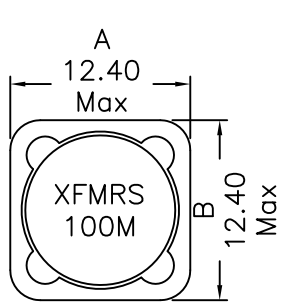
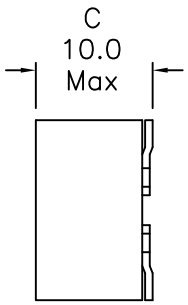
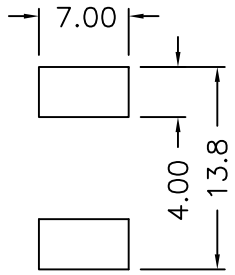
1. Mechanical Dimensions:



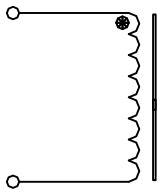


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 10uH±20% @1KHz 0.1V

Q: 5 Min @100KHz 0.1V

DCR: 0.021 Ohms Max

Isat: 10.5 ADC Max (10% Typ drop in OCL)

Irms: 7.1 ADC Max (Based on 40°C Temp Rise)

SRF: 9MHz 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 +85°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. 260°C IR Reflow Compatible

DOC REV A/2

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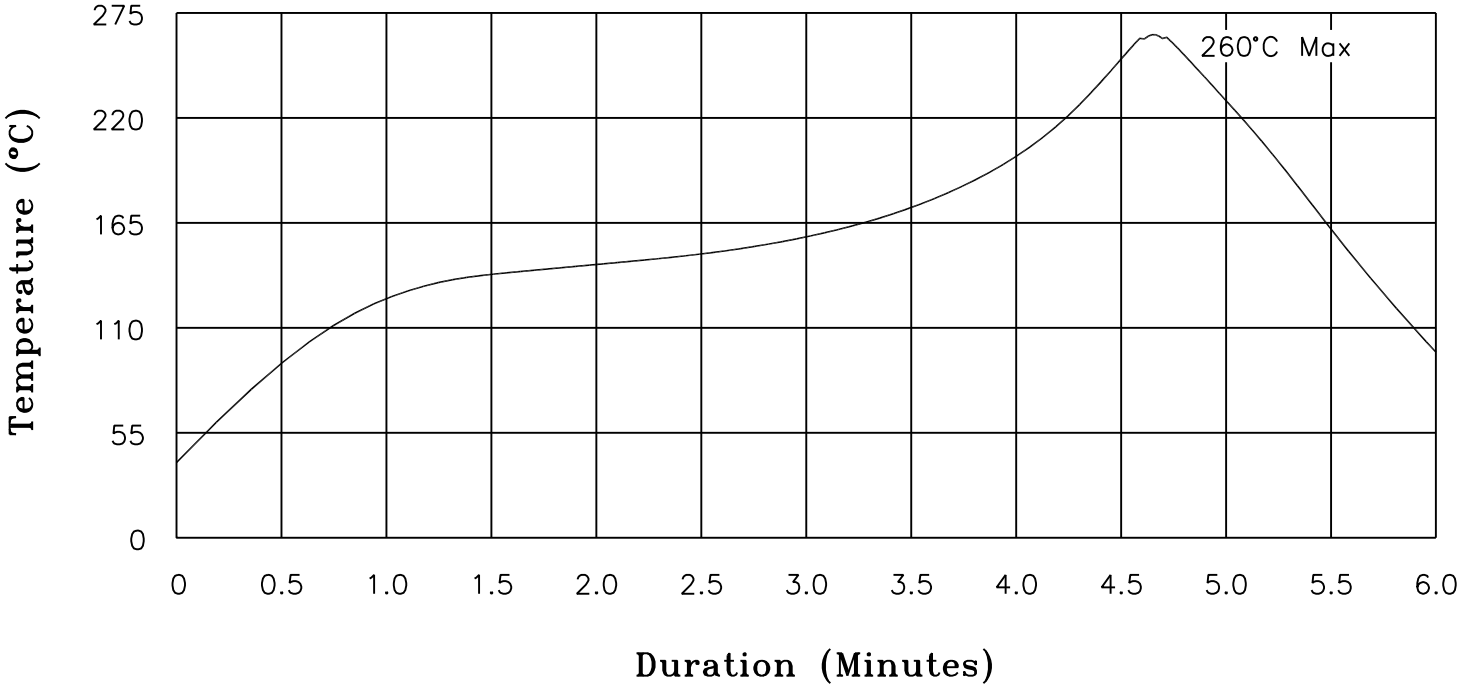
XFMRS Inc. www.XFMRS.com	Title: XFTPRH1210 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH1210-100M		REV. A
	DWN.	Xiang	Mar-28-16
	CHK.	YK Liao	Mar-28-16
SHEET 1 OF 1	APP.	BSJ	Mar-28-16

