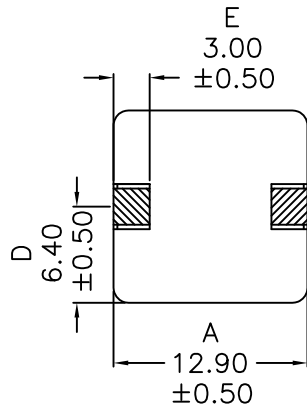
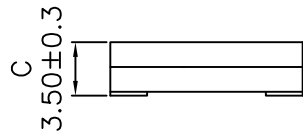
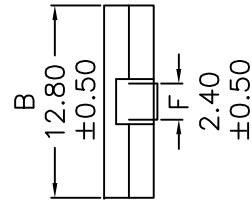


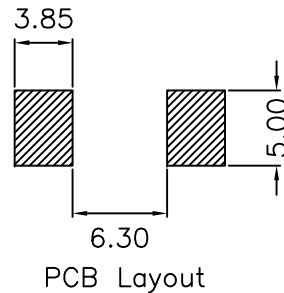
1. Mechanical Dimensions:



Bottom view



Top view

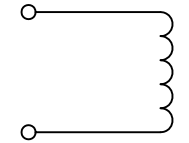


PCB Layout

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 +150°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 235°C Max.

2. Schematic:



3. Electrical Specifications: @25C

OCL: 0.68uH±20% @100KHz 0.1V

Q: 8 Min @100KHz 0.1V

Rated inductance: 0.47uH Typ @100KHz 0.1V @22.0A

Rated current: 22.0A Max (Based on 50°C Rise in Temp)

Isat: 40A Typ (Based on 30% drop in OCL Max)

DCR: 1.74 mOhms Max

SRF: 145 MHz Typ

DOC. REV: A/4

XFMRs Inc www.XFMRs.com	Title: XFHCL SMD Flat Wire High Current Inductor		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL33-R68M	REV. A
TOLERANCES: .xx ±0.25 Dimensions in MM	DWN.	Yuan	Jan-19-15
	CHK.	YK Liao	Jan-19-15
SHEET 1 OF 1	APP.	DDC	Jan-19-15

PROPRIETARY

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