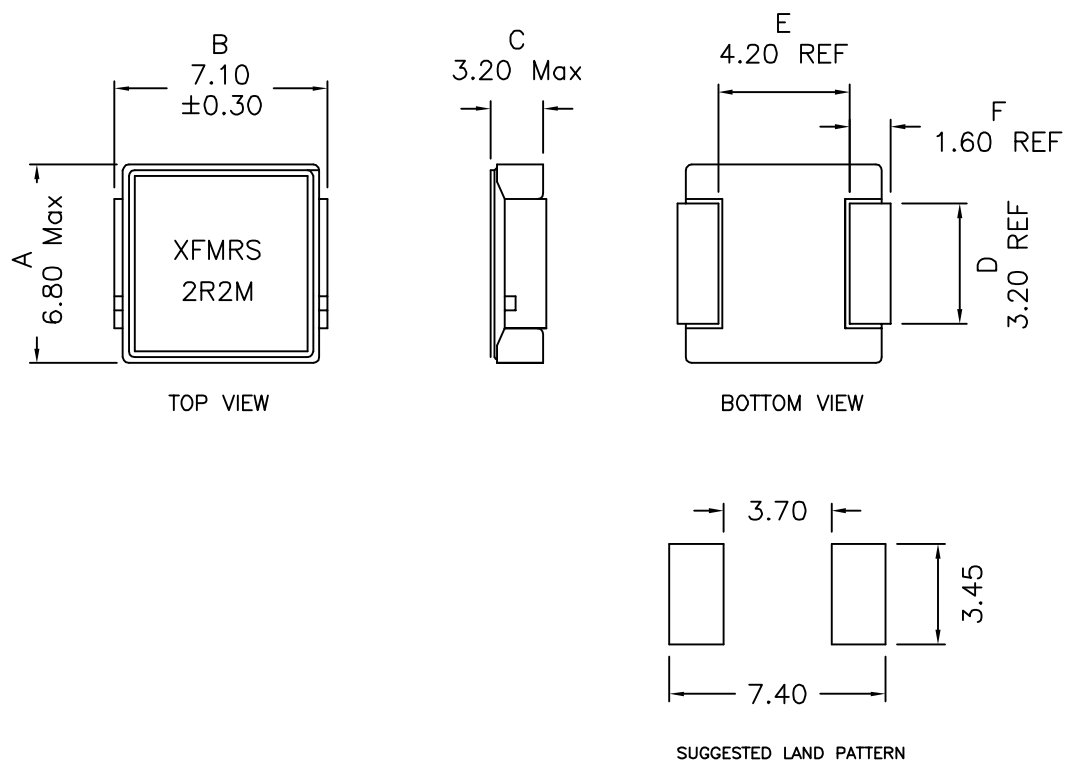
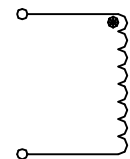


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 2.20uH±20% @100KHz 0.25V, 0.0Adc

Q: 20 Min @100KHz 0.25V, 0.0Adc

DCR: 20 mOhms Max

Irms: 8.0Adc (Based on 40°C Temp Rise)

Isat: 14.0Adc (Based on 20% 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 -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)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max.
12. Outsourced item processed & controlled under XFMRS QA system

