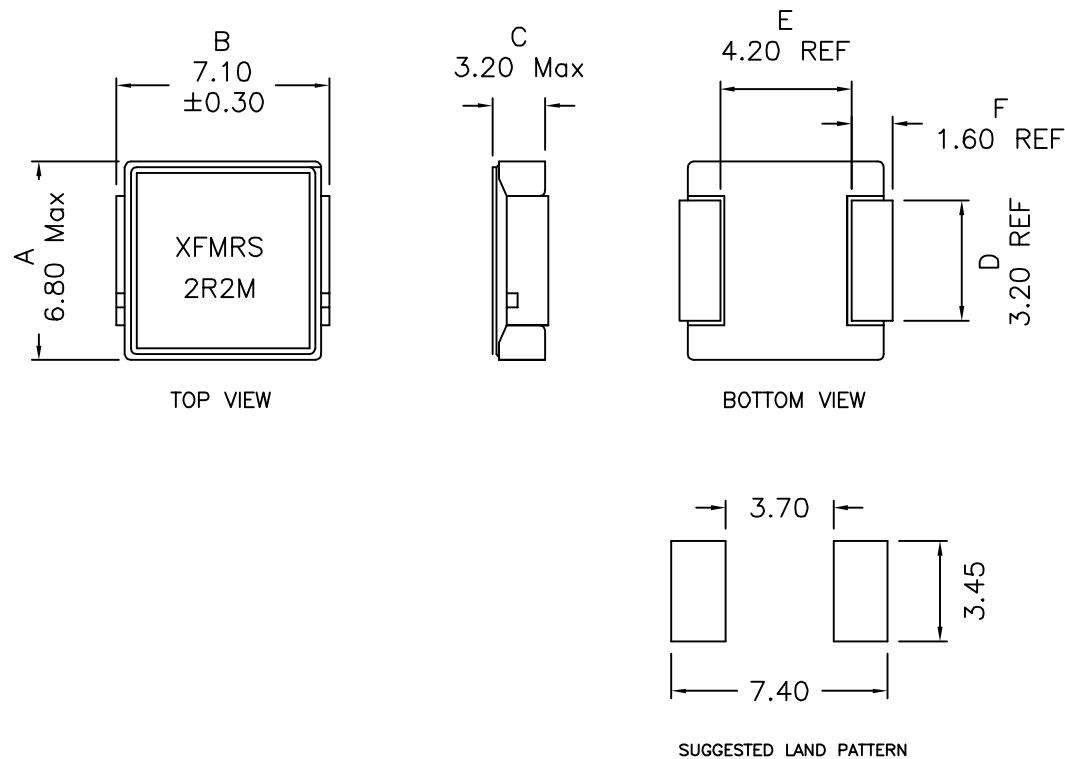
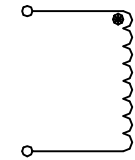


