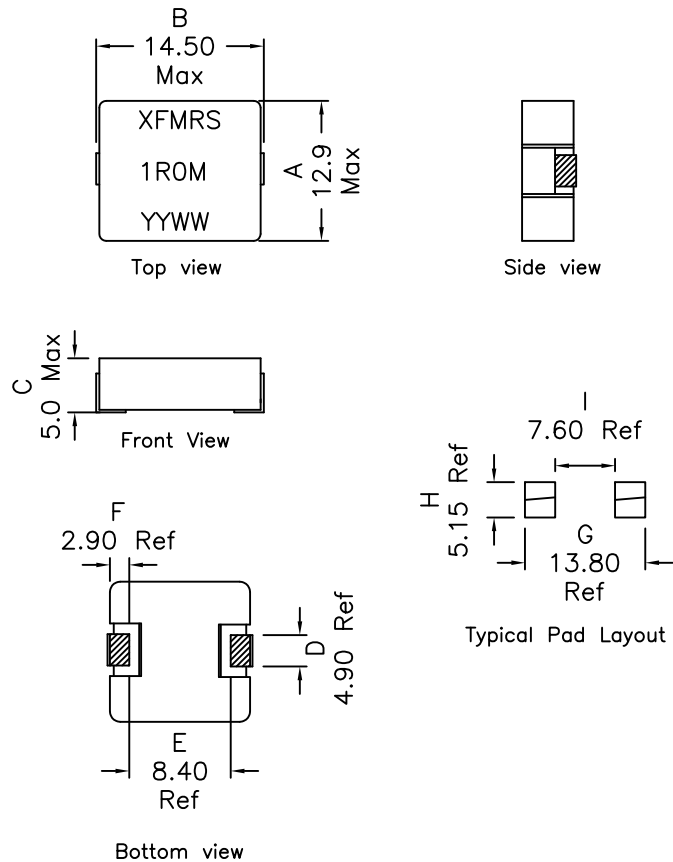
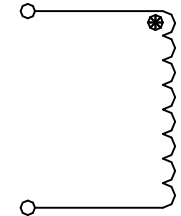


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specifications: @25°C

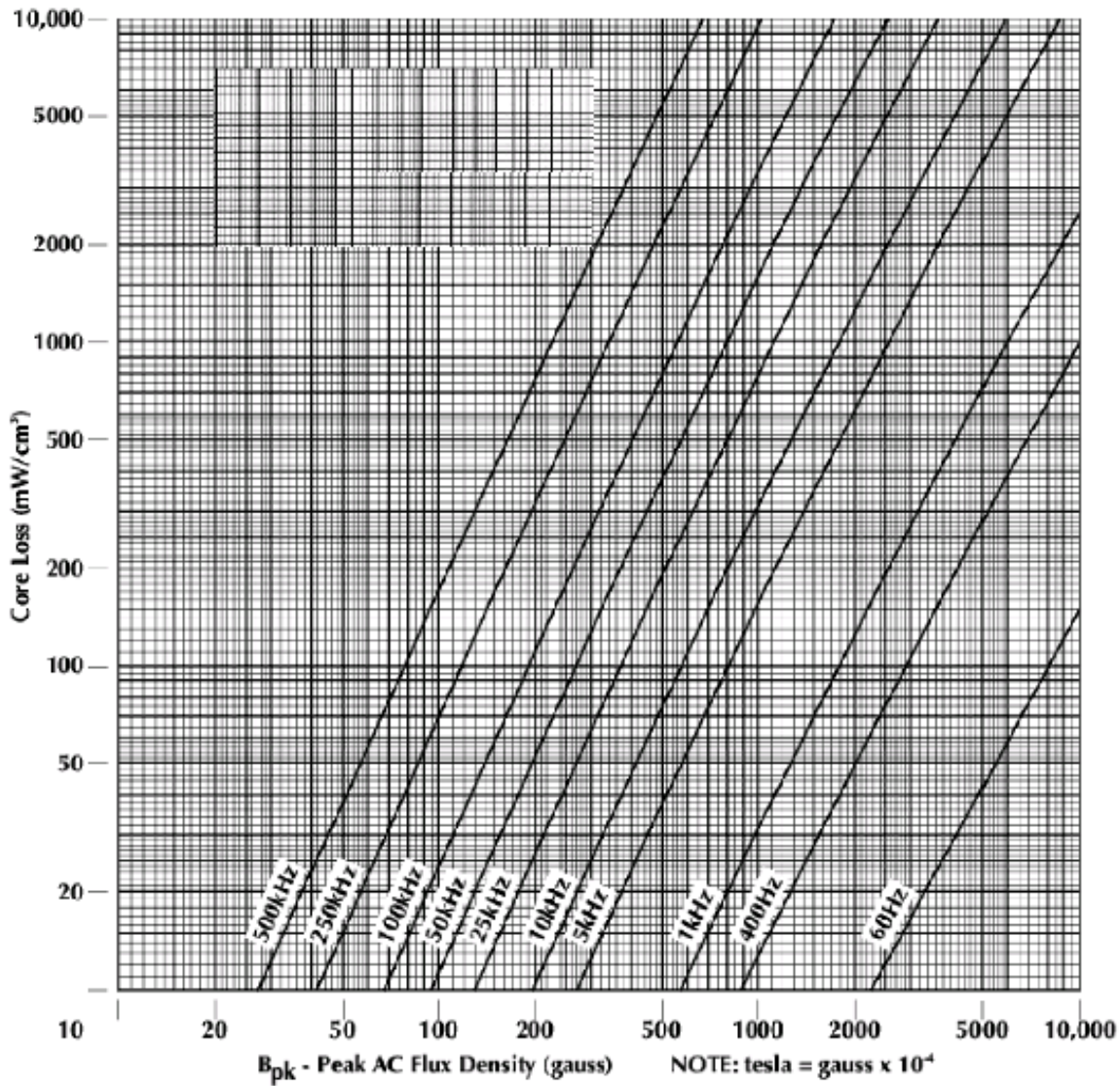
OCL: 1.00uH±20% @100KHz, 0.1V  
 Q: 24 Min @100KHz, 0.1V  
 DCR: 2.10 mOhms Typ, 2.65 mOhms Max  
 Irated: 29.0A (Based on 40°C Temp Rise)  
 Isat: 50.0A (Based on 20% drop in OCL)

