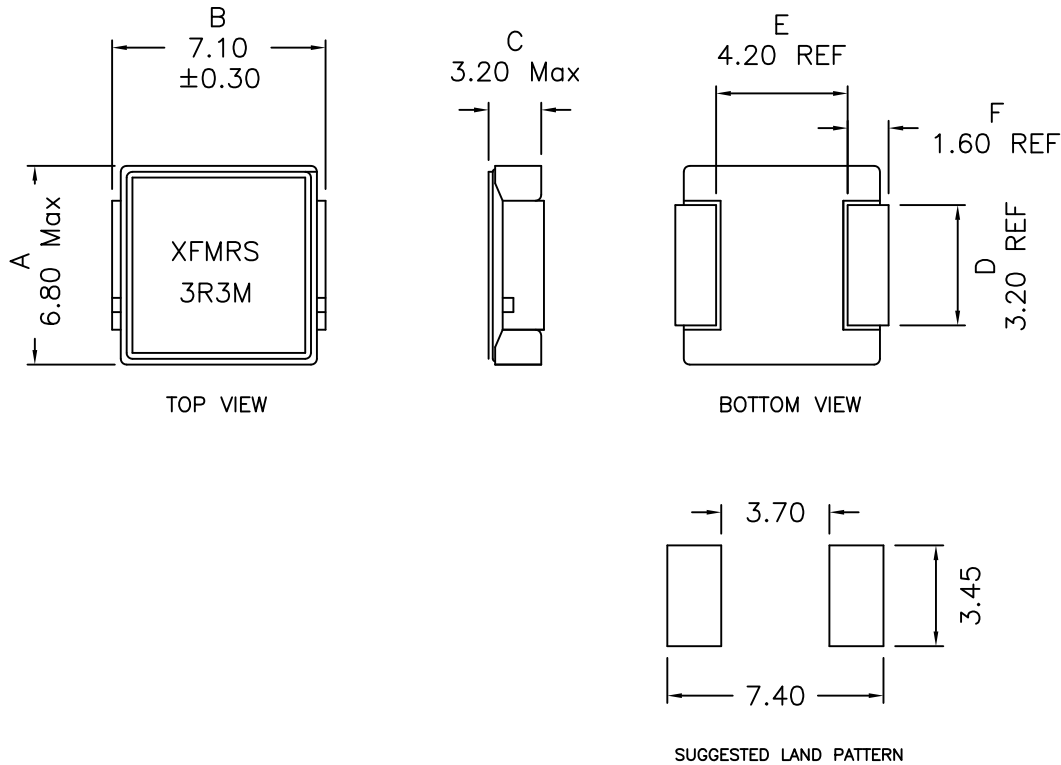
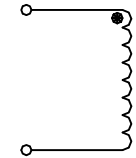


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 3.30uH±20% @100KHz 0.25V, 0.0Adc

Q: 20 Min @100KHz 0.25V

DCR: 30 mOhms Max

Irms: 6.0Adc (Based on 40°C Temp Rise)

Isat: 13.5Adc (Based on 20% drop in OCL)