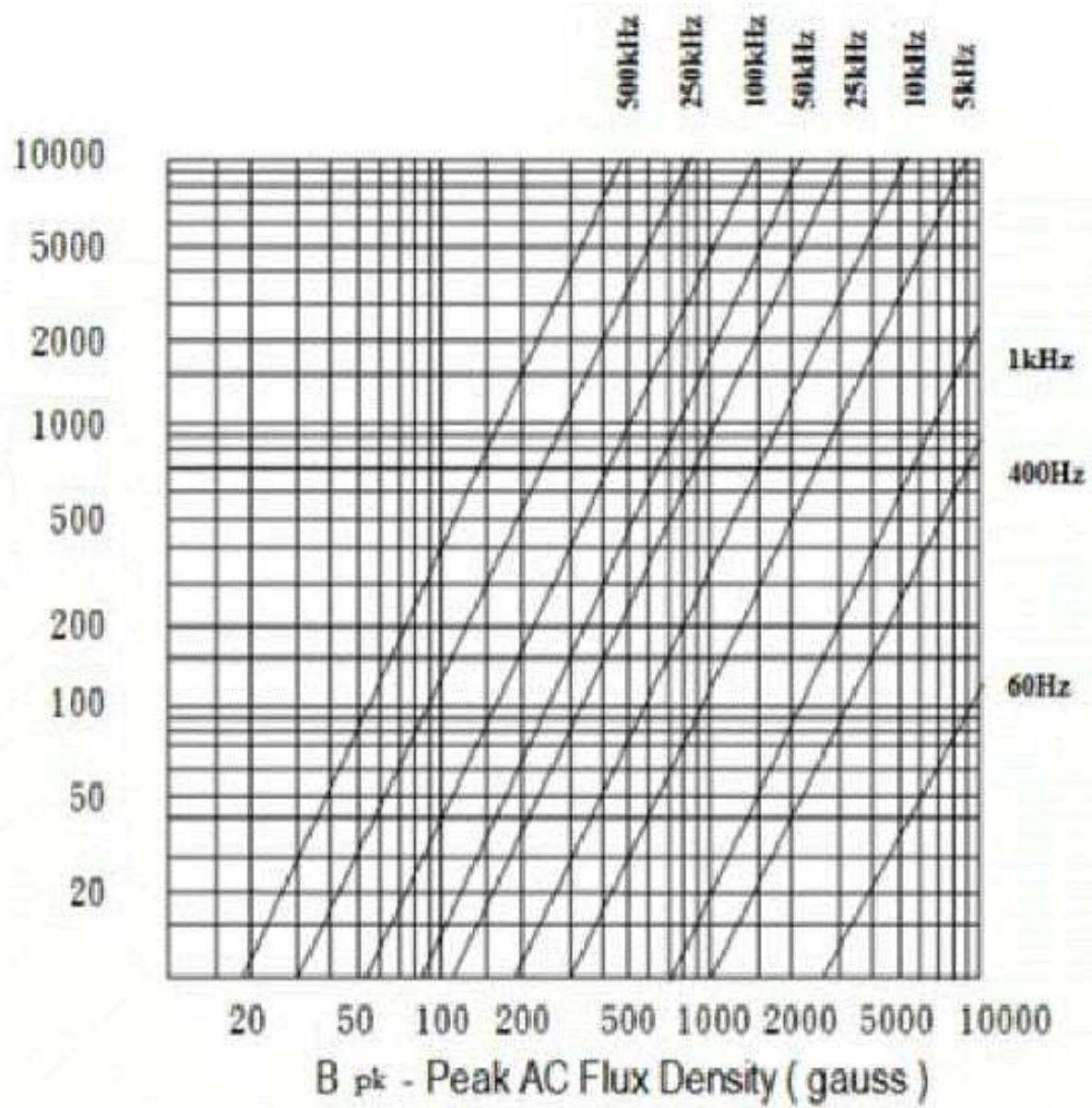
DOC. REV: A/10

XFMRS Inc www.XFMRS.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XFHCL6-2R2M DWN. CHK. APP.	REV. A Yuan YK Liao DDC
SHEET 1 OF 5			