1. Mechanical Dimensions:



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

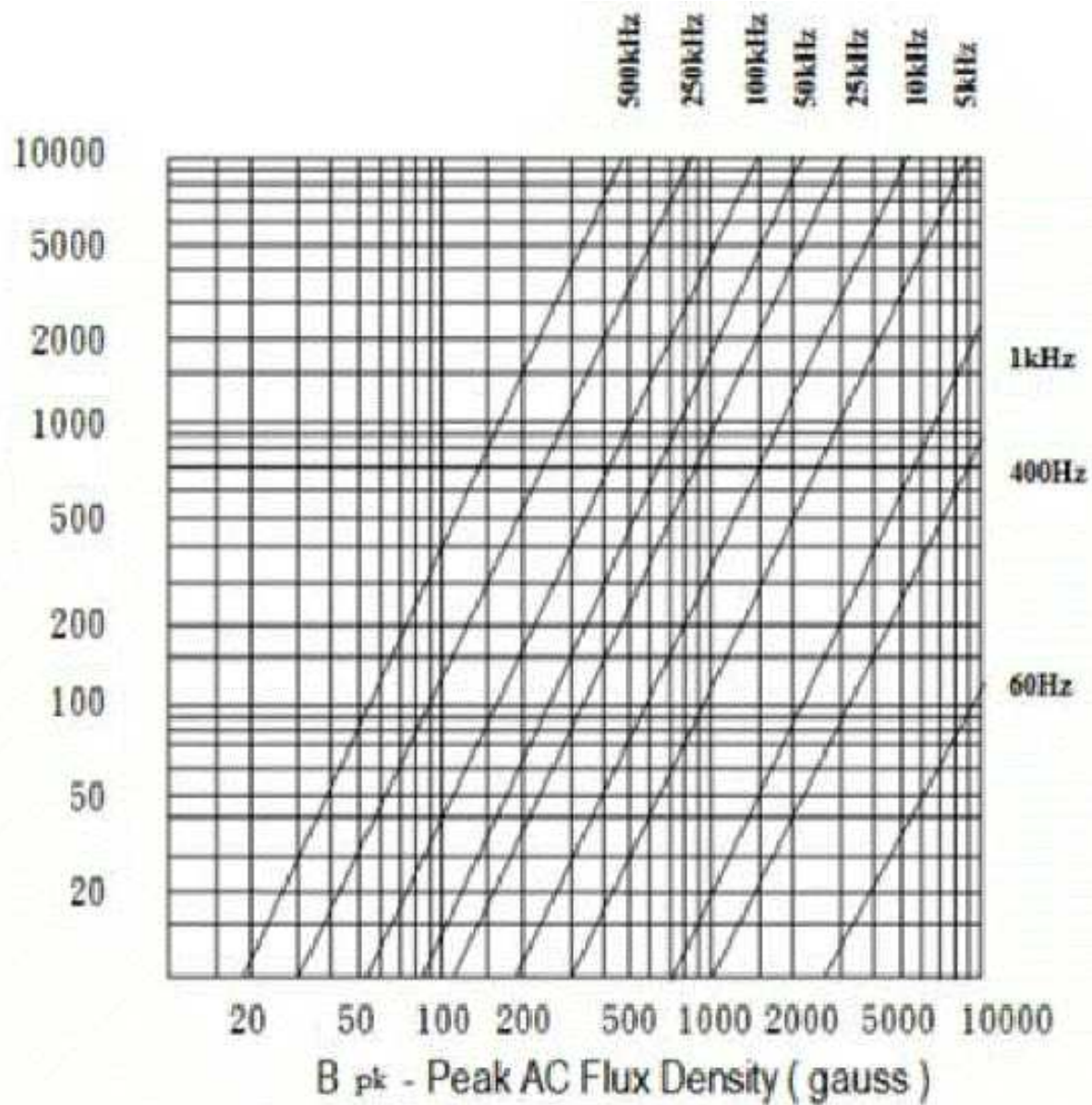
DOC. REV: A/10

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

PROPRIETARY

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

Core Loss
(mW/cm³)