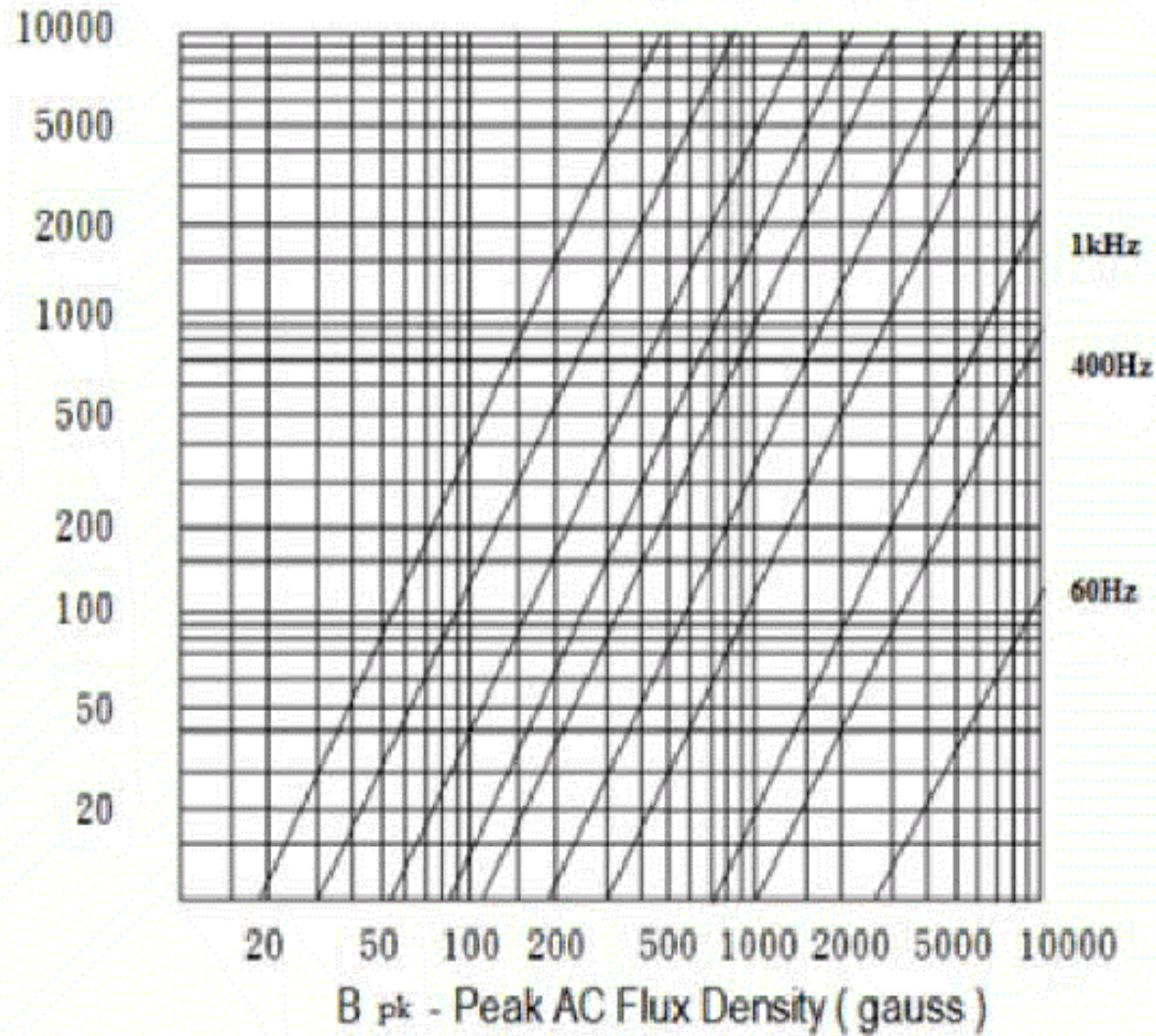
Notes:

- 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 Range: All listed parameters are to be within tolerance from -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250C Max.
- Outsourced item processed & controlled under XFMRS QA system

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XFMRS Inc www.XFMRS.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6-3R3M	REV. A
SHEET 1 OF 5	DWN.	Yuan	Oct-25-13
	CHK.	YK Liao	Oct-25-13
	APP.	BSJ	Oct-25-13

Core Loss
(mW/cm³)



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UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.25
Dimensions in MM