PROPRIETARY

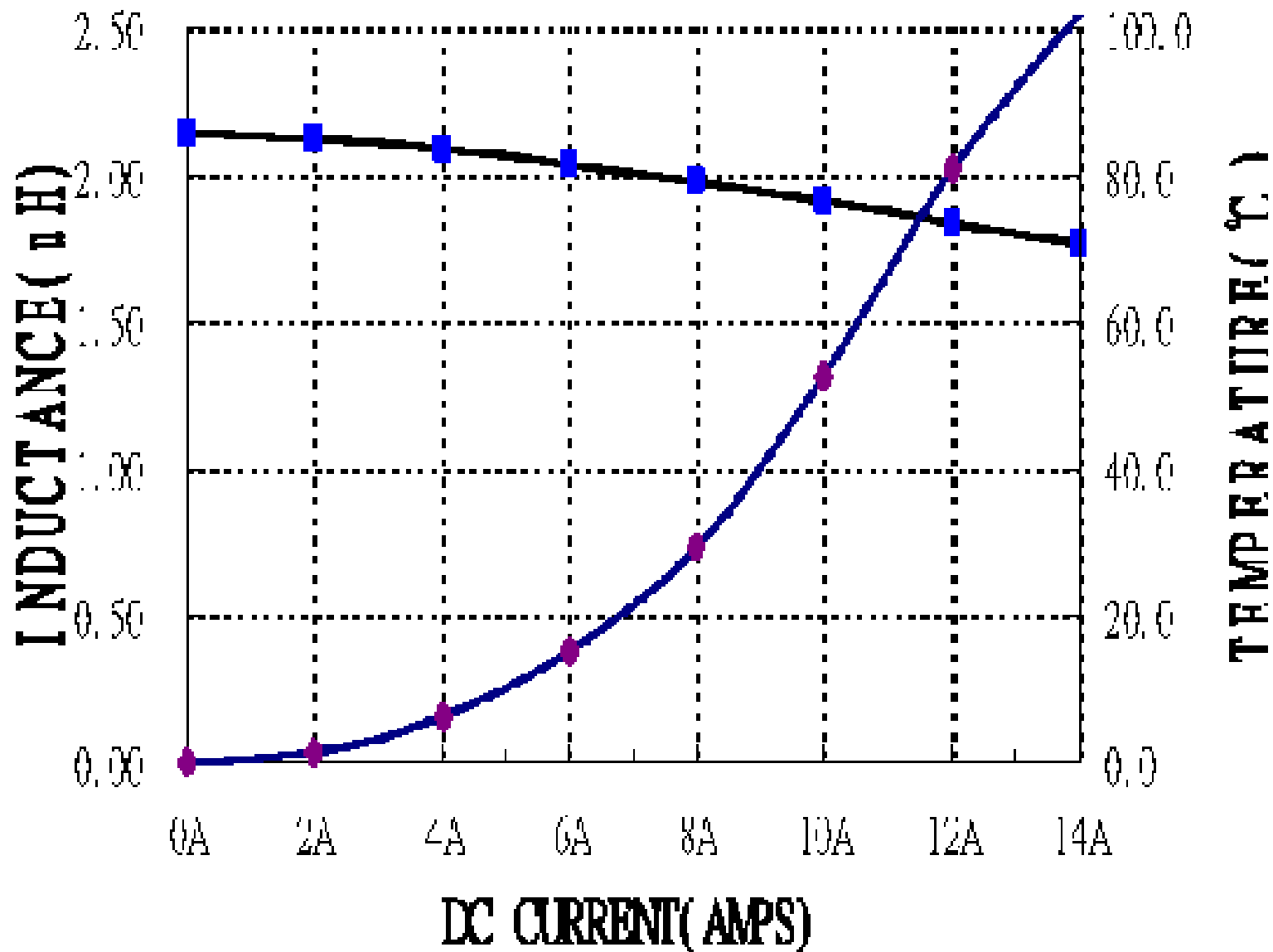
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Core Loss
(mW/cm³)



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	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XFHCL6-2R2M	REV. A
	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
SHEET 2 OF 5	APP.	DDC	Aug-15-18



