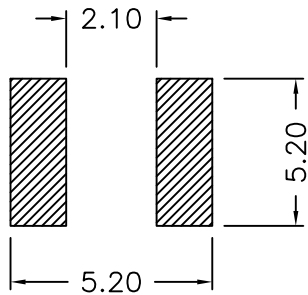
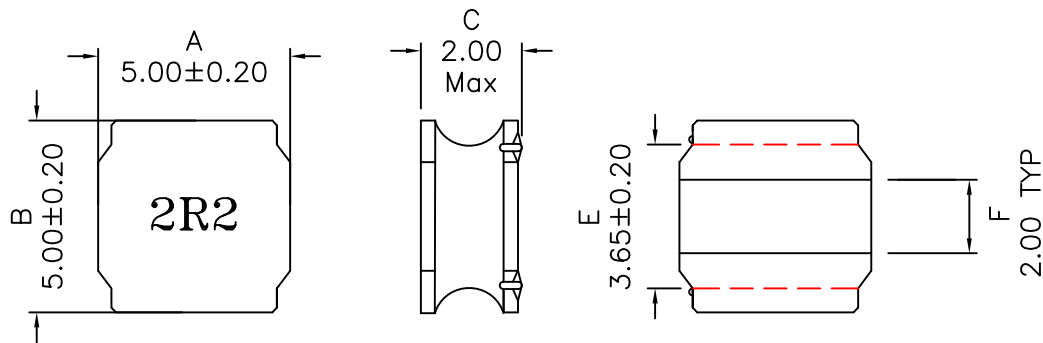
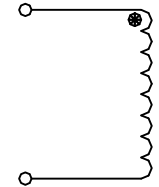


1. Mechanical Dimensions:



Recommended Land Patterns

2. Schematic:



3. Electrical Specification:

OCL: $2.2\mu\text{H} \pm 20\%$ @100KHz 0.25V

Q: tbd Min @100KHz 0.25V

Irms: 3.20A (Based on 40°C Temp Rise)

Isat: 3.40Adc (Based on 30% Typ Drop in OCL)

DCR: 0.06 Ohms Max

Notes:

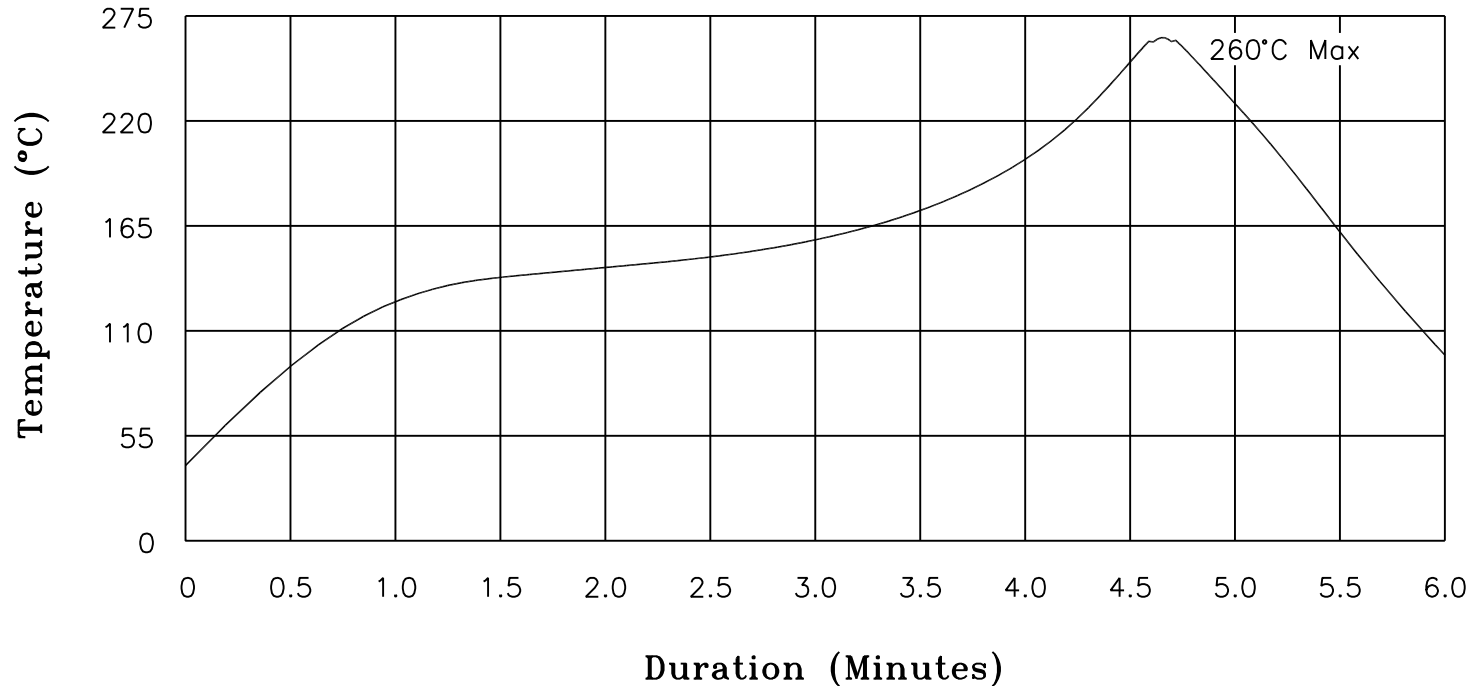
- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature: -40°C to +125°C (Includes temperature when the coil is heated.)
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMRS QA system
- AEC-Q200 Certified Products

