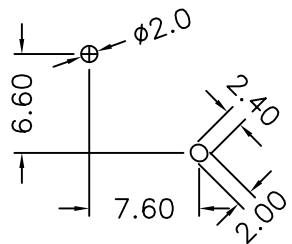
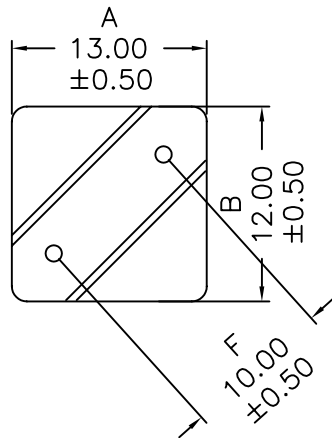
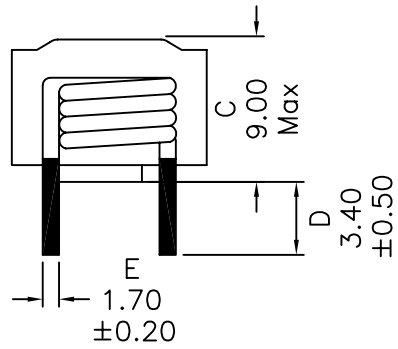
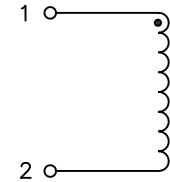


1. Mechanical Dimensions:



Layout recommend

2. Schematic:



3. Electrical Specs:

OCL: $0.47\mu\text{H} \pm 20\%$ @200KHz 0.25V

DCR: 0.70 mOhms Max

Isat: 54A (Based on 20% Typ drop in OCL)

Irms: 38A (Based on 40°C Typ Temp Rise)

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 +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV: A/1

XFMRs Inc www.XFMRs.com	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES:	P/N: XFHCL21TH-R47M	REV A
.xx ±0.25	DWN.	Xianyi	Jun-26-09
Dimensions in MM	CHK.	YK Liao	Jun-26-09
SHT 1 OF 2	APP.	BW	Jun-26-09