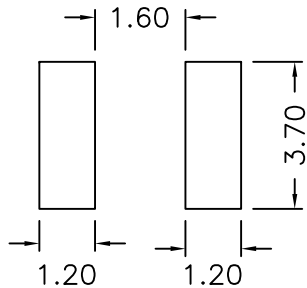