DOC. REV: A/10

XFMRs Inc
www.XFMRS.com

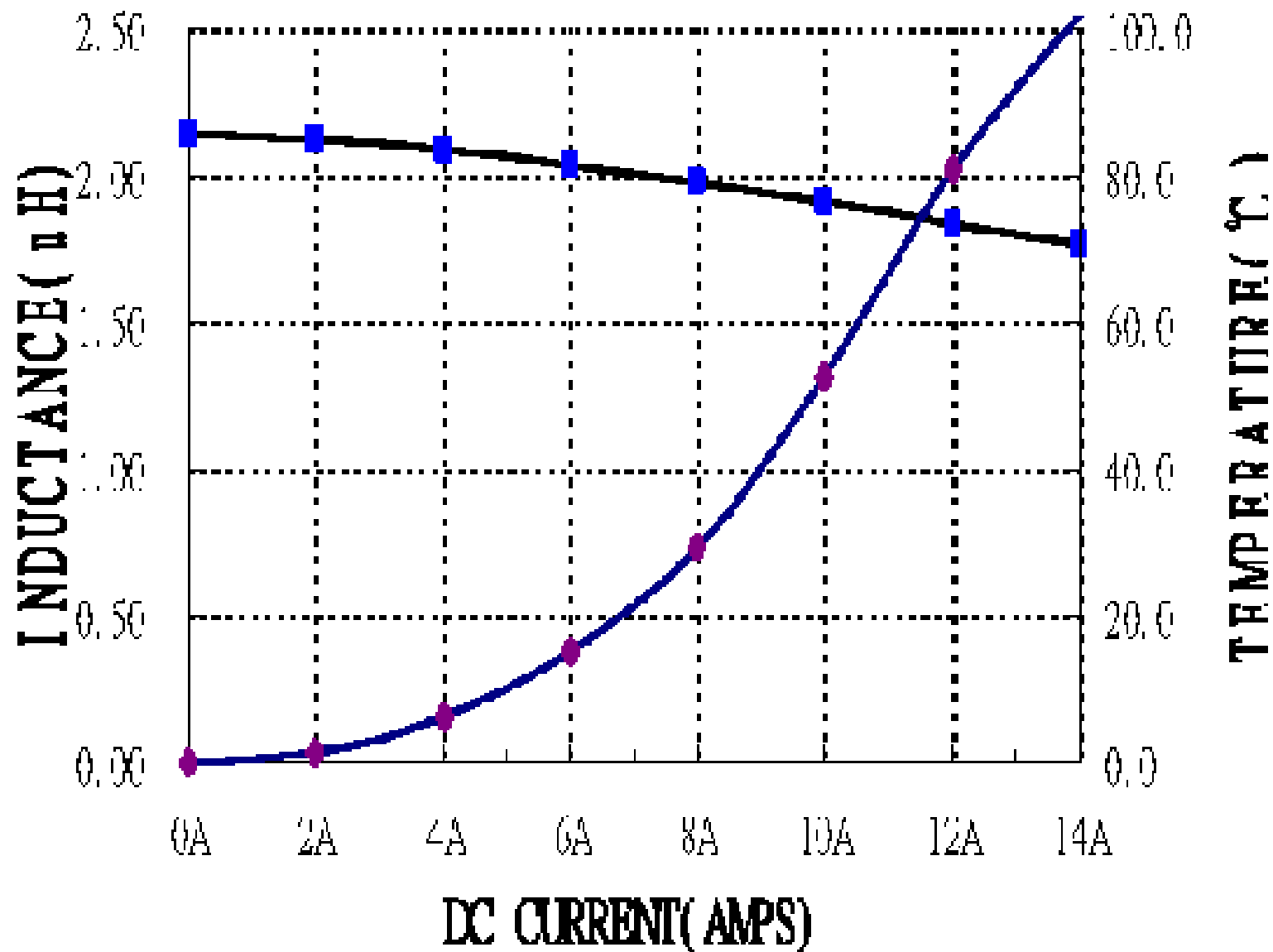
Title:
SHIELDED INDUCTOR

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.25
Dimensions in mm
SHEET 2 OF 5

P/N: XFHCL6-2R2M		REV. A
DWN.	Yuan	Aug-15-18
CHK.	YK Liao	Aug-15-18
APP.	DDC	Aug-15-18