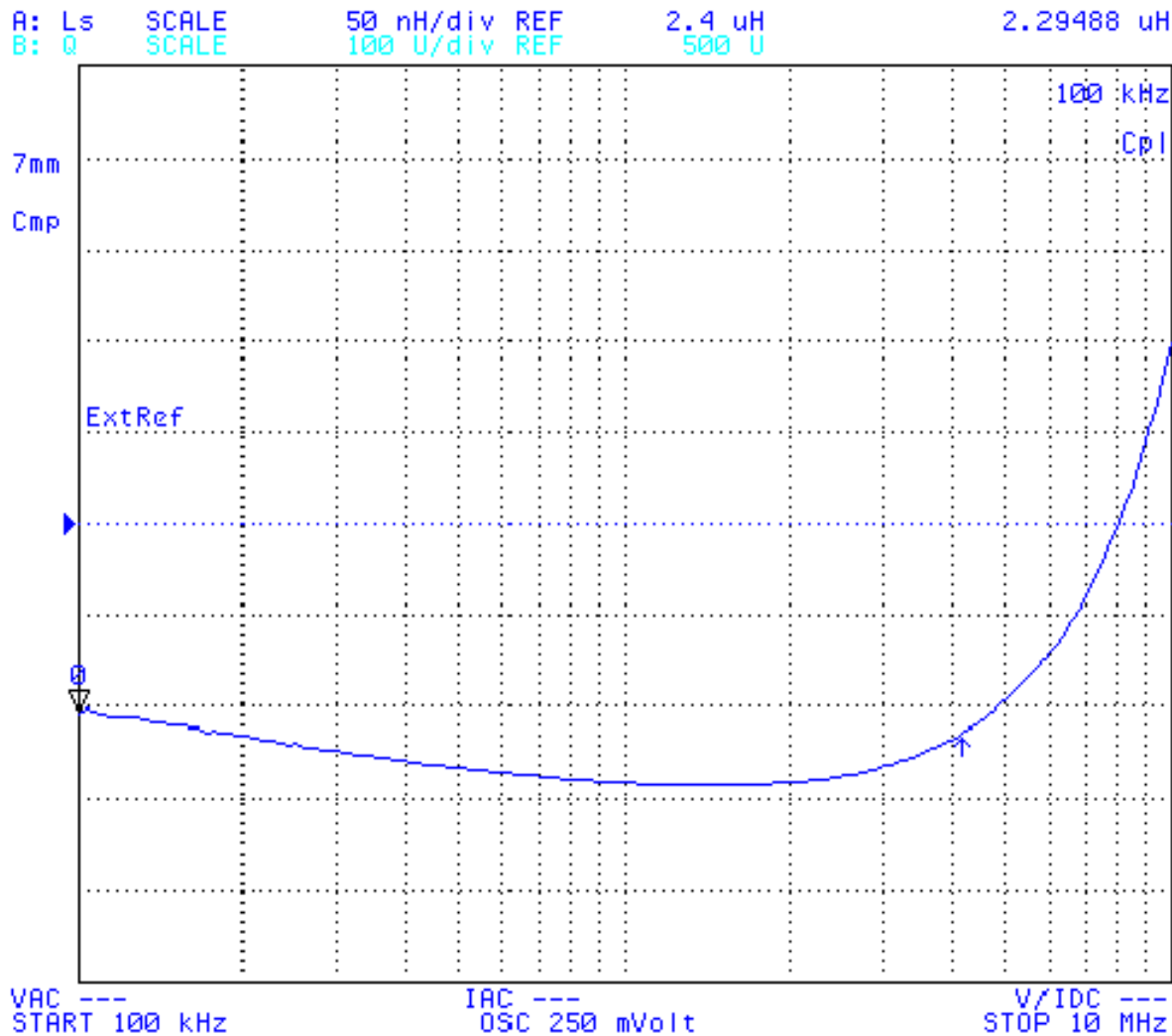
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XFMRs Inc www.XFMRs.com	Title: SHIELDED INDUCTOR		
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SHEET 3 OF 5	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
	APP.	DDC	Aug-15-18

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Ls Vs Frequency graph:



