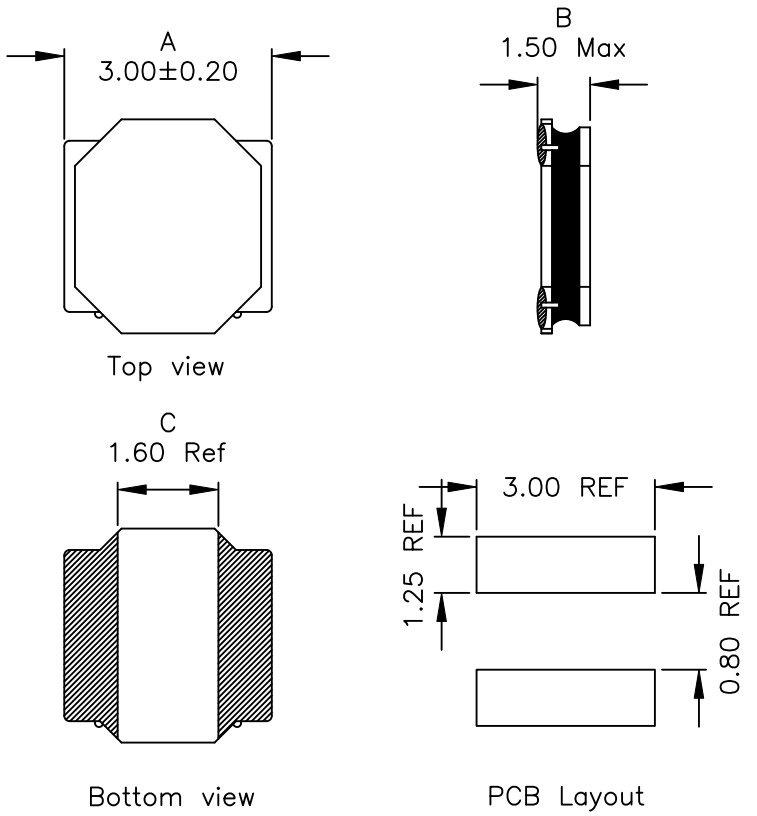
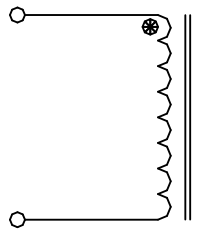
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 100uH±20% @1MHz 0.1V

Q: TBD Min @1MHz 0.1V

Isat: 0.23Adc (Based on 30% drop in OCL)

Irms: 0.25A Max (Based on 40°C Temp Rise)

DCR: 2.433±20% Ohms

SRF: TBD

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

DOC REV: A/-

XFMRS® www.XFMRS.com	Title: SMD INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF303015-101M		REV. A
	DWN.	Feng	Jun-03-21
	CHK.	YK Liao	Jun-03-21
SHEET 1 OF 1	APP.	TCH	Jun-03-21

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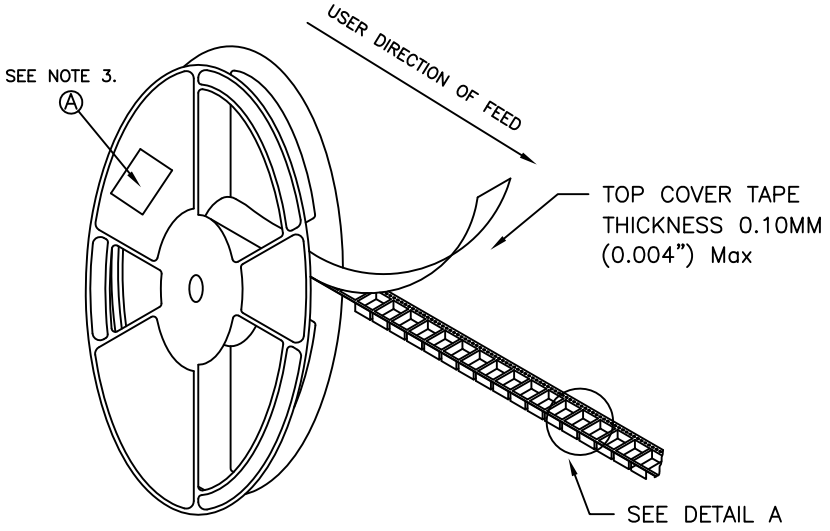
TAPE AND REEL SPECIFICATION:

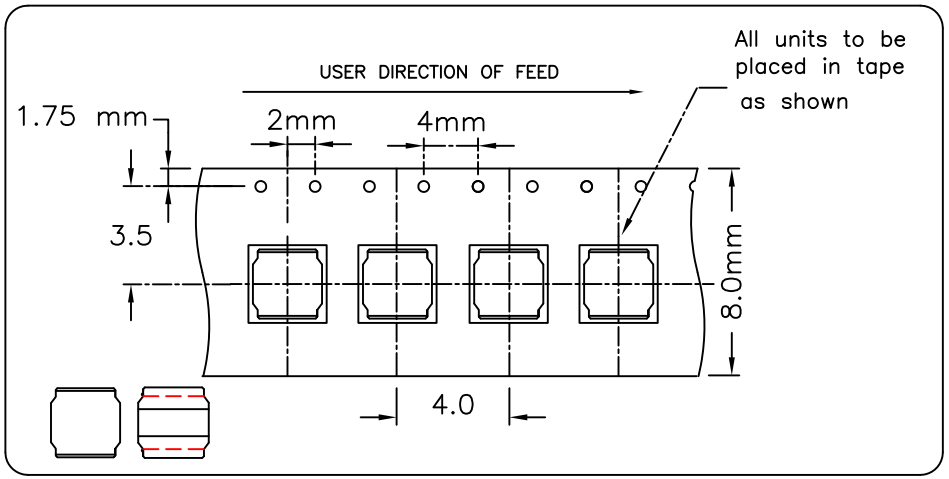
NOTES:

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) 2000PCS PER 7"REEL



REEL AND TAPE ORIENTATION

DETAIL A



7" REEL DIAMETER

DOC. REV. A/1

XFMRS Inc www.XFMRS.com	Title: T&R SPEC		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm	P/N: XF303015 Series		REV. A
	DWN.	Kong	Jan-24-18
	CHK.	YK Liao	Jan-24-18
SHT 1 OF 1	APP.	GL	Jan-24-18

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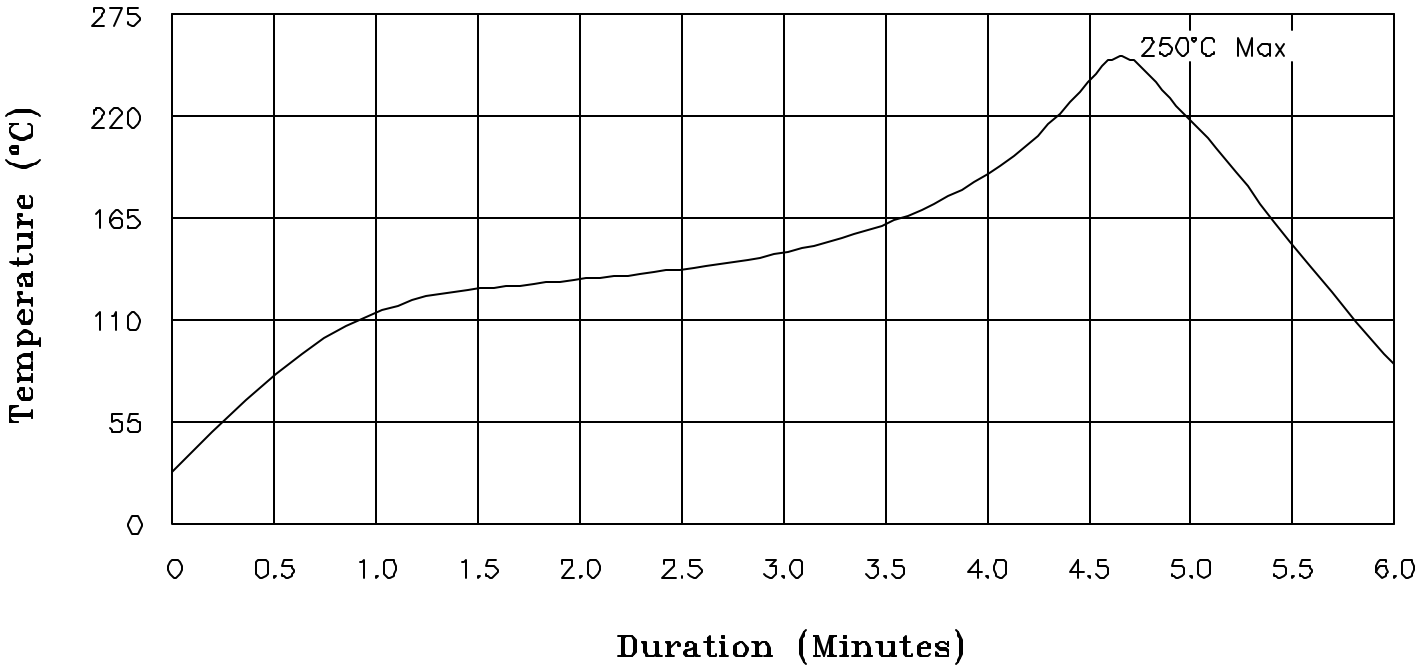
XFMRS

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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