PROPRIETARY

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



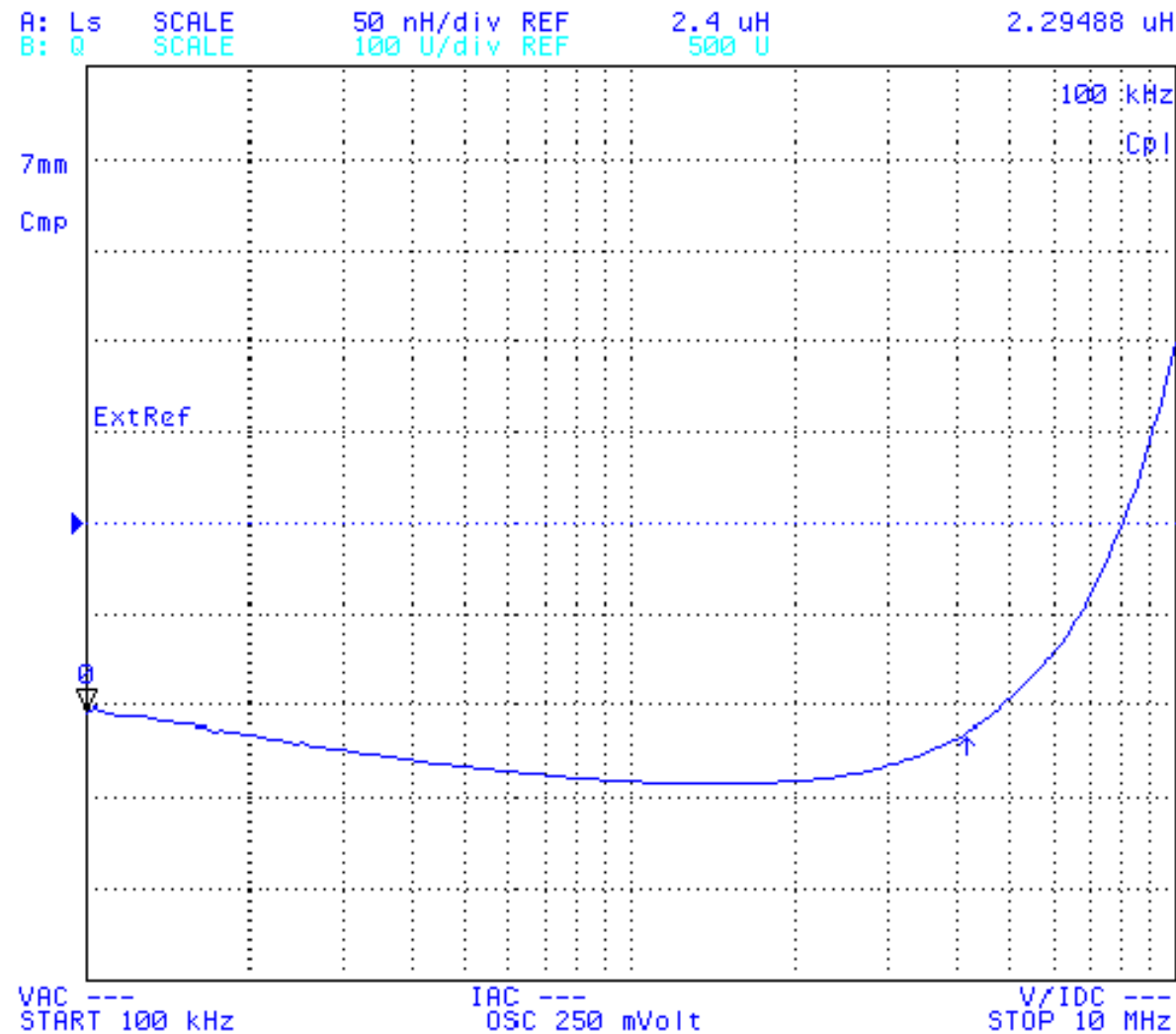
DOC. REV: A/10

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

PROPRIETARY

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

Ls Vs Frequency graph:



XFMRs Inc
www.XFMRs.com

Title:
SHIELDED INDUCTOR

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.25
Dimensions in mm
SHEET 4 OF 5

