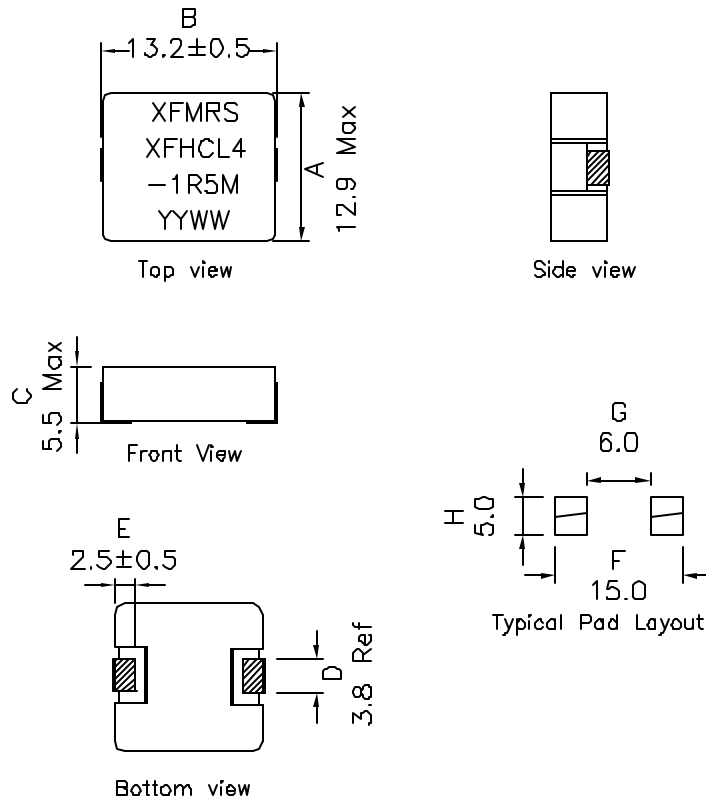


1. Mechanical Dimensions:

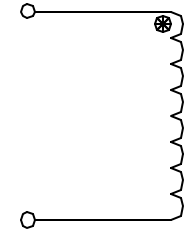


Notes:

- 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 -40°C to +85°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

DOC REV: A/6

2. Schematic:



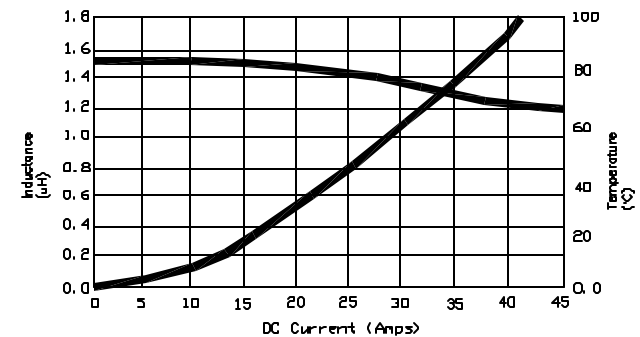
3. Electrical Specifications: @25°C

OCL: $1.5 \mu\text{H} \pm 20\%$ @100KHz 0.25V, 0A_{dc}

DCR: 4.1 mOhms Max

I_{rated}: 23.0A (Based on 40°C Temp Rise)

I_{sat}: 48.0A (Based on 20% drop in OCL)



XFMRs Inc www.XFMRs.com	Title: XFHCL4 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL4-1R5M	REV. A	
	DWN.	Xianyi	Oct-22-08
SHEET 1 OF 1	CHK.	YK Liao	Oct-22-08
	APP.	BW	Oct-22-08

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