**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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<b>XFMRS Inc</b> www.XFMRS.com	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-1ROM	REV. A
TOLERANCES: .xx ±0.25	DWN.	Yuan	Nov-18-13
Dimensions in MM	CHK.	YK Liao	Nov-18-13
SHEET 1 OF 5	APP.	BSJ	Nov-18-13

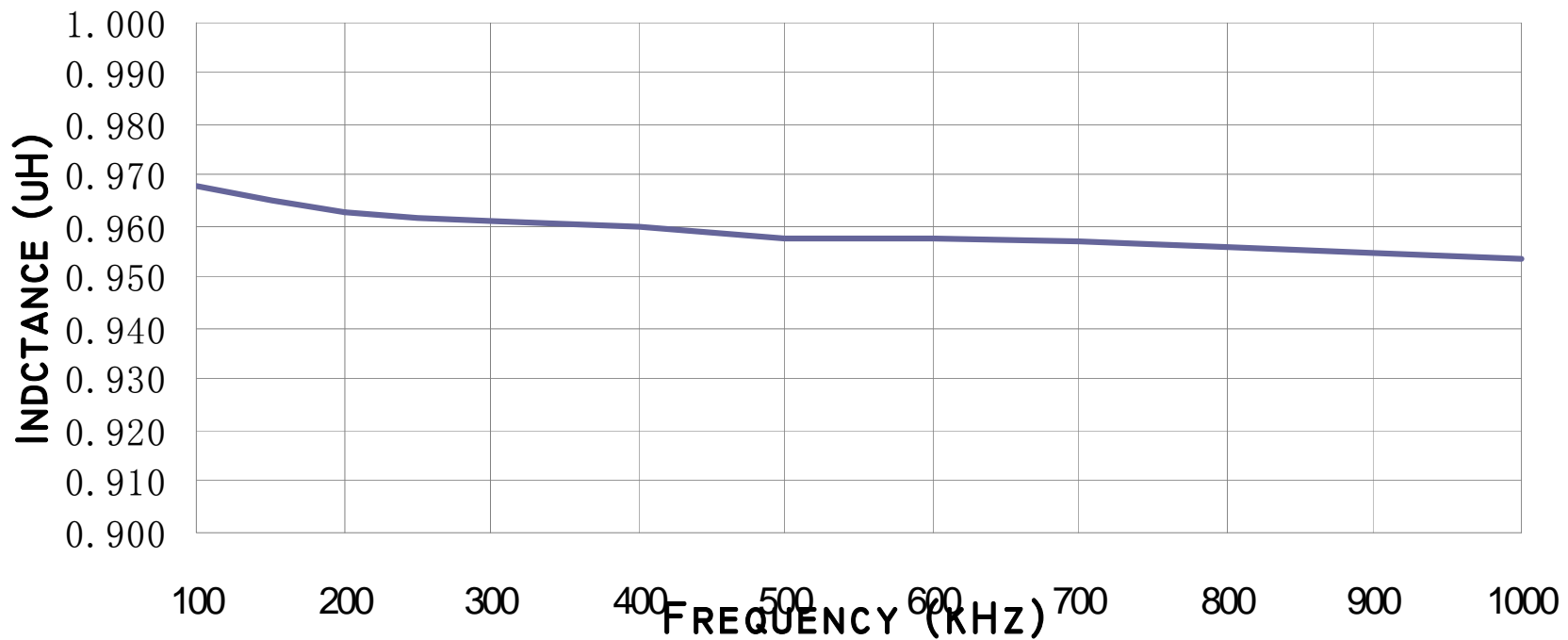


DOC. REV: A/15