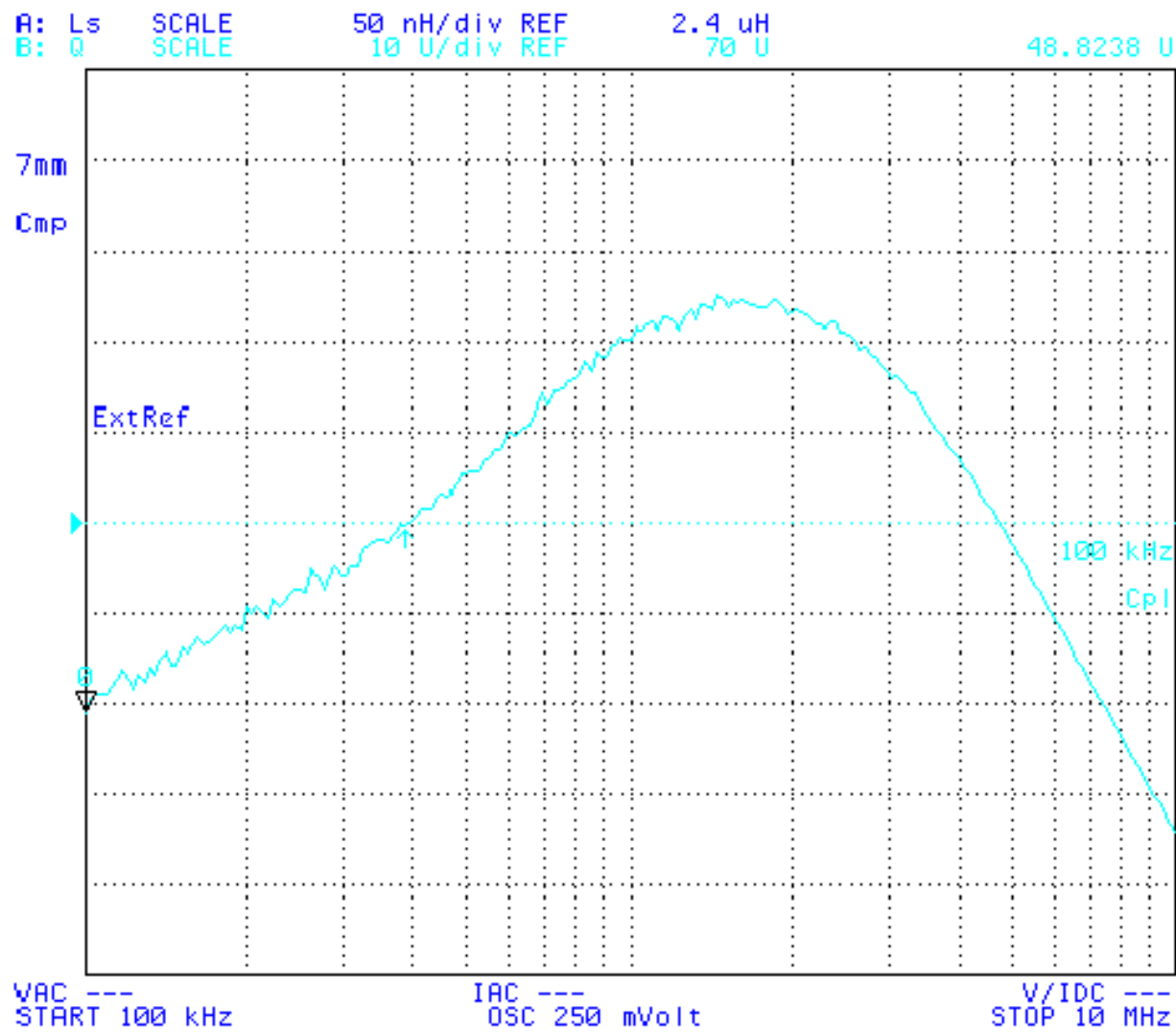
P/N: XFHCL6-2R2M		REV. A
DWN.	Yuan	Aug-15-18
CHK.	YK Liao	Aug-15-18
APP.	DDC	Aug-15-18

DOC. REV: A/10

PROPRIETARY

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

Q value Vs Frequency graph:



XFMRs Inc
www.XFMRS.com

Title:
SHIELDED INDUCTOR

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.25

Dimensions in mm

SHEET 5 OF 5

P/N: XFHCL6-2R2M			REV. A
DWN.	Yuan	Aug-15-18	
CHK.	YK Liao	Aug-15-18	
APP.	DDC	Aug-15-18	

DOC. REV: A/10

PROPRIETARY

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