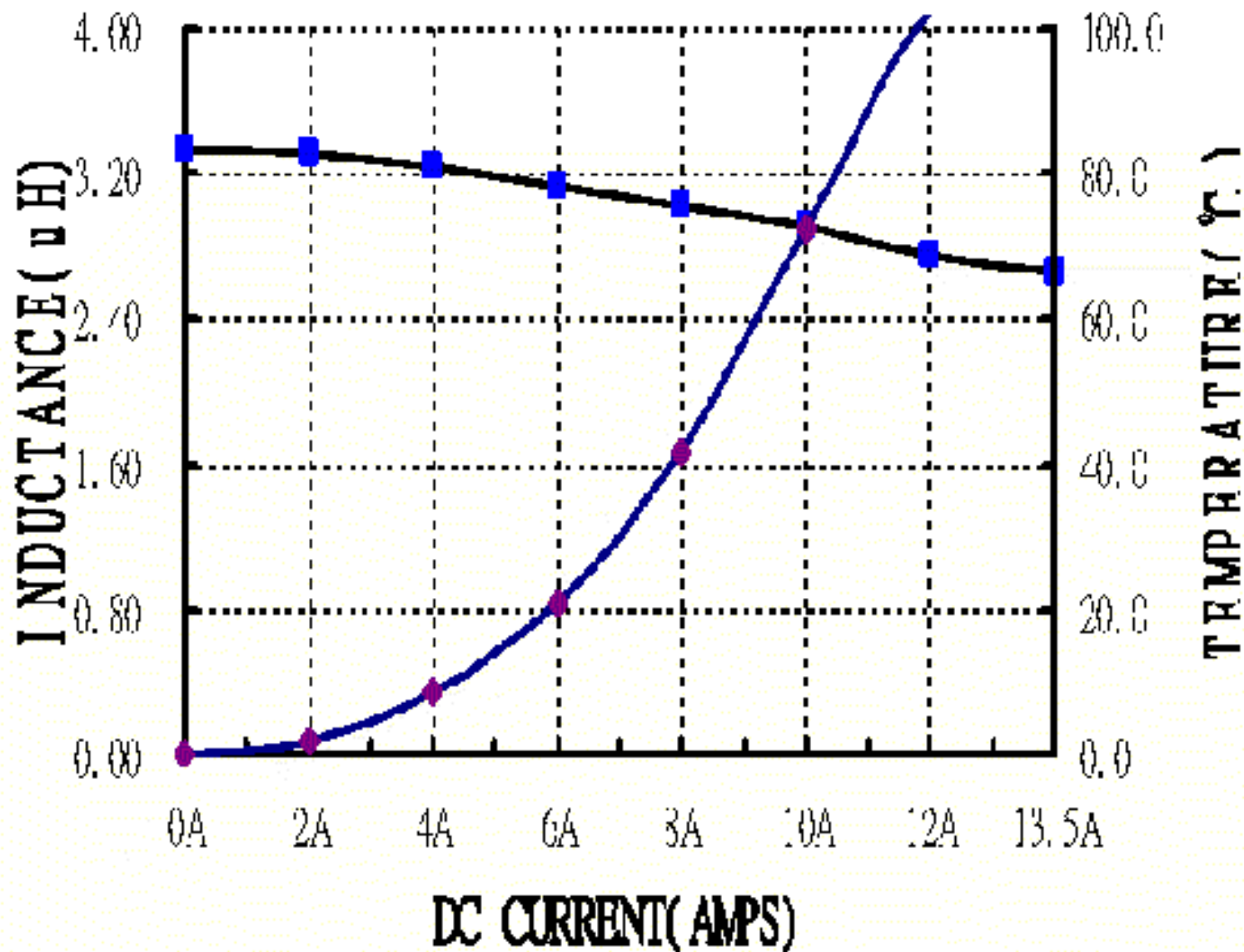
P/N: XFHCL6-3R3M		REV. A
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SHEET 2 OF 5



