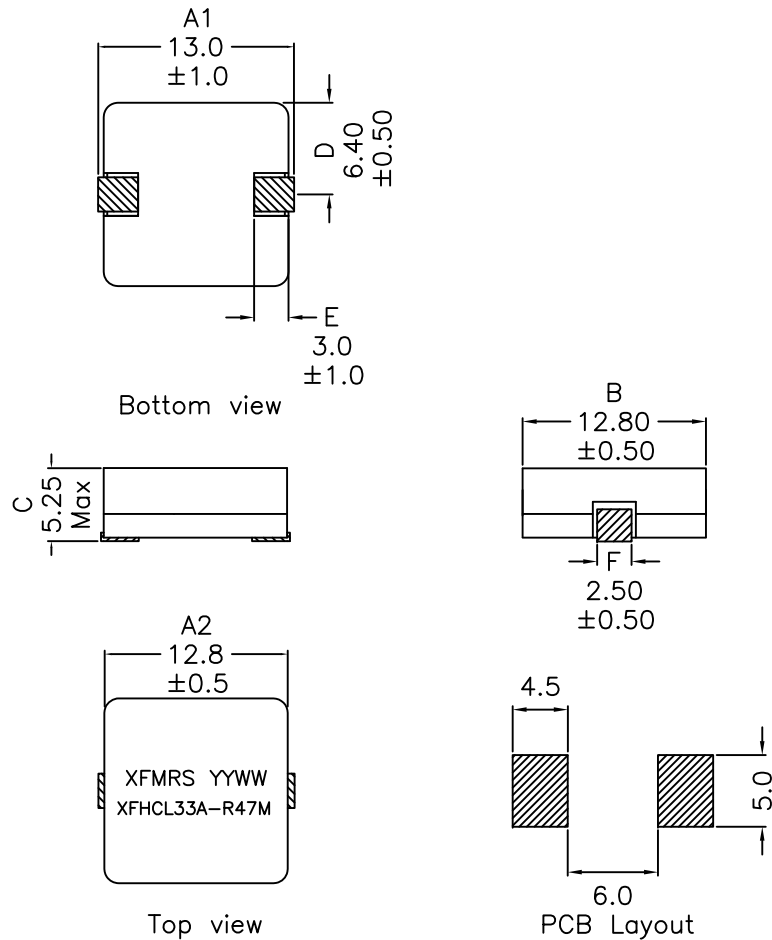


1. Mechanical Dimensions:

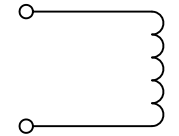


Notes:

- 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 +155°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
- Maximum component temp: 155°C
- Recommended IR Reflow peak temp of 250C Max

DOC. REV: A/3

2. Schematic:



3. Electrical Specifications: @25C

OCL: $0.47\mu\text{H} \pm 20\%$ @100KHz 0.1V

Q : 8 Min @100KHz 0.1V

Rated inductance: $0.42\mu\text{H}$ Typ @100KHz 0.1V @26.0A

Rated current: 26.0A Max (Based on 50°C Rise in Temp)

Isat: 50A Typ (Based on 30% drop in OCL Max)

DCR: 0.90 mOhms $\pm 10\%$

SRF: 95 MHz Typ

PROPRIETARY

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XFMR5 Inc www.XFMR5.com		Title: XFHCL SMD Flat Wire High Current Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL33A-R47M		REV. A
	DWN.	Yuan	May-19-14
	CHK.	YK Liao	May-19-14
SHEET 1 OF 1	APP.	Joe Huff	May-19-14