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>SHIELDED INDUCTOR</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4-1ROM	REV. A
SHEET 2 OF 5	DWN.	Yuan	Nov-18-13
	CHK.	YK Liao	Nov-18-13
	APP.	BSJ	Nov-18-13

**PROPRIETARY**

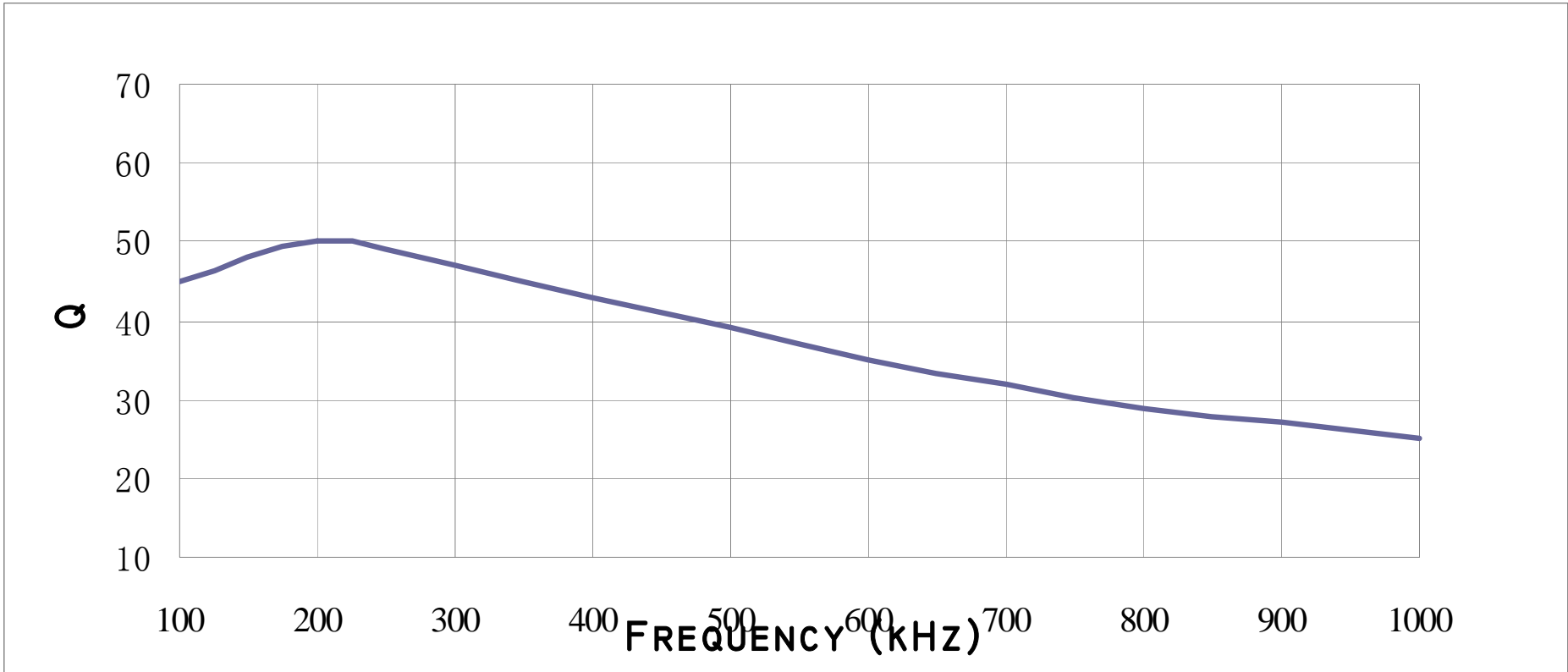
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SHEET 3 OF 5	DWN.	Yuan	Nov-18-13
	CHK.	YK Liao	Nov-18-13
	APP.	BSJ	Nov-18-13