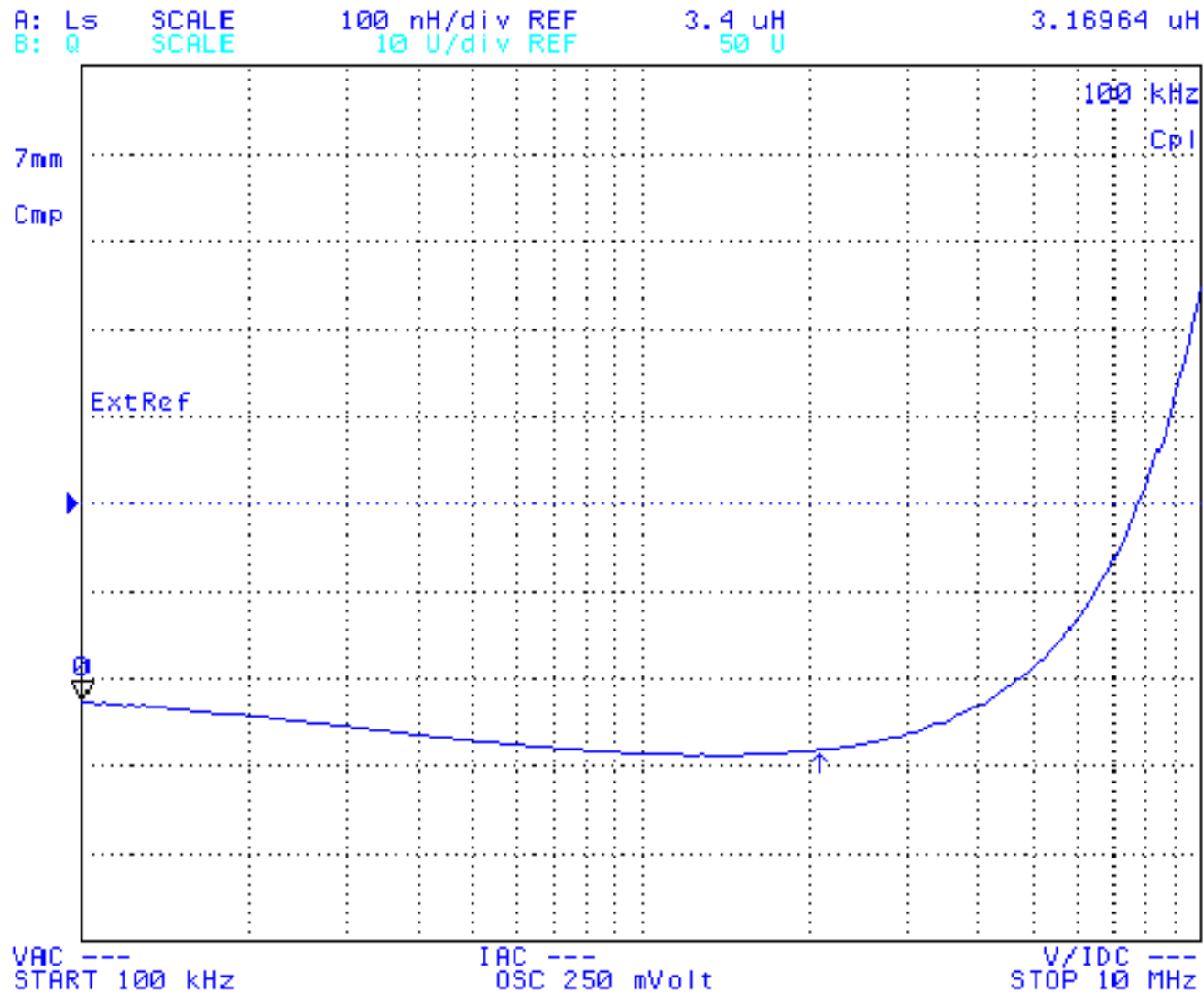
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Ls Vs Frequency graph:



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TOLERANCES:
.xx ±0.25
Dimensions in MM

