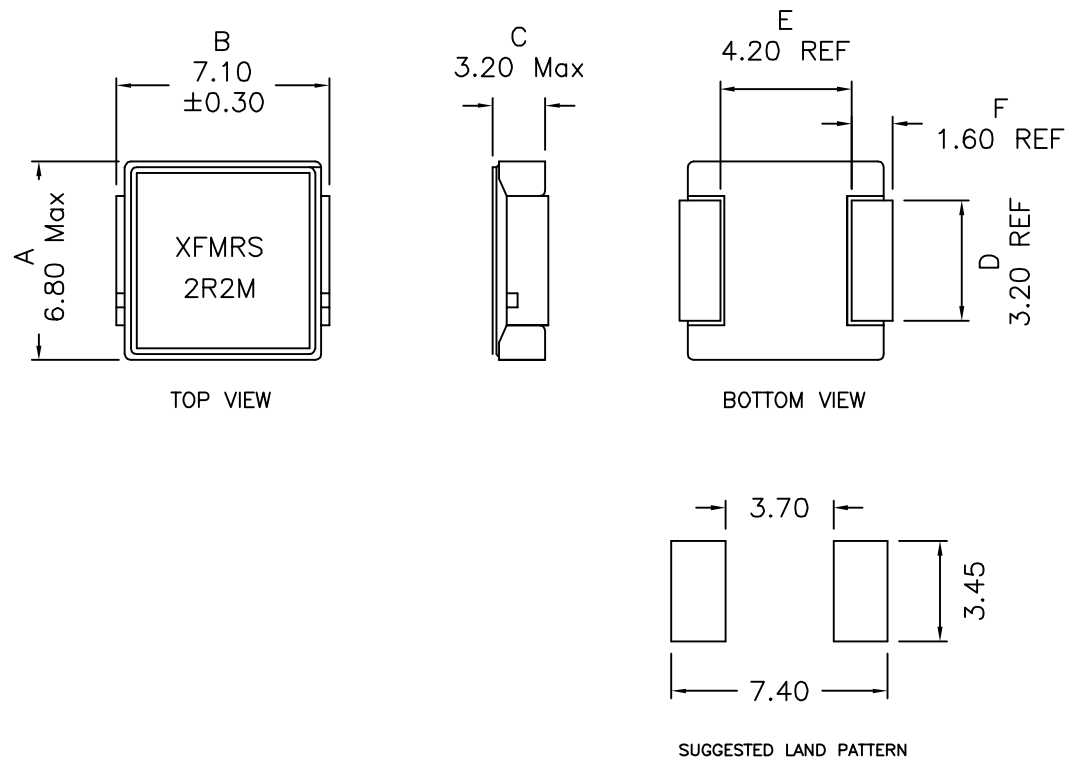
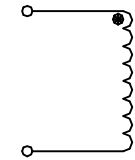


1. Mechanical Dimensions:



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)

