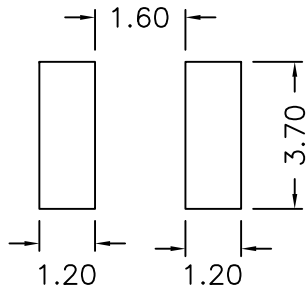
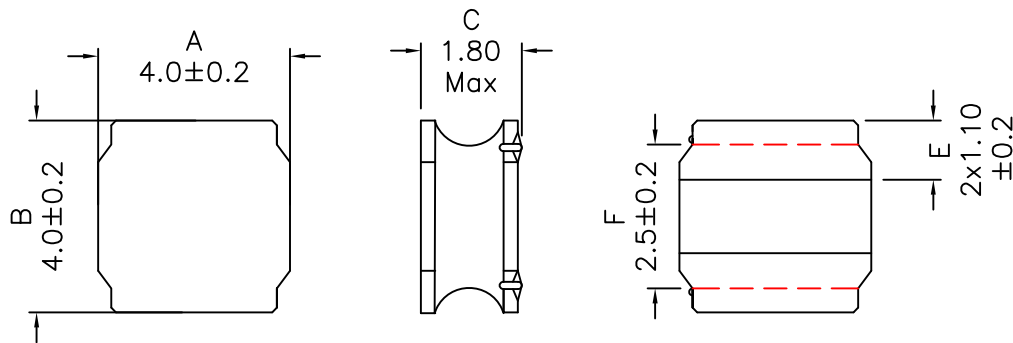
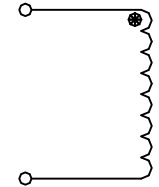


1. Mechanical Dimensions:



Recommended Land Patterns

2. Schematic:



3. Electrical Specification:

OCL: $10 \mu\text{H} \pm 20\%$ @100KHz 1V

Q: tbd @100KHz 1V

Isat: 1.50Adc (Based on 30% Typ Drop in OCL)

DCR: $0.260 \text{ Ohms} \pm 20\%$

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 $+85^\circ\text{C}$
- Storage Temperature Range: -55°C to $+125^\circ\text{C}$
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMRs QA system

DOC REV: A/-

XFMRs Inc. www.XFMRs.com		Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM		P/N: XF404018HC-100M	REV. A
		DWN.	Xianyi
		CHK.	YK Liao
SHEET 1 OF 1		APP.	DDC
			Jan-15-14
			Jan-15-14
			Jan-15-14