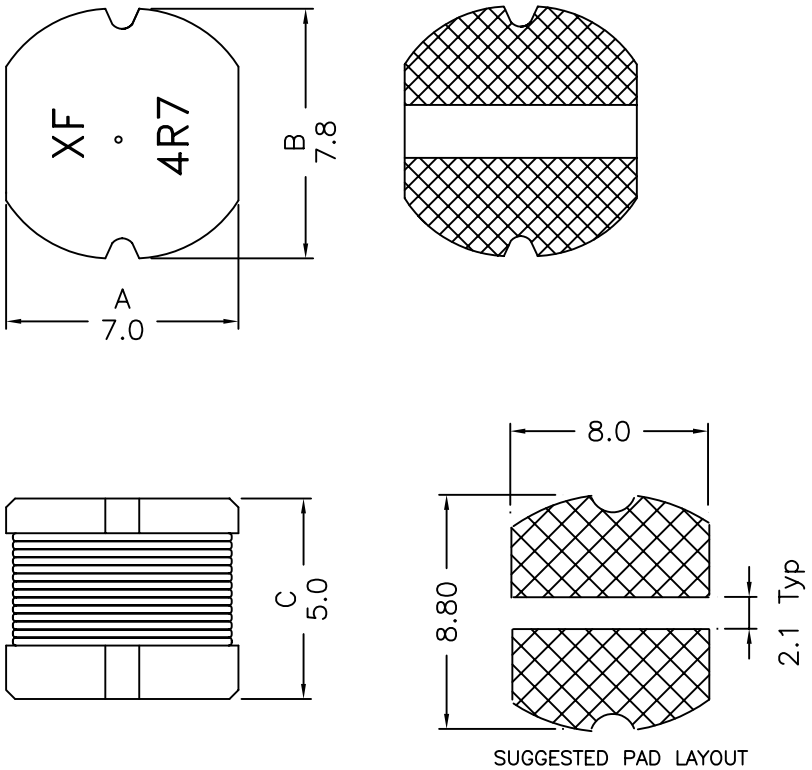
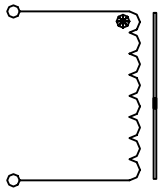
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: 4.7uH±20% @1KHz 1.0V

Q: 31 Typ @7.96MHz 1.0V

DCR: 0.033 Ohms Max

SRF: 38MHz Typ

Irms: 3.70Adc Max (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 +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

XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFSDR75-4R7M		REV. A
	DWN.	李小锋	Jan-12-11
	CHK.	袁玉坤	Jan-12-11
SHT 1 OF 1	APP.	BW	Jan-12-11

DOC. REV A/3

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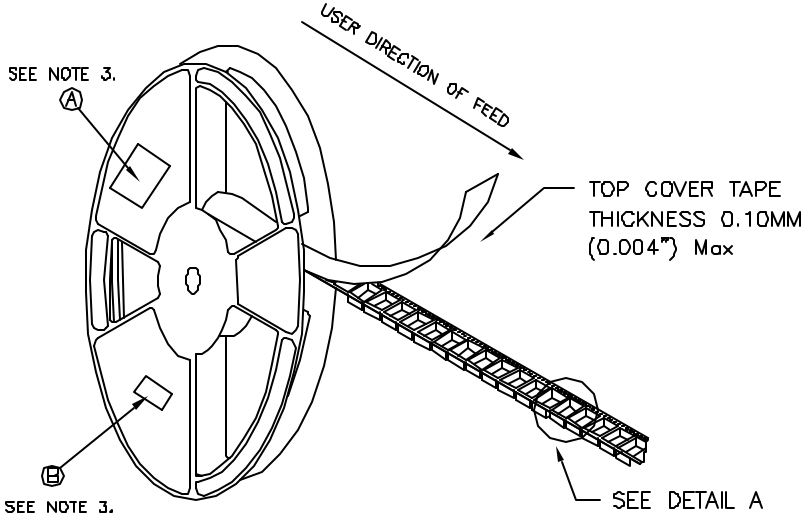
TAPE AND REEL SPECIFICATION:



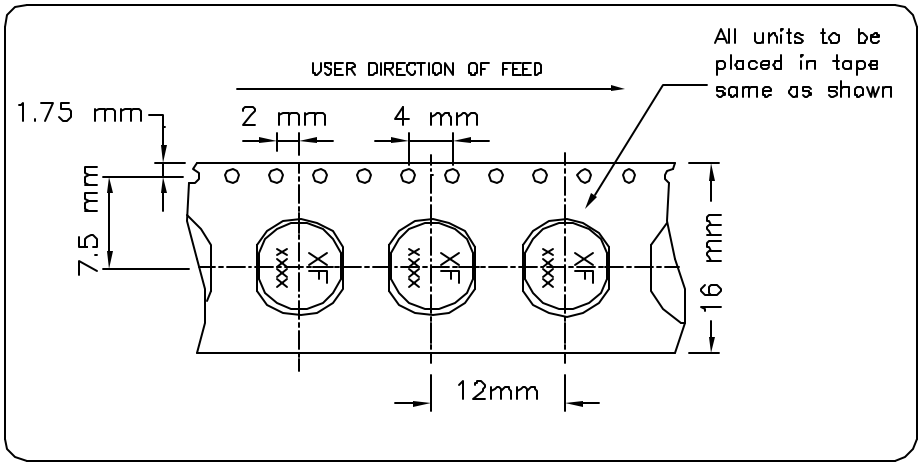
REEL AND TAPE ORIENTATION

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' * CUSTOMER PART NUMBER
   * QUANTITY
   * DATE CODE
   'B'- ANTI-STATIC CAUTION LABEL
4) 1000 PCS PER 13"REEL

DETAIL A



DOC.REV:A/2

XFMRS Inc	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .XXS ±XXXX Dimensions in mm	P/N: XFSDR75 series		REV. A
	DWN.	康玉坤	JUL-19-02
	CHK.	李清 IL	JUL-19-02
	APP.	BW	JUL-19-02
SHT 1 OF 2			

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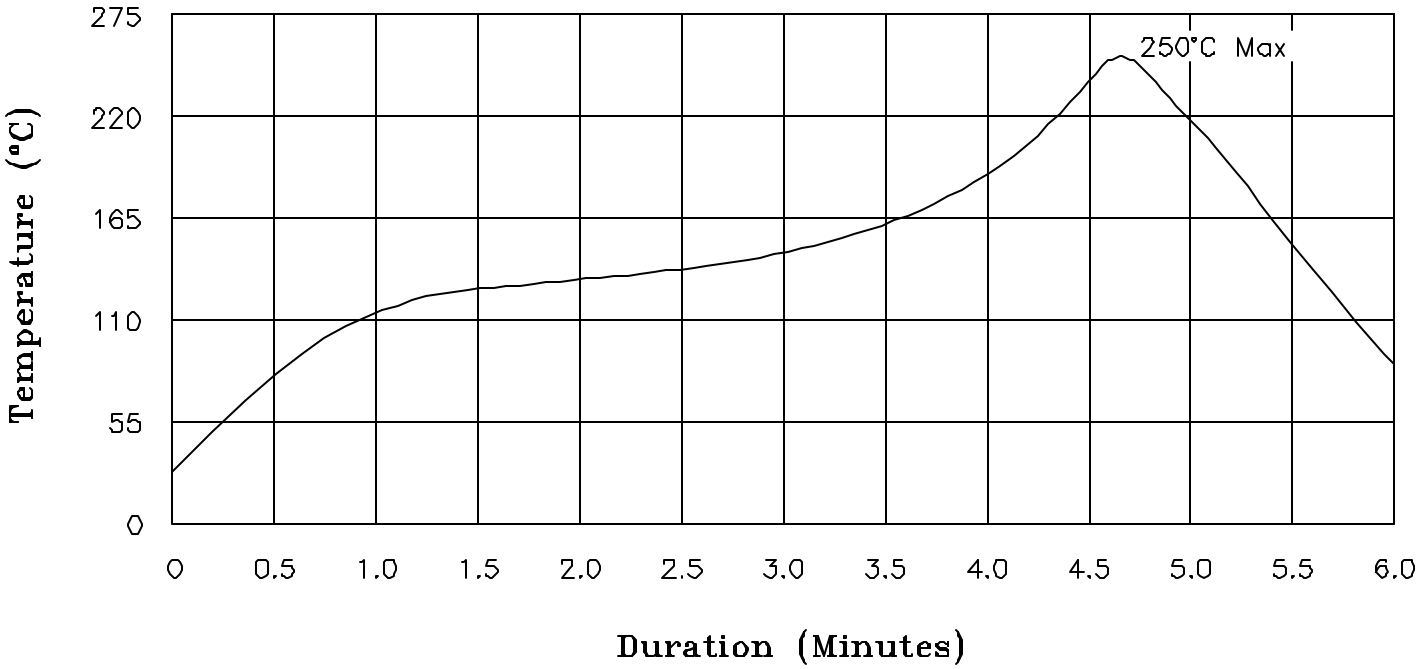
XFMRS

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

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