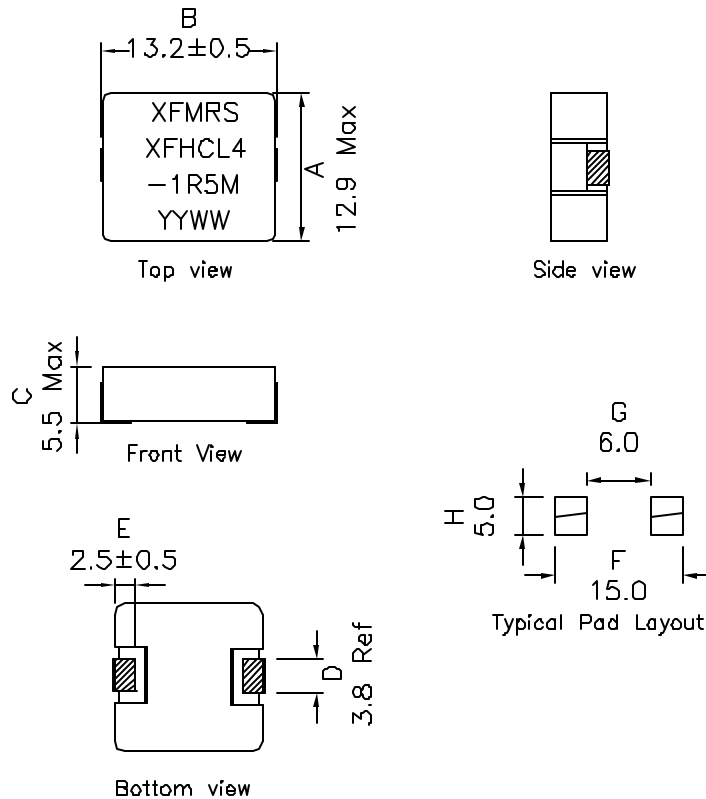


## 1. Mechanical Dimensions:

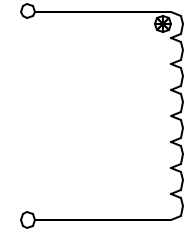


### Notes:

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 -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004$ "(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/6

## 2. Schematic:



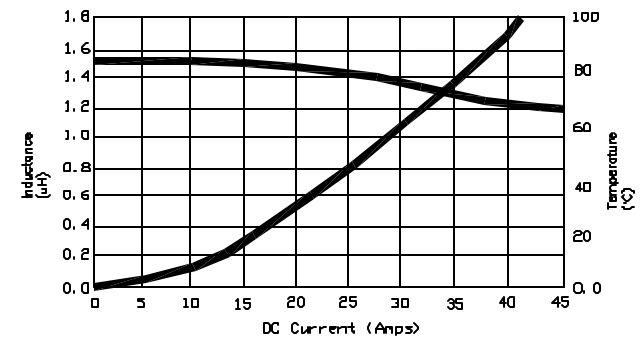
## 3. Electrical Specifications: @25°C

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)



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

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