XFMRS Inc. www.XFMRS.com	Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS		
	UNLESS OTHERWISE SPECIFIED	P/N: XF5020-2R2M	REV. A
TOLERANCES: .xx ±0.25 Dimensions in MM	DWN.	Xiang	Feb-14-17
	CHK.	YK Liao	Feb-14-17
SHEET 1 OF 1	APP.	GL	Feb-14-17

DOC REV: A/1

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts

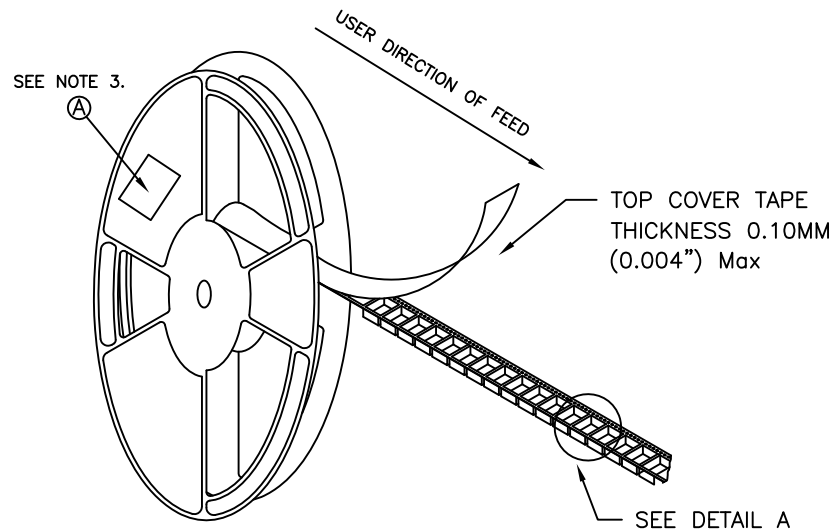


NOTES: Maximum duration at 260°+0/-5° shall be 10-20 seconds.
 Maximum duration above 217° shall be 60-150 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

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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TAPE AND REEL SPECIFICATION:



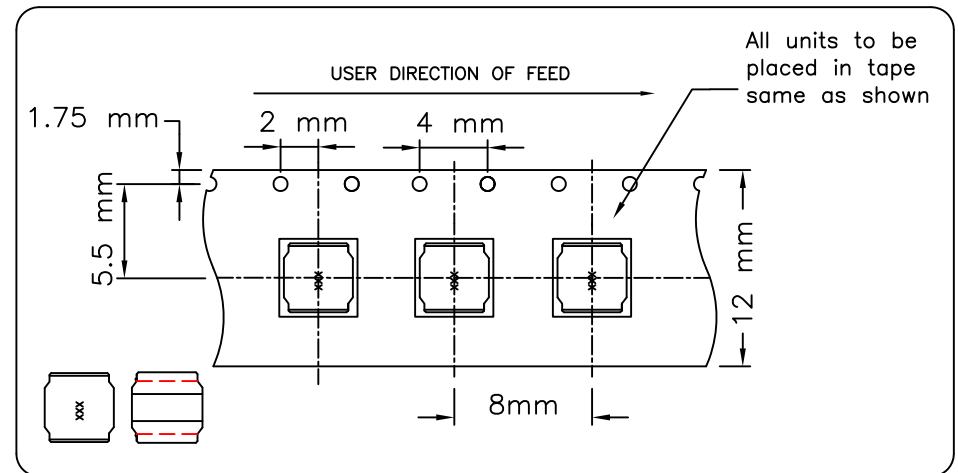
REEL AND TAPE ORIENTATION

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
- 4) 1000PCS PER 7" REEL

DETAIL A



DOC.REV.A/1

XFMR5 Inc	Title: T&R SPEC		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxx Dimensions in mm		P/N: XF5020-xxxx
SHT 1 OF 1	DWN.	Kong	Nov-14-17
	CHK.	YK Liao	Nov-14-17
	APP.	GL	Nov-14-17

PROPRIETARY

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