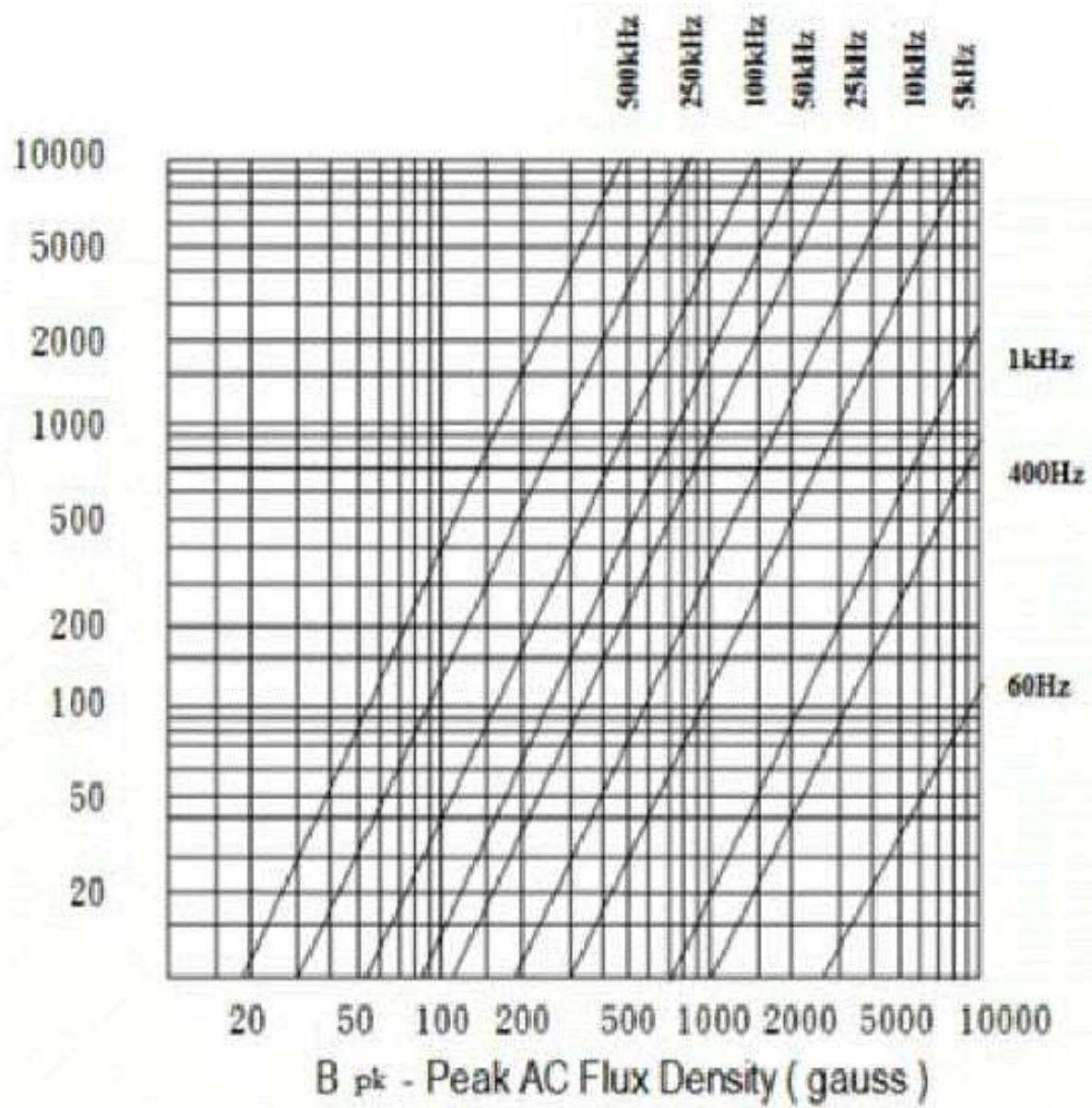
Notes:

