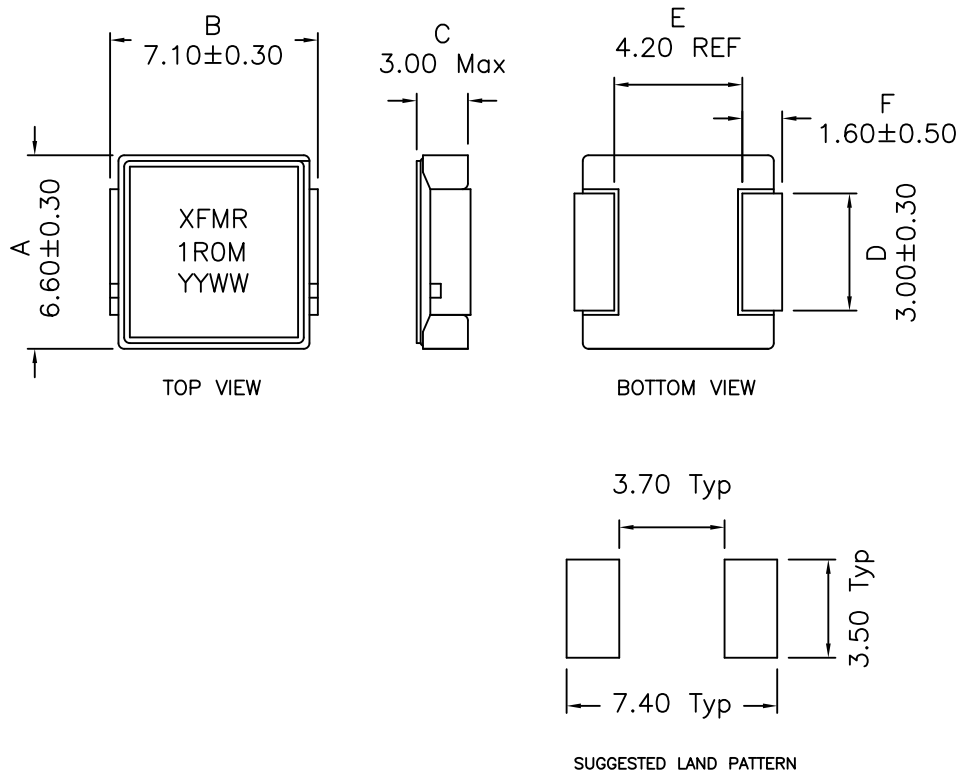
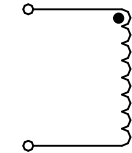


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

INDUCTANCE: $1.00 \mu\text{H} \pm 20\%$ @100KHz, 1.0V

Q: 12 Min @100KHz, 1.0V

DC Res: 8.5mOhms Typ 10 mOhms Max

Irms: 11A (Based on 40°C Typ Temp Rise)

Isat: 22A (Based on 30% Typ drop in OCL)

