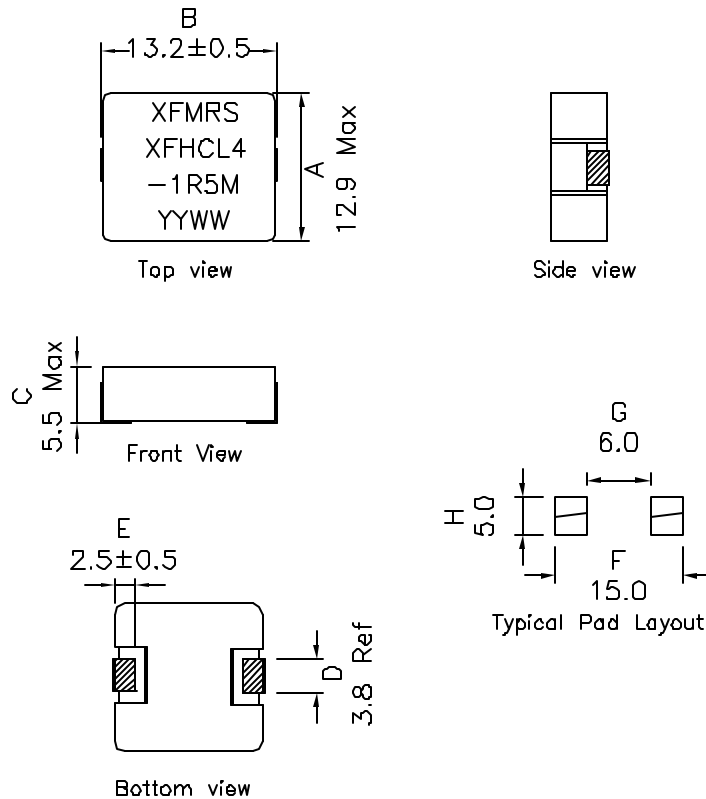


## 1. Mechanical Dimensions:

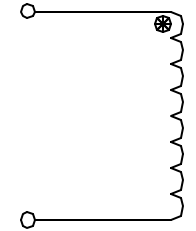


### Notes:

- 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:  $\pm 0.004$ " (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC REV: A/6

## 2. Schematic:



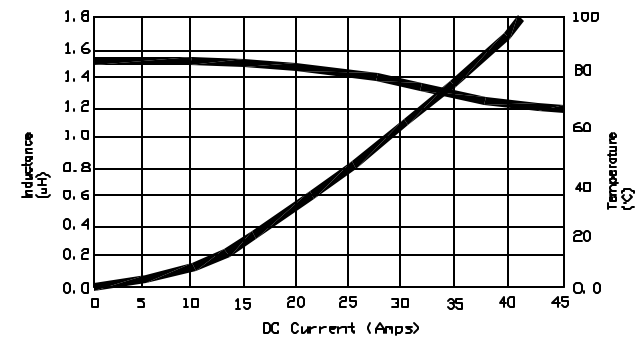
## 3. Electrical Specifications: @25°C

OCL:  $1.5 \mu\text{H} \pm 20\%$  @100KHz 0.25V, 0A<sub>dc</sub>

DCR: 4.1 mOhms Max

I<sub>rated</sub>: 23.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 48.0A (Based on 20% drop in OCL)



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<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>XFHCL4 SERIES INDUCTORS</b>		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ 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