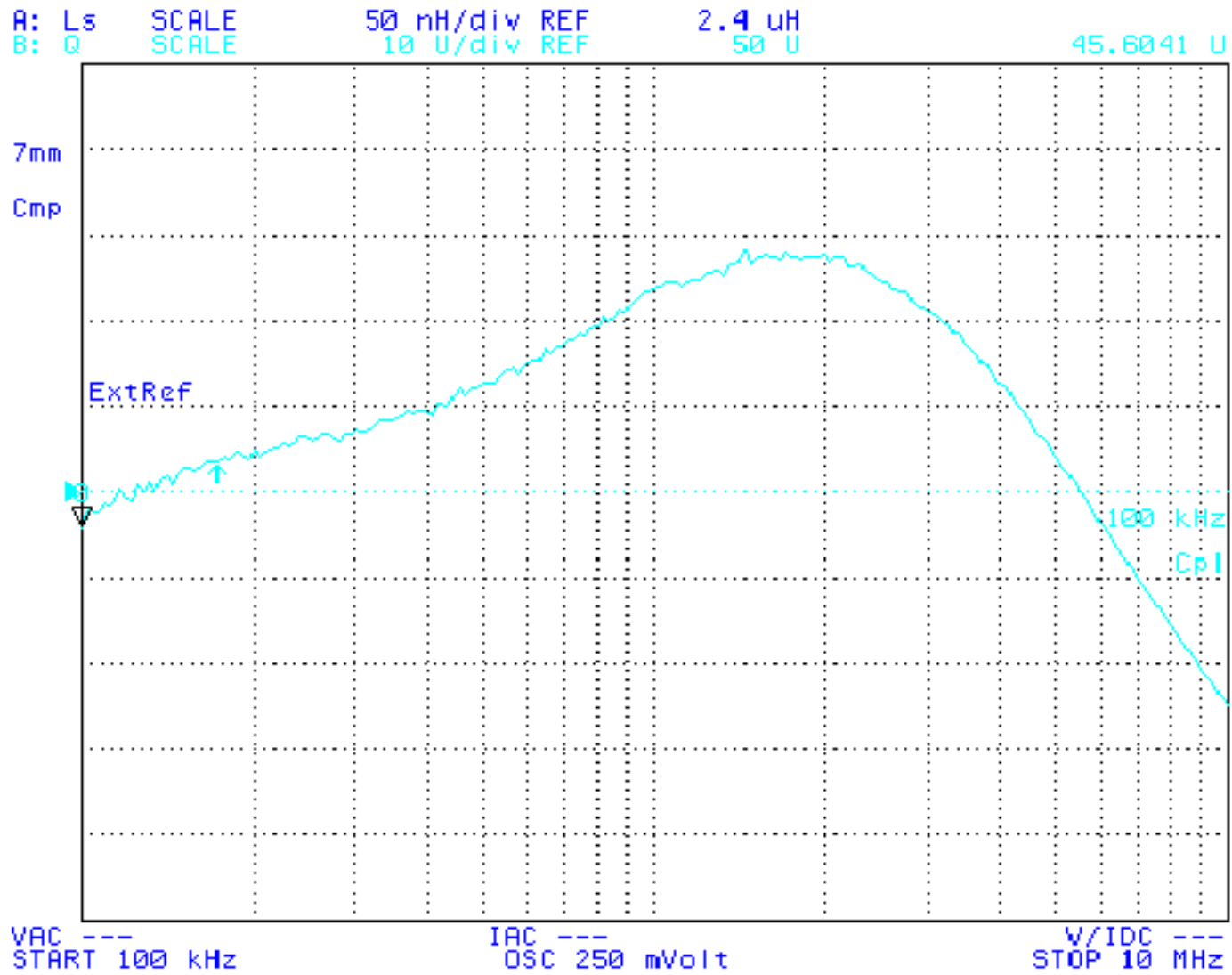
P/N: XFHCL6-3R3M	REV. A
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Q value Vs Frequency graph:



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