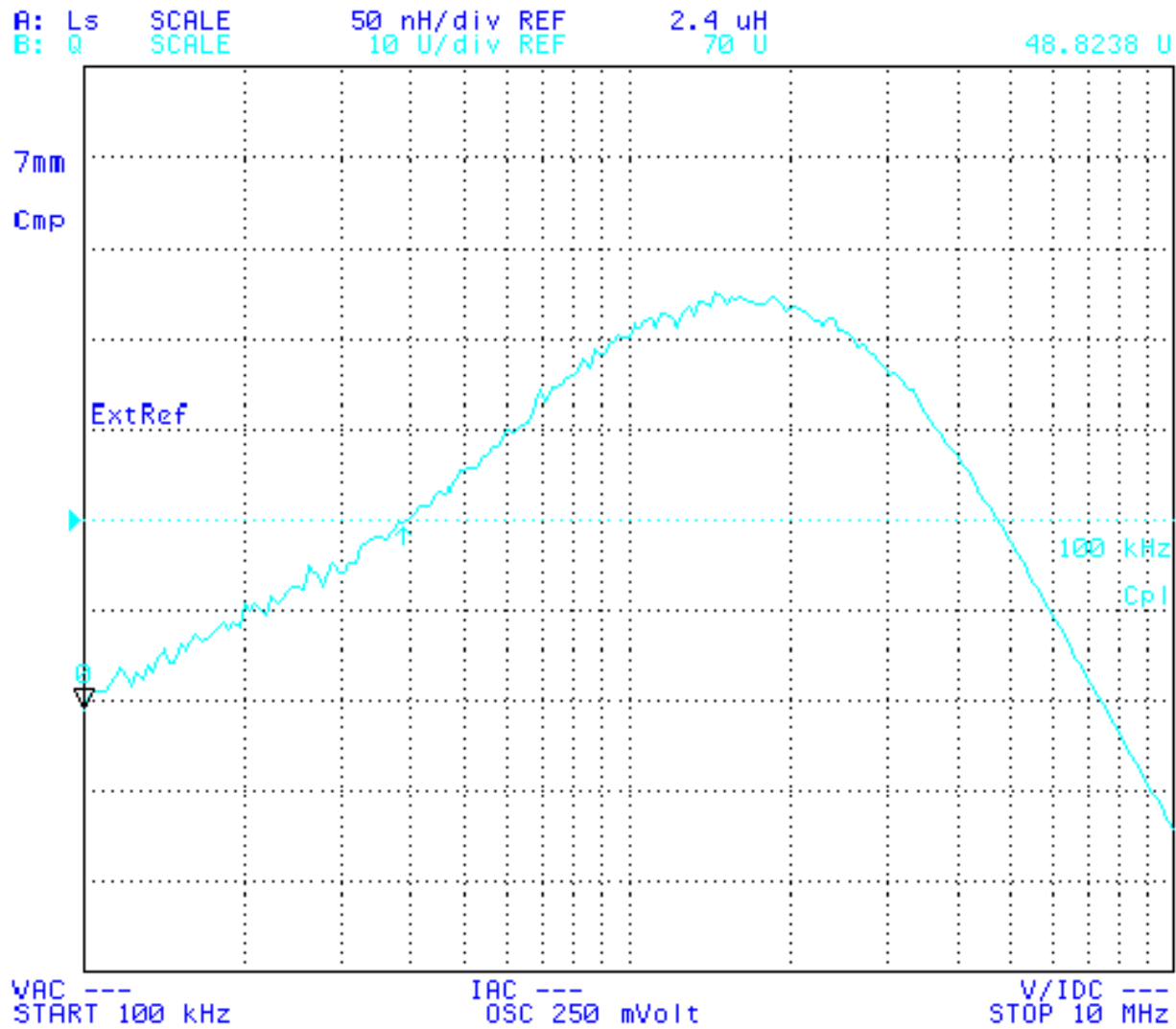
XFMRs Inc www.XFMRs.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XFHCL6-2R2M DWN. CHK. APP.	REV. A Yuan YK Liao DDC
SHEET 4 OF 5			

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Q value Vs Frequency graph:



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	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
SHEET 5 OF 5	APP.	DDC	Aug-15-18

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