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

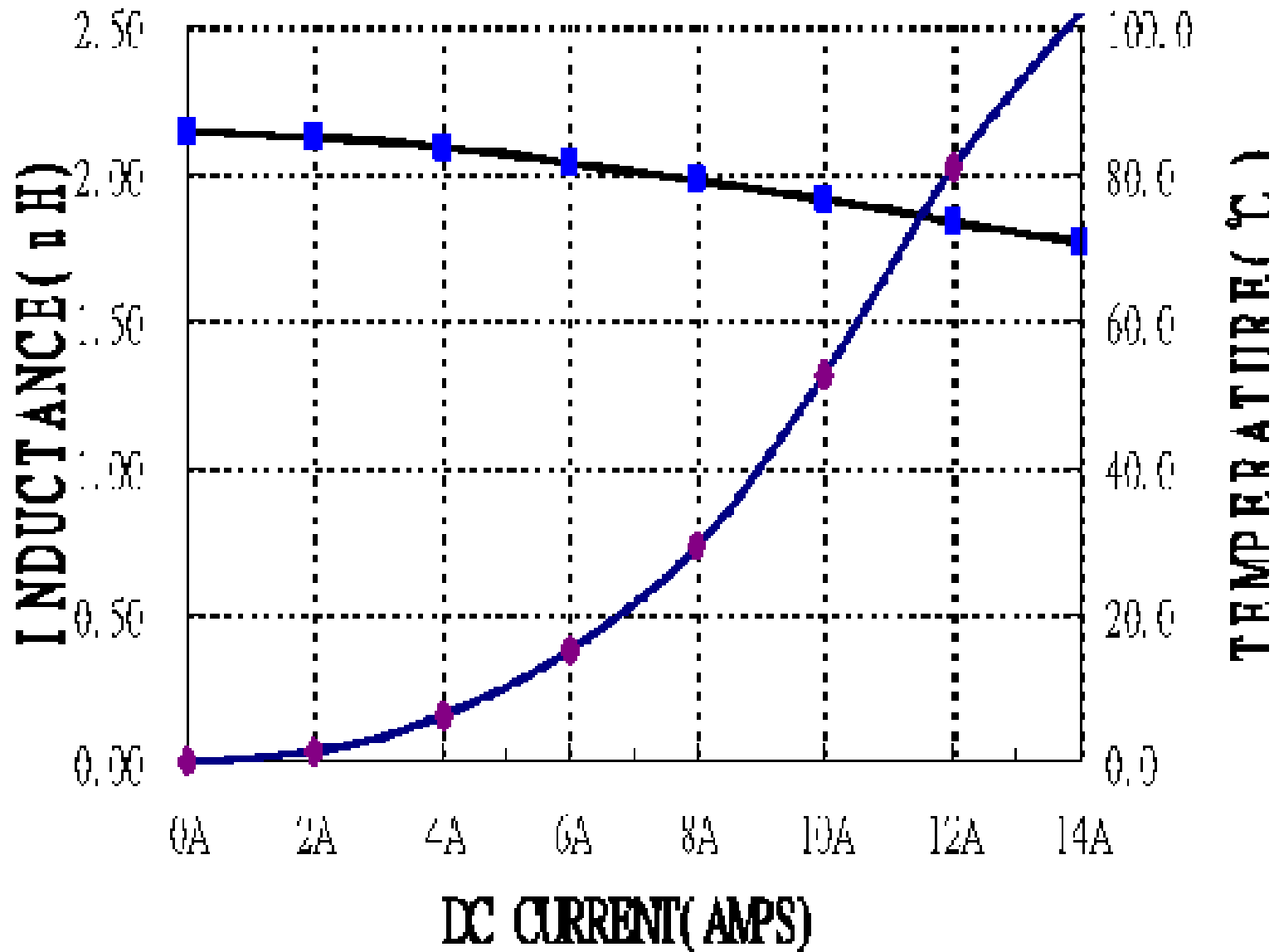
XFMRS Inc www.XFMRS.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XFHCL6-2R2M	REV. A
SHEET 1 OF 5	APP. DDC	YK Liao Aug-15-18	Aug-15-18

Core Loss
(mW/cm³)



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	REV. A
	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
SHEET 2 OF 5	APP.	DDC	Aug-15-18