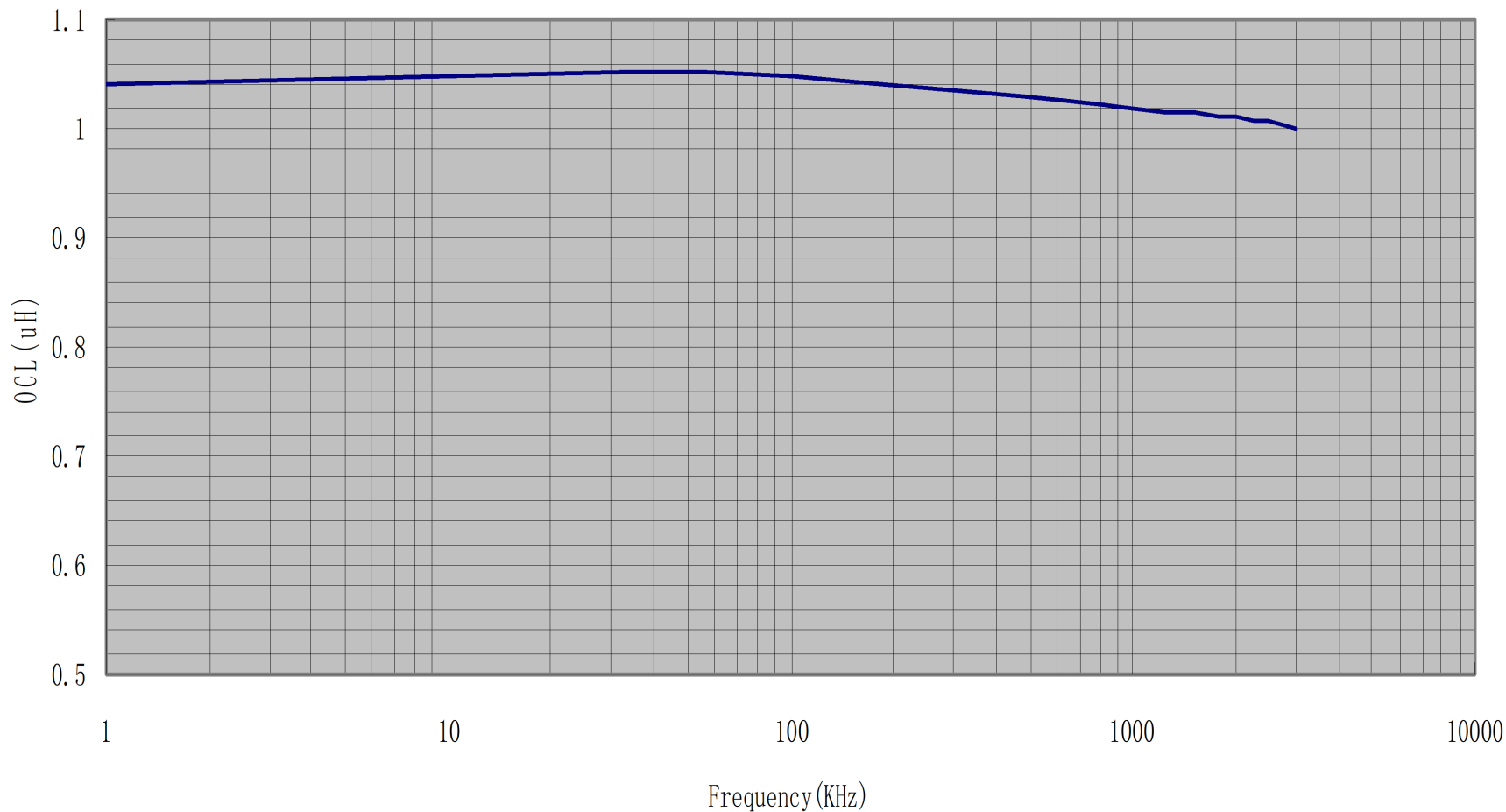
SRF: 20MHz Min

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. Recommended IR Reflow peak temp of 260°C Max
12. Outsourced item processed & controlled under XFMRs QA system

DOC. REV: A/16

XFMRs Inc www.XFMRs.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL6-1ROM	REV. A
	DWN.	Huo	Oct-09-17
	CHK.	YK Liao	Oct-09-17
SHEET 1 OF 2	APP.	DDC	Oct-09-17



DOC. REV: A/16

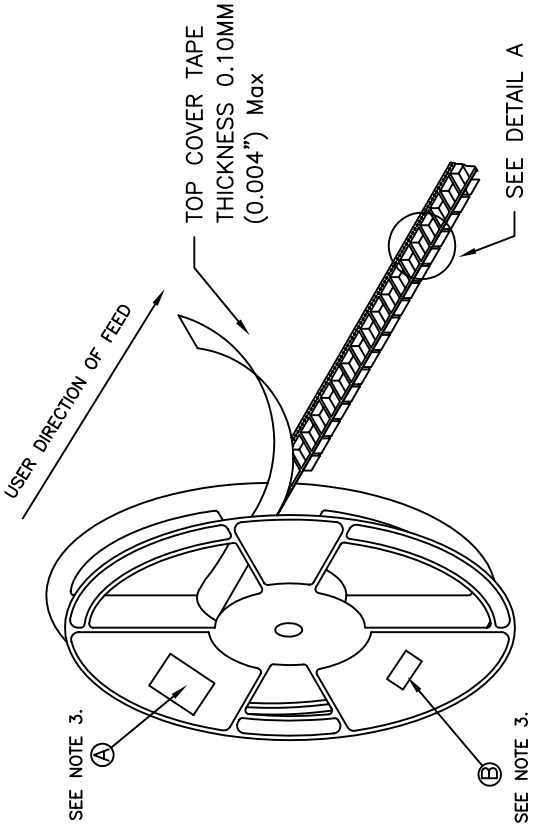
XFMRs Inc www.XFMRS.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6-1ROM	REV. A
	DWN.	Huo	Oct-09-17
	CHK.	YK Liao	Oct-09-17
	APP.	DDC	Oct-09-17
SHEET 2 OF 2			

PROPRIETARY Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

TAPE AND REEL SPECIFICATION:

NOTES:

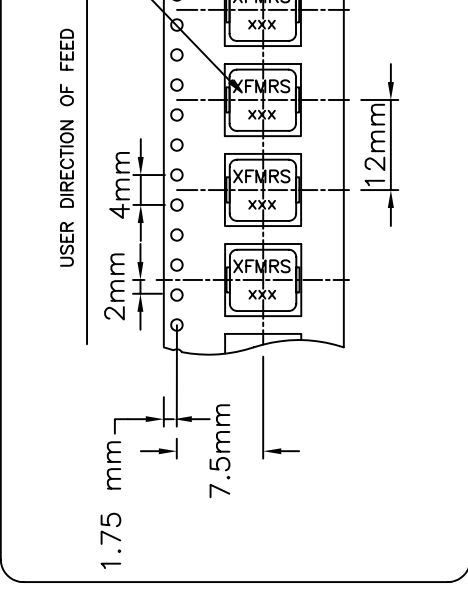
- 1) PROCESS IN ACCORDANCE WITH EIA-541
 - * TAPE LEADER DIMENSION 15.3
 - * TAPE TRAILER DIMENSION 6.3
- 2) PARTS SHOULD BE PACKAGED IN GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' * PART NUMBER
 * QUANTITY
 * DATE CODE
 'B' - ANTI-STATIC CAP
- 4) 1000PCS PER 13" REEL



REEL AND TAPE ORIENTATION

13" REEL DIAMETER

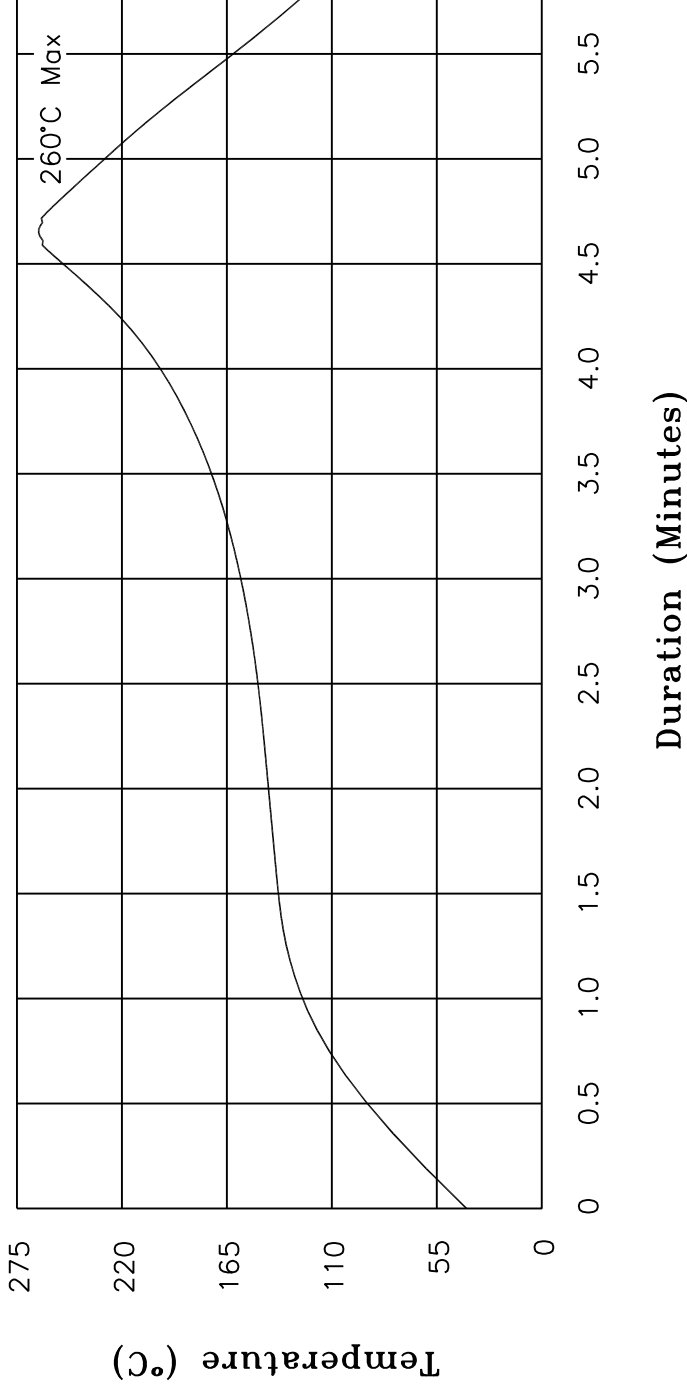
DETAIL A



DOC REV:A/2	XFMRS Inc	Ti
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±xxxxx Dimensions in mm	
PROPRIETARY Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.		SHT 2 OF 2

XFMRs

Recommended Infrared Reflow Temperature Profile for RoHS Compliance



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.

XFMRs Inc www.XFMRs.com	Title
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A	P/
SHEET 1 OF 1	

PROPRIETARY Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View XFHCL6-1R0M on WIN SOURCE](#)

 [XFMRS Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management