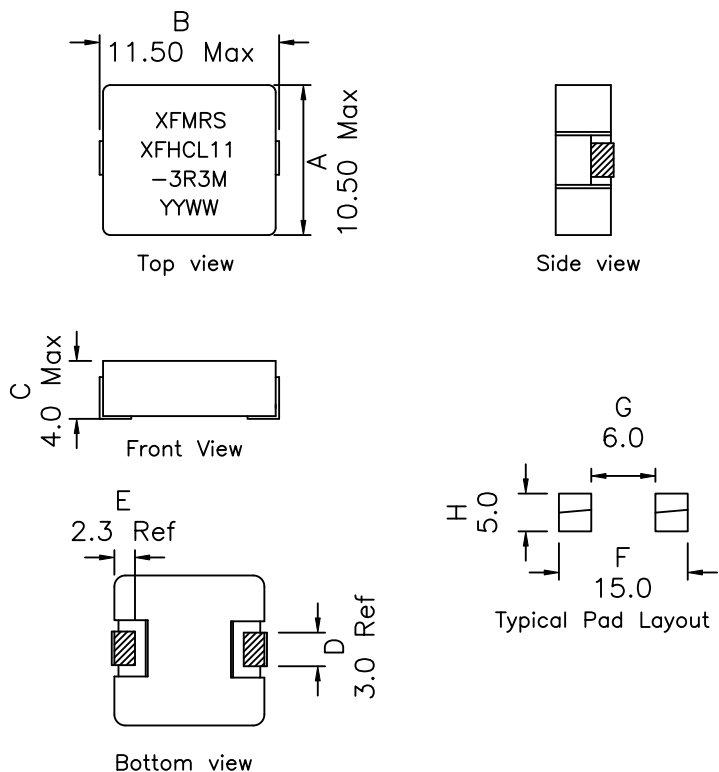
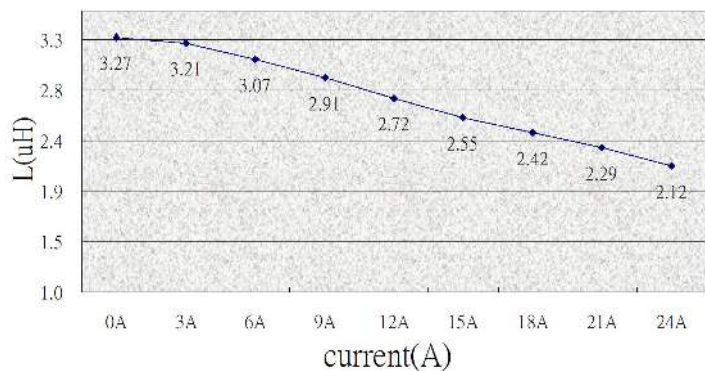


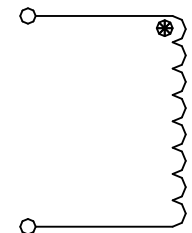
1. Mechanical Dimensions:



L vs IDC



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 3.3uH±20% @100KHz, 0.1V

Q: 23 Min @100KHz, 0.1V

DCR: 11.80 mOhms Max

Isat: 18.6A (Based on 20% drop in OCL)

Irms: 10.0A (Base on 40°C Temp Rise)

Notes:

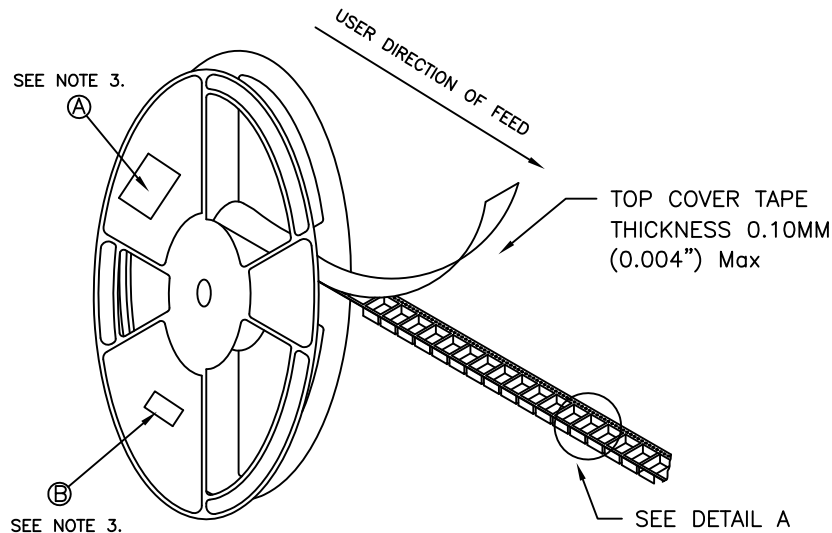
- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- AEC-Q200 Certified Product

XFMRs Inc www.XFMRs.com	Title: XFHCL11 SERIES INDUCTORS		
	P/N: XFHCL11-3R3M	REV. A	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	DWN.	Xianyì	Mar-28-22
	CHK.	YK Liao	Mar-28-22
SHEET 1 OF 1	APP.	TCH	Mar-28-22

DOC. REV: A/4

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TAPE AND REEL SPECIFICATION:



REEL AND TAPE ORIENTATION

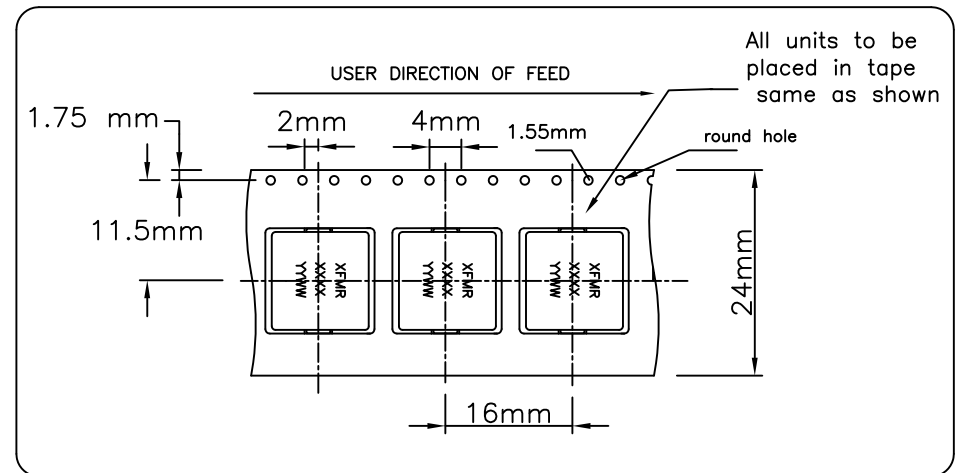
13" REEL DIAMETER

FOR ALL XFHCL11-XXXX 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
- 4) 500PCS PER 13" REEL

DETAIL A



DOC. REV. A/2

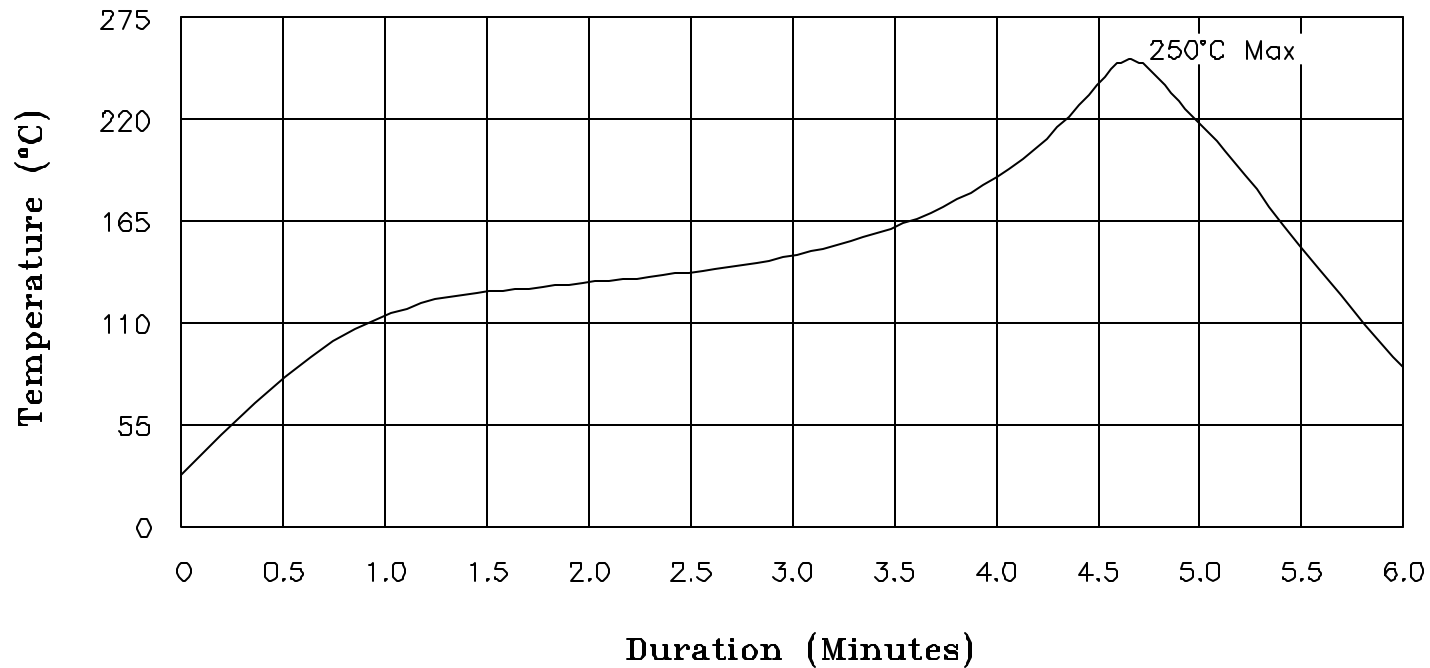
XFMRs Inc	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED	P/N: XFHCL11 series		REV: A
TOLERANCES: .xxs ±xxxxx	DWN.	Kong	Oct-31-17
Dimensions in mm	CHK.	YK Liao	Oct-31-17
SHT 1 OF 1	APP.	GL	Oct-31-17

PROPRIETARY

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XFMRs

Recommended Infrared Reflow Temperature Profile for Select Parts



NOTES: Maximum duration at 250°+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 (250°C)			
	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	