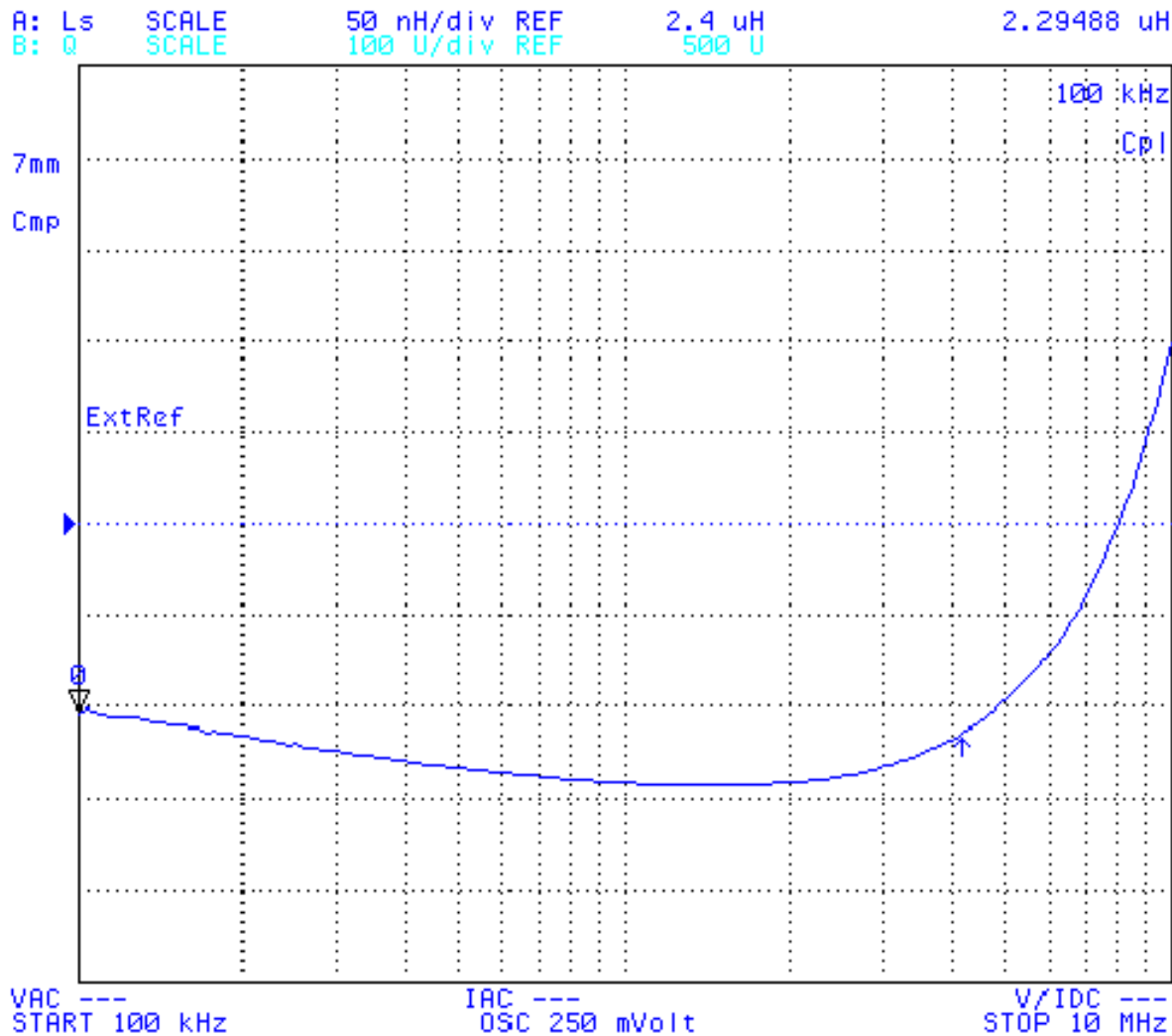
DOC. REV: A/10

XFMRs Inc www.XFMRs.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm		P/N: XFHCL6-2R2M REV. A
SHEET 3 OF 5	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
	APP.	DDC	Aug-15-18

PROPRIETARY

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Ls Vs Frequency graph:



