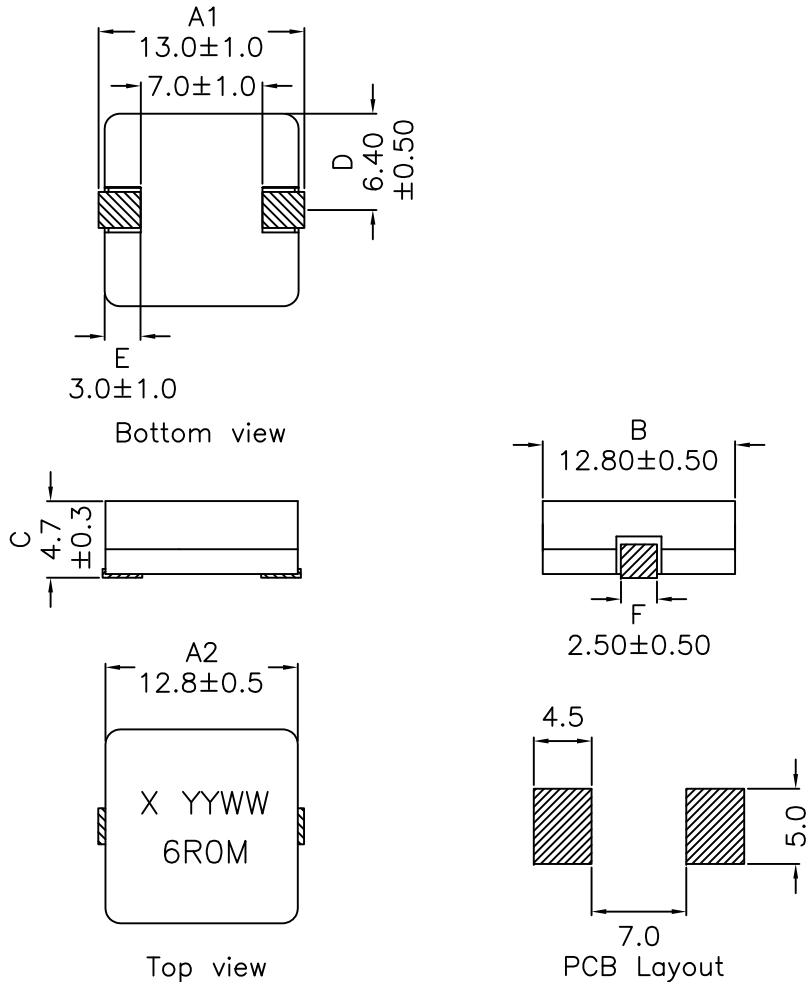


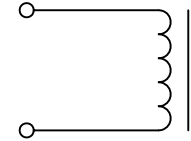
1. Mechanical Dimensions:



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
Ambient temperature: -40°C to +105°C
- Storage Temperature Range: -20°C to +40°C
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Maximum component temp: 155°C
- Recommended IR Reflow peak temp of 250°C Max.

2. Schematic:



3. Electrical Specifications: @25°C

OCL: $6.0\mu\text{H} \pm 20\%$ @100KHz, 10mA

Q: 20 Min @100KHz, 10mA

Rated inductance: $4.7\mu\text{H}$ Typ @100KHz 10mV @9.5A

Rated current: 9.5A Max (Based on 50°C Rise in Temp)

I_{sat}: 11.5A Typ (Based on 30% drop in OCL Max)

DCR: 13.5 mOhms Max

SRF: 30 MHz Typ

DOC. REV: A/2

XFMRs Inc www.XFMRS.com	Title: XFHCL SMD Flat Wire High Current Inductor			
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL33A-6ROM	REV. A	
TOLERANCES: .xx ± 0.25	DWN.	Yuan	Jul-14-14	
Dimensions in MM	CHK.	YK Liao	Jul-14-14	
SHEET 1 OF 1	APP.	BSJ	Jul-14-14	

PROPRIETARY

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