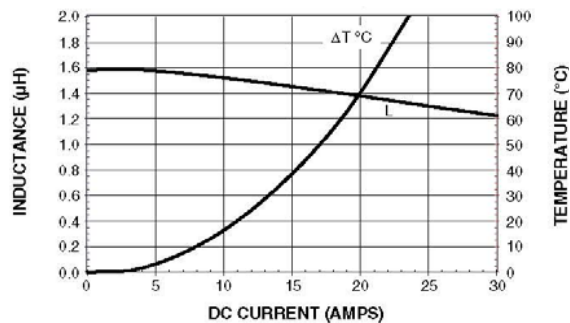
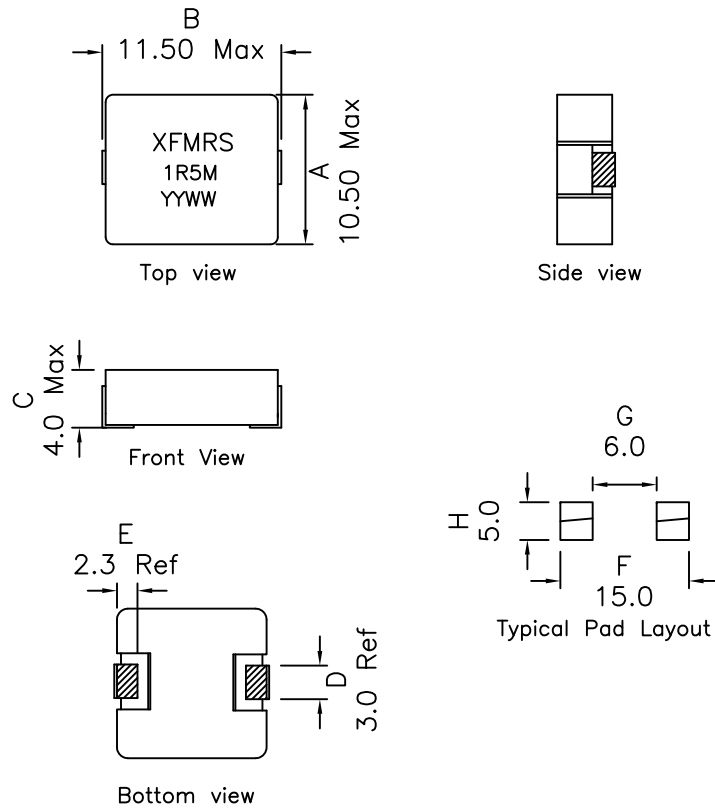
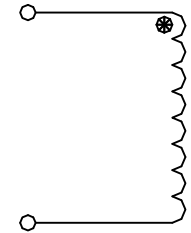


## 1. Mechanical Dimensions:



DOC. REV: A/8

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 1.5uH±20% @100KHz, 0.1V

Q: 23 Min @100KHz, 0.1V

DCR: 5.80 mOhms Max

Irated: 15.0A Typ(Based on 40°C Temp Rise)

I<sub>sat</sub>: 27.5A Typ(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 -40°C to +85°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. Outsourced item processed & controlled under XFMRs QA system

<b>XFMRs Inc</b> www.XFMRs.com		Title: <b>XFHCL11 SERIES INDUCTORS</b>	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL11-1R5M	REV. A	
	DWN.	Yuan	Nov-23-12
SHEET 1 OF 1	CHK.	YK Liao	Nov-23-12
	APP.	BSJ	Nov-23-12

**PROPRIETARY**

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