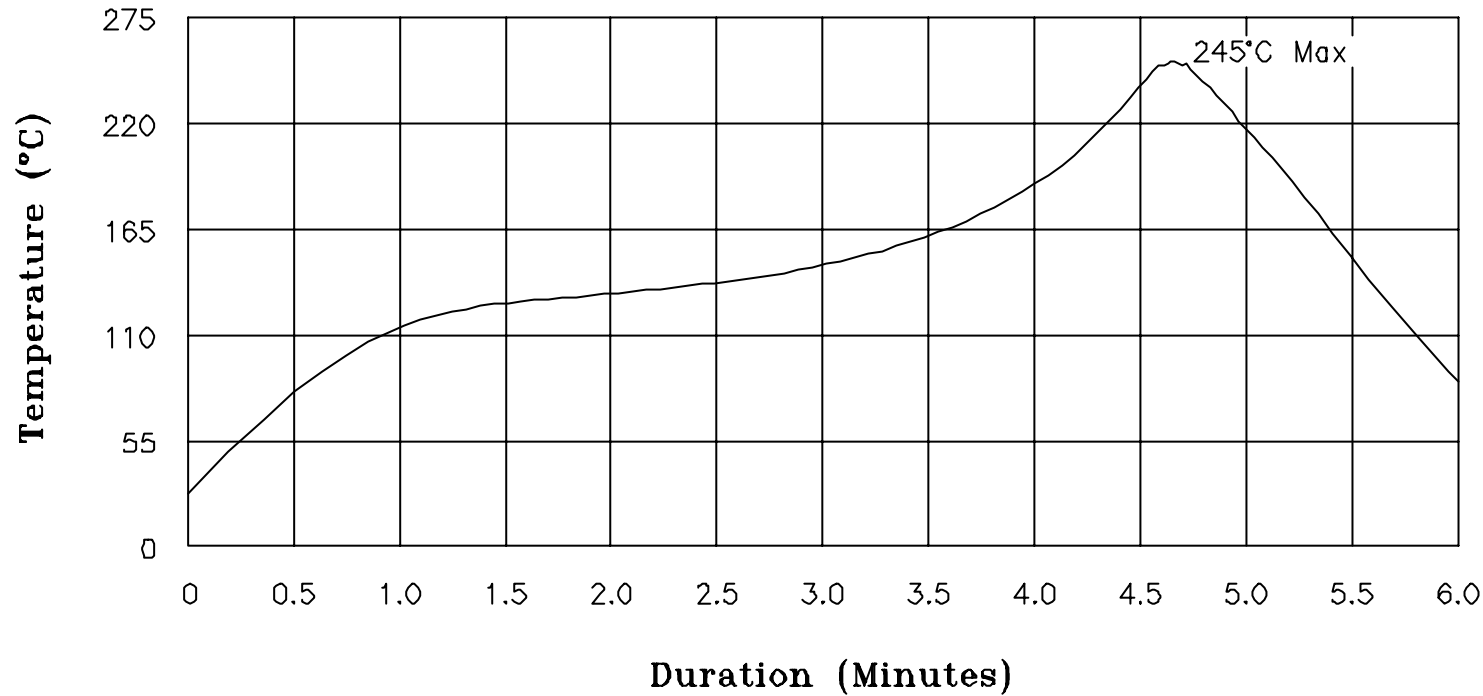
SRF: 147MHz Typ

DOC. REV: A/2

XFMRs Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx \pm 0.25 Dimensions in MM	P/N: XFSMC4-1ROM		REV. A
	DWN.	Yuan	May-20-16
SHEET 1 OF 1	CHK.	YK Liao	May-20-16
	APP.	BSJ	May-20-16

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

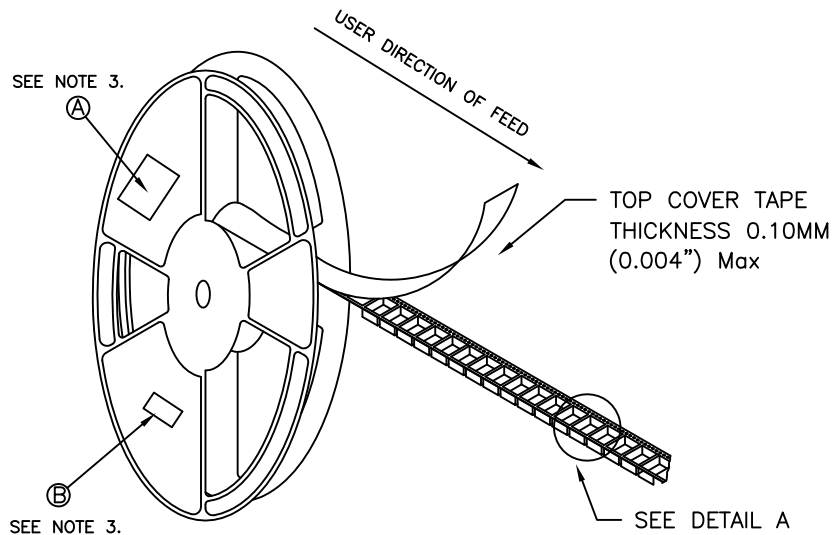


NOTES: Maximum duration at 245°+0/-5° shall be 10-15 seconds.
 Maximum duration above 217° shall be 50-120 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

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	Dec-20-06	
	CHK.	YK Liao	Dec-20-06	
SHEET 1 OF 1	APP.	Joe Huff	Dec-20-06	

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TAPE AND REEL SPECIFICATION:



REEL AND TAPE ORIENTATION

13" REEL DIAMETER

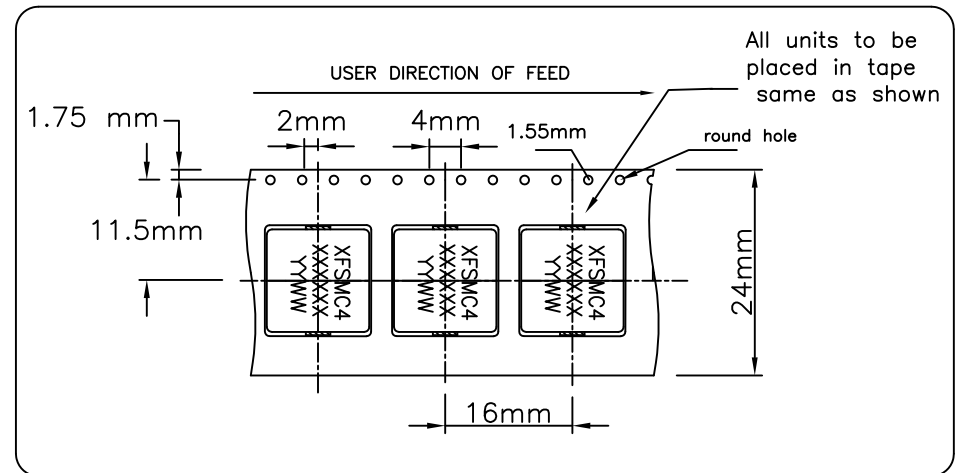
FOR PARTS:

XFSMC4 SERIES

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
 'B' - ANTI-STATIC CAUTION LABEL
- 4) 450PCS PER 13" REEL

DETAIL A



DOC. REV. A/1

XFMRS Inc	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm SHT 2 OF 2	P/N:XFSMC4 series		REV: A
	DWN.	Kong	Dec-18-12
	CHK.	YK Liao	Dec-18-12
	APP.	BSJ	Dec-18-12

PROPRIETARY

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