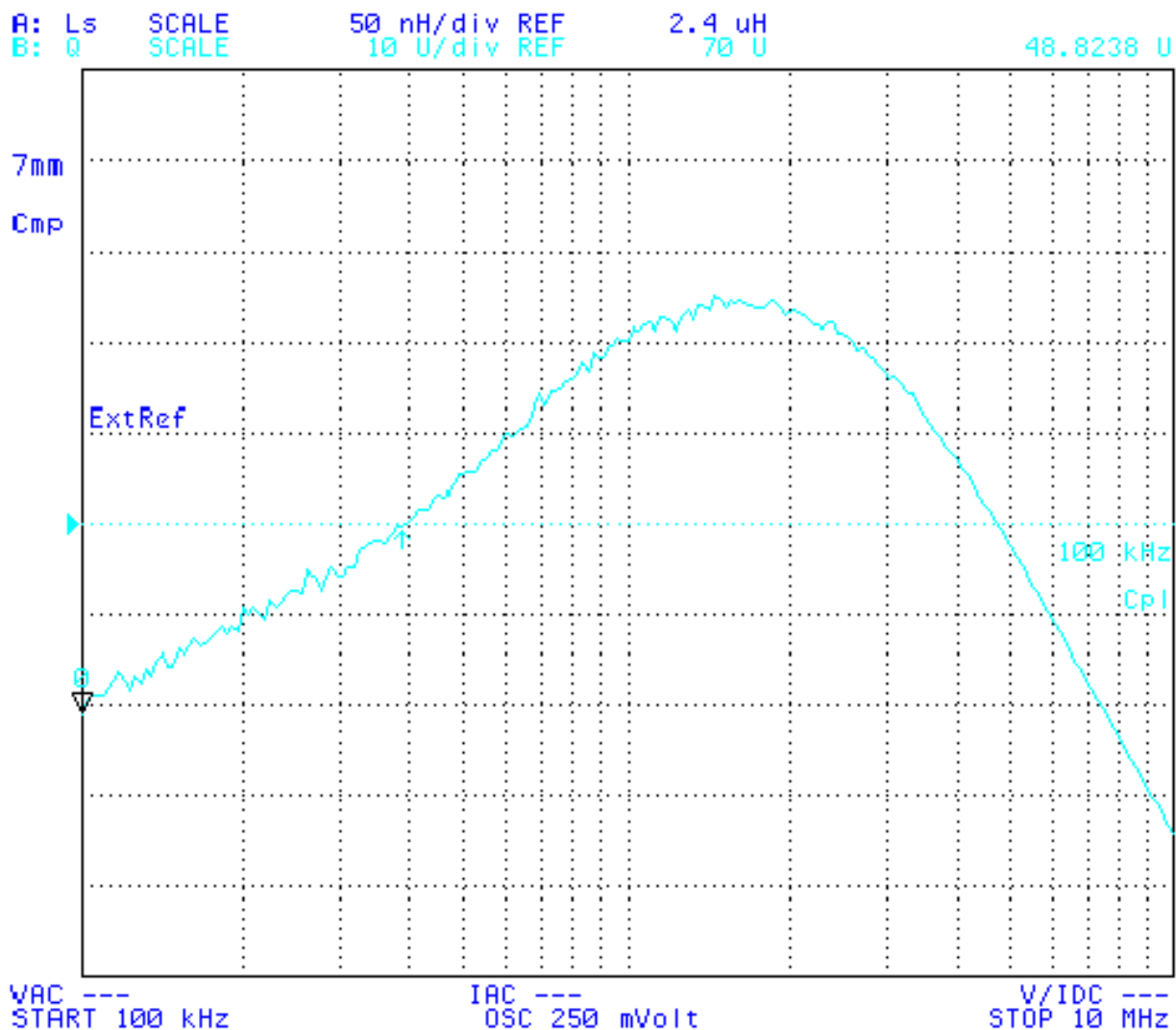
XFMRs Inc www.XFMRs.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XFHCL6-2R2M	REV. A
	DWN.	Yuan	Aug-15-18
	CHK.	YK Liao	Aug-15-18
SHEET 4 OF 5	APP.	DDC	Aug-15-18

DOC. REV: A/10

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Q value Vs Frequency graph:



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UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	DWN.	Yuan	Aug-15-18
SHEET 5 OF 5	CHK.	YK Liao	Aug-15-18
	APP.	DDC	Aug-15-18

DOC. REV: A/10