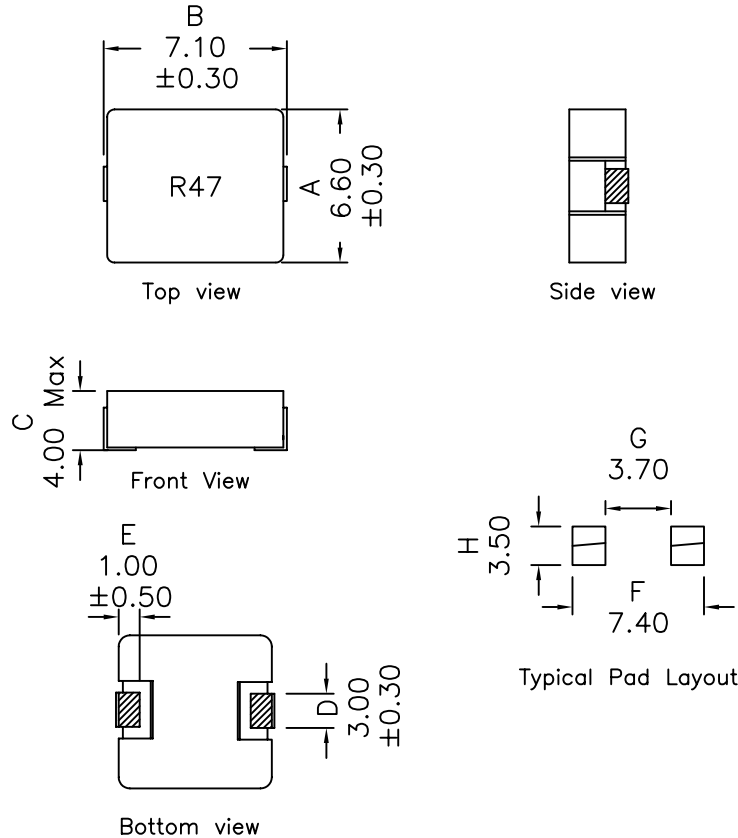


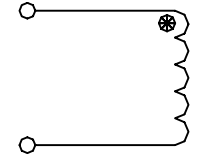
1. Mechanical Dimensions:



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: $\pm 0.004''$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

2. Schematic:



3. Electrical Specifications: @25°C

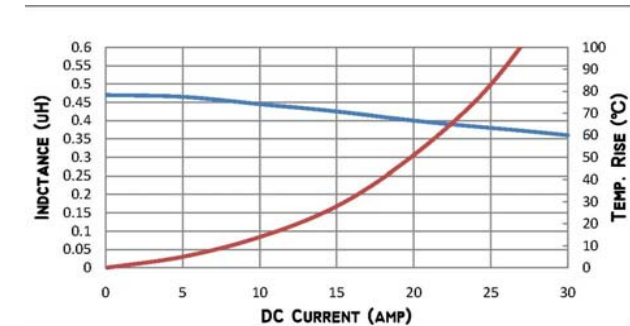
OCL: $0.47\mu\text{H} \pm 20\%$ @100KHz, 1.0V

Q: 15 Min @100KHz, 1.0V

DCR: 2.70 mOhms Max

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

Isat: 21.0A (Based on 25% drop in OCL)



DOC REV: A/1

XFMRs Inc www.XFMRs.com	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL6MA-R47M	REV. A
TOLERANCES: .xx ± 0.25	DWN.	Xiany	Jun-20-09
Dimensions in MM	CHK.	YK Liao	Jun-20-09
SHEET 1 OF 1	APP.	BW	Jun-20-09