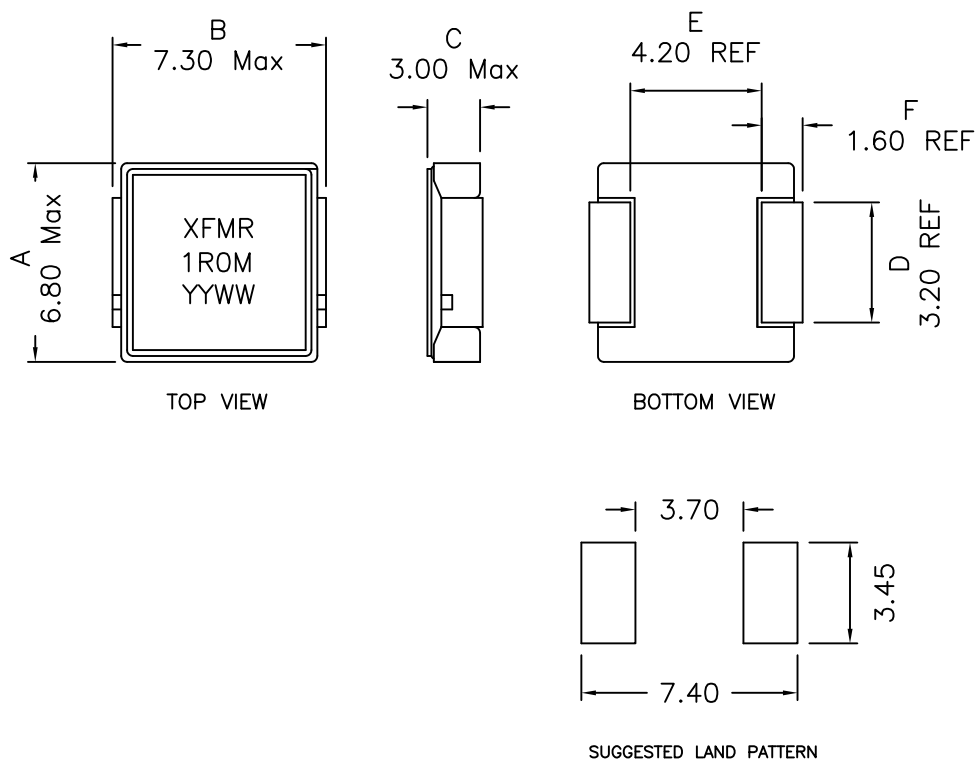
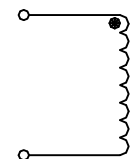


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25C

INDUCTANCE: 1.00uH±20% @100KHz, 0.25V

Q: 12 Min @100KHz, 0.25V

DC Res: 8.5mOhms Typ 10 mOhms Max

Irms: 11A (Based on 40°C Temp Rise)

Isat: 22A (Based on 20% Typ drop in OCL)

### Notes:

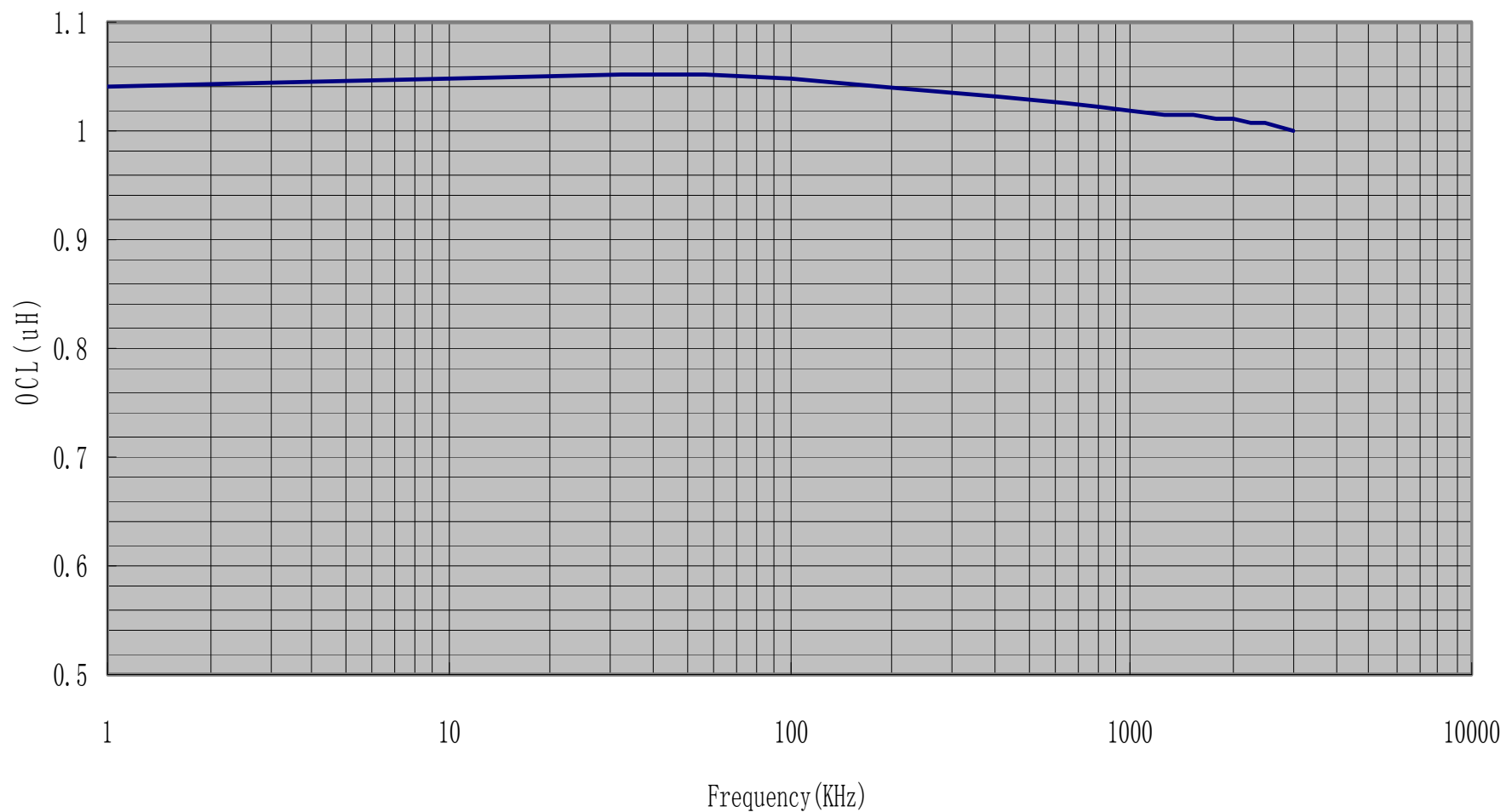
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +125°C
6. Storage Temperature 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. Recommended IR Reflow peak temp of 250°C Max
12. Outsourced item processed & controlled under XFMR QA system

DOC. REV: A/15

<b>XFMR Inc</b> <a href="http://www.XFMR.com">www.XFMR.com</a>	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6-1ROM	REV. A
SHEET 1 OF 2	DWN.	Yuan	Mar-04-15
	CHK.	YK Liao	Mar-04-15
	APP.	DDC	Mar-04-15

**PROPRIETARY**

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



DOC. REV: A/15

<b>XFMRs Inc</b> www.XFMRS.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6-1R0M	REV. A
SHEET 2 OF 2	DWN.	Yuan	Mar-04-15
	CHK.	YK Liao	Mar-04-15
	APP.	DDC	Mar-04-15

**PROPRIETARY**

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