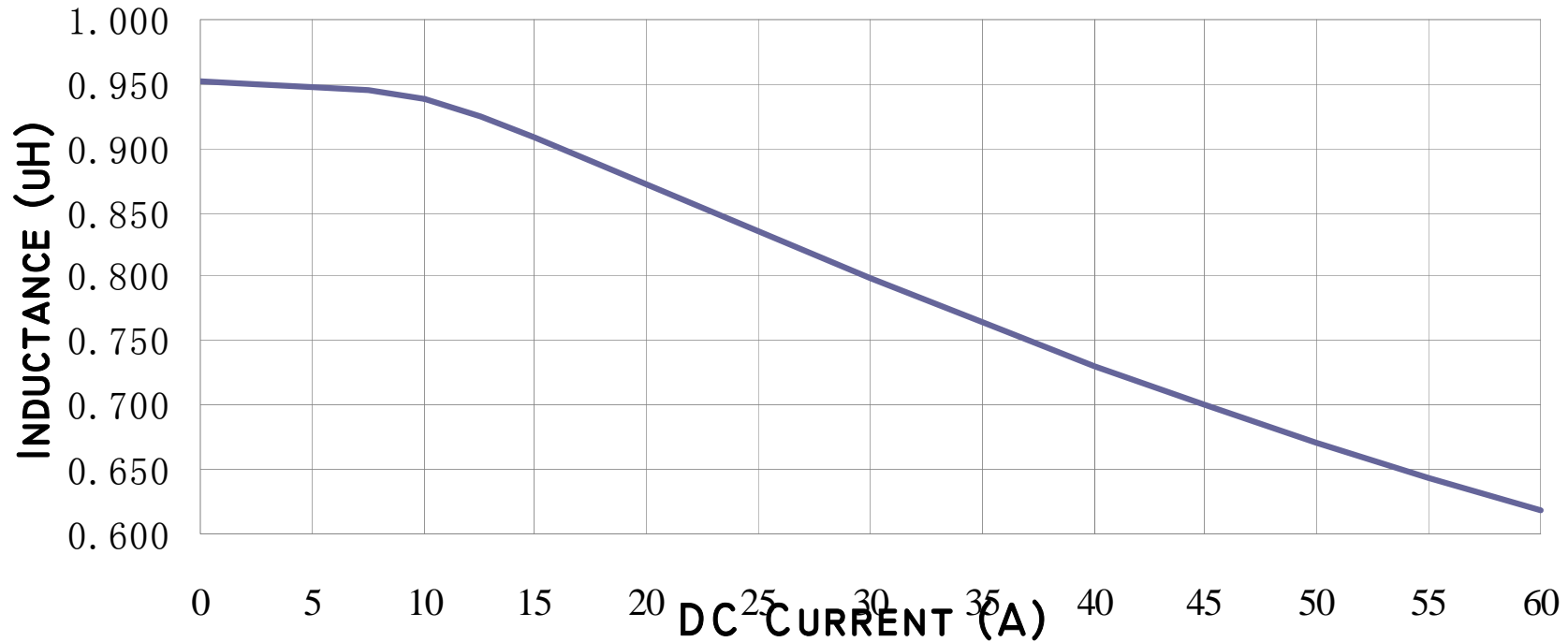
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SHEET 4 OF 5	DWN.	Yuan	Nov-18-13
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SHEET 5 OF 5	DWN.	Yuan	Nov-18-13
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	APP.	BSJ	Nov-18-13