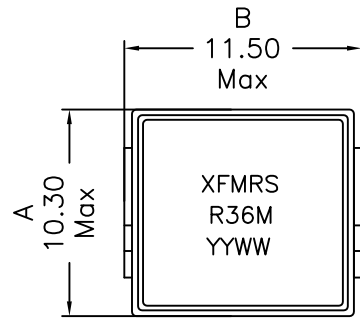
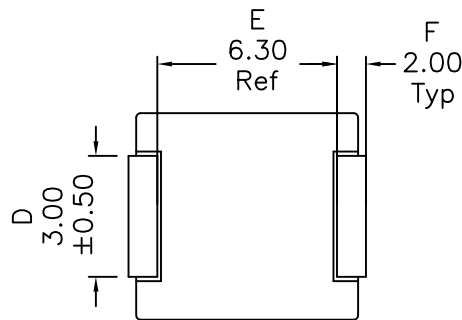
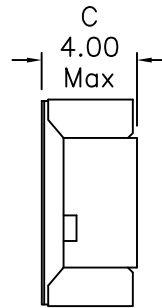


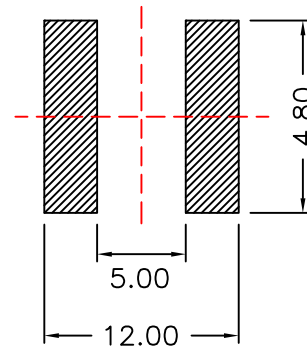
## 1. Mechanical Dimensions:



(TOP VIEW)

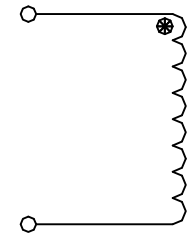


(BOTTOM VIEW)



(Land Patterns)

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.36uH±20% @100KHz, 0.25V

Q: 8.0 Min @100KHz, 0.25V

DCR: 1.20 mOhms Max

Isat: 50.0A (Based on 30% Typ drop in OCL)

Irms: 32.0A (Based on 40°C Typ Temp Rise)

SRF: tbd Min

### Notes:

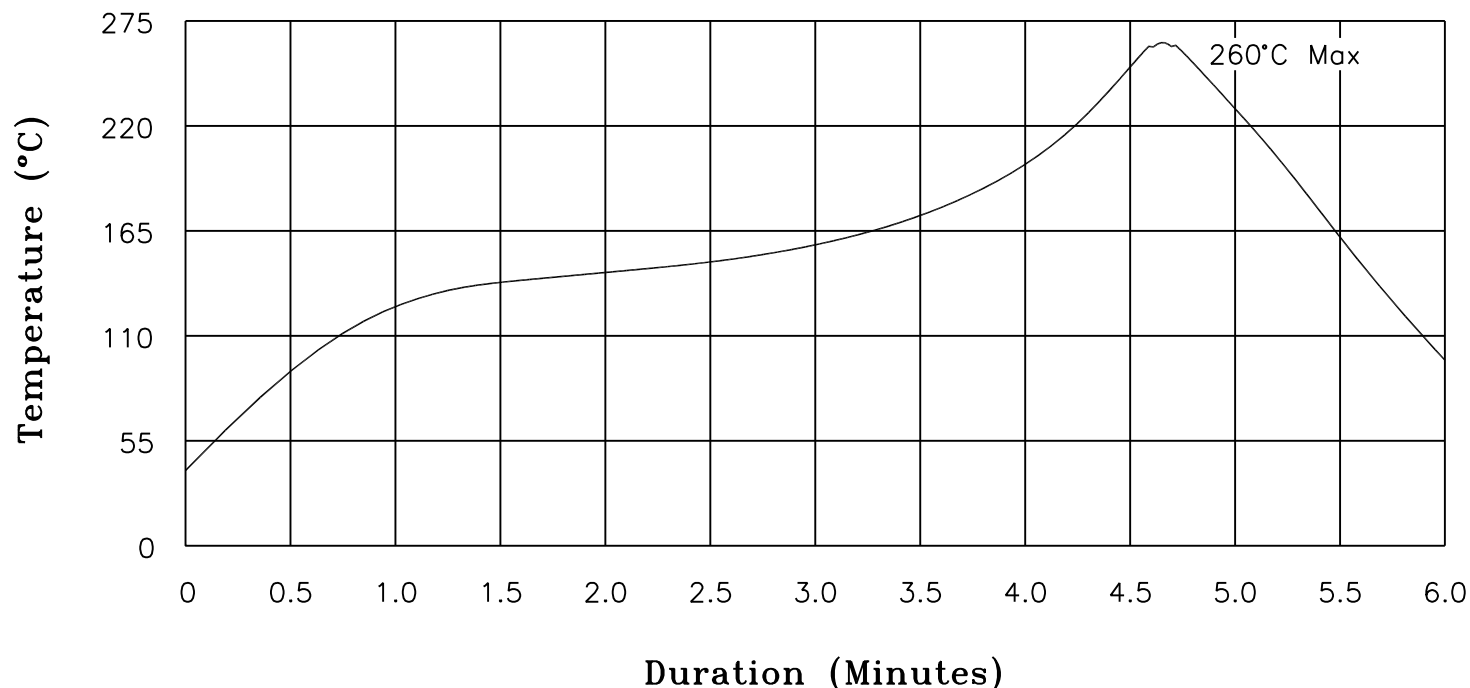
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature: -55°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible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

DOC. REV: A/4

<b>XFMRS Inc</b> <a href="http://www.XFMRS.com">www.XFMRS.com</a>	Title: <b>XFHCL11 SERIES INDUCTORS</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL11-R36M	REV. A
SHEET 1 OF 1	DWN.	Huo	Sep-12-18
	CHK.	YK Liao	Sep-12-18
	APP.	BW	Sep-12-18

# XFMRs

## Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

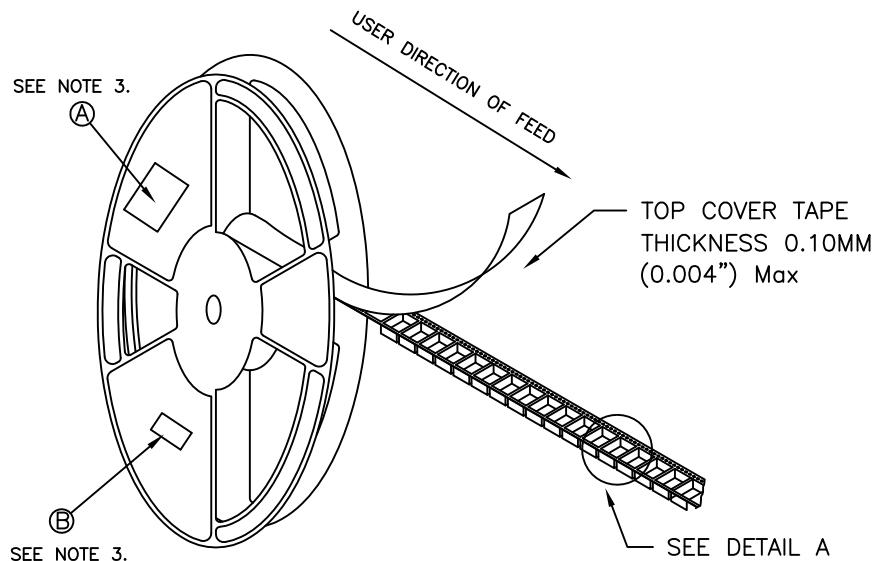


NOTES: Maximum duration at 260°+0/-5° with 10 seconds Max.  
 Maximum duration above 217° shall be 60-150 seconds.  
 ALL Temperatures refer to topside of the package, measured on the package body surface.

<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

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# TAPE AND REEL SPECIFICATION:



REEL AND TAPE ORIENTATION

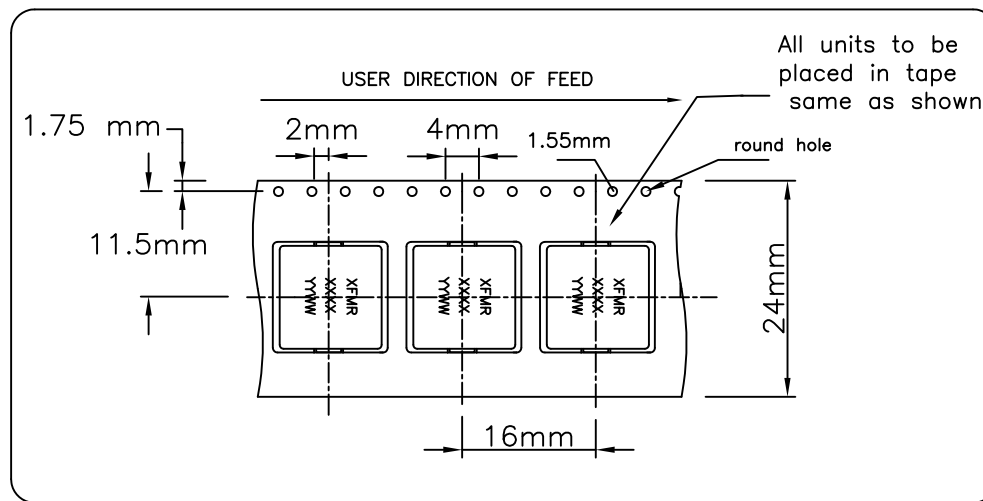
**13" REEL DIAMETER**

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

<b>XFMR5 Inc</b>	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxxx Dimensions in mm	P/N: XFHCL11 series		REV: A
	DWN.	Kong	Oct-31-17
	CHK.	YK Liao	Oct-31-17
SHT 1 OF 1	APP.	GL	Oct-31-17

**PROPRIETARY**

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