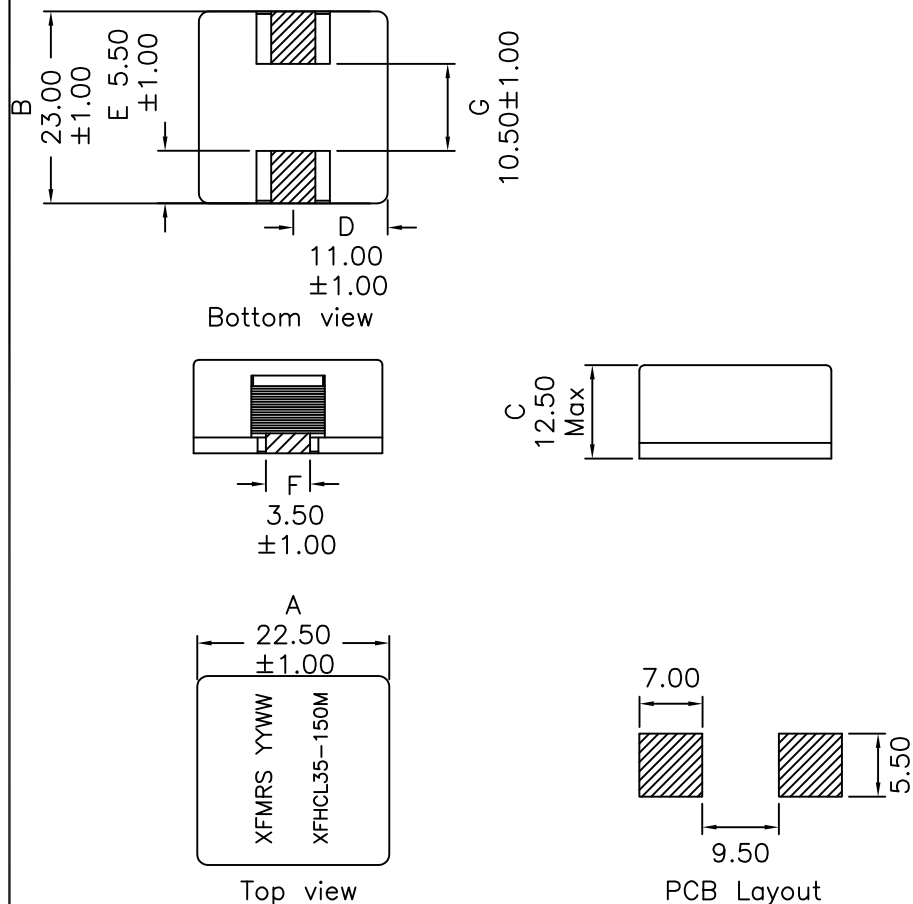
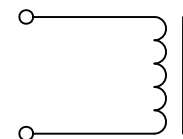


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25C

OCL: 15uH±20% @100KHz 10mA

Q: 5 Min @10KHz 50mV

Rated inductance: 11.0uH Typ @100KHz 10mA @18.25A

Rated current: 18.25A Max (Based on 50°C Rise in Temp)

Isat: 21.0A Typ (Based on 30% drop in OCL Typ)

DCR: 7.0 mOhms Max

SRF: 10.0MHz Typ

### 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 +125°C
- Ambient Temperature: -40°C to +85°C
- Storage Temperature Range: -20°C to +40°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 235C Max.

DOC. REV: A/2

<b>XFMR5 Inc</b> <a href="http://www.XFMR5.com">www.XFMR5.com</a>	Title: <b>HCL SMD Flat Wire High Current Inductor</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL35-150M	REV. A
	DWN.	Yuan	Apr-14-15
	CHK.	YK Liao	Apr-14-15
SHEET 1 OF 1	APP.	Joe Huff	Apr-14-15