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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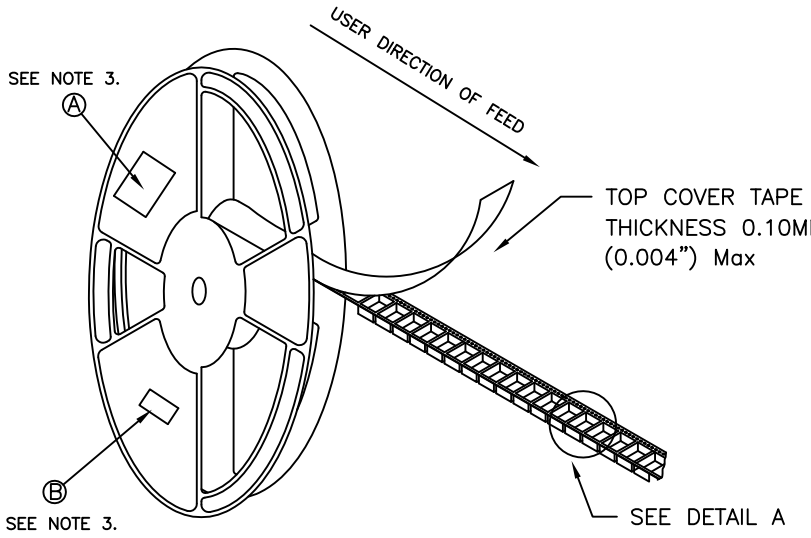
95-TPRH-10

TAPE AND REEL SPECIFICATION:

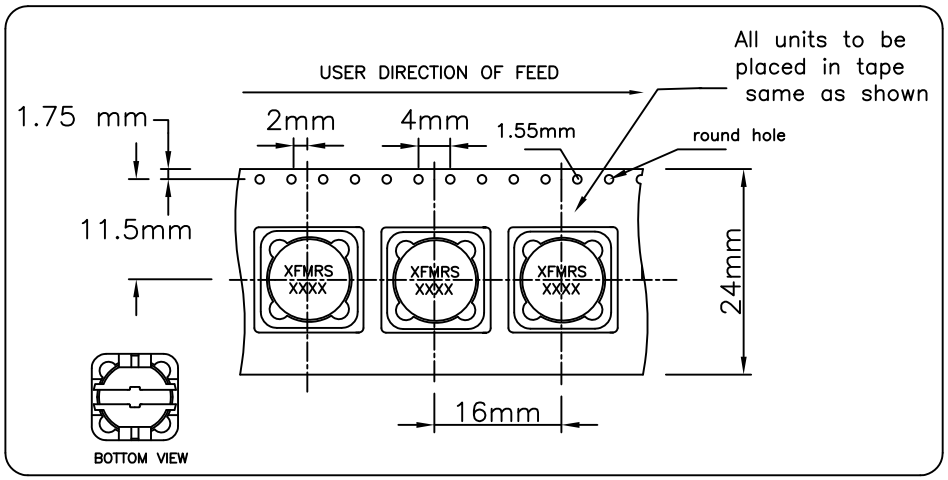
NOTES:

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) 300PCS PER 13"REEL



REEL AND TAPE ORIENTATION

DETAIL A



13" REEL DIAMETER

FOR ALL:XFTPRH1210 & XFTPRH1210B SERIES

DOC. REV. A/2

XFMRS Inc	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm	P/N:XFTPRH1210(B) series		REV: A
	DWN.	Kong	Jan-23-17
	CHK.	YK Liao	Jan-23-17
SHT 1 OF 1	APP.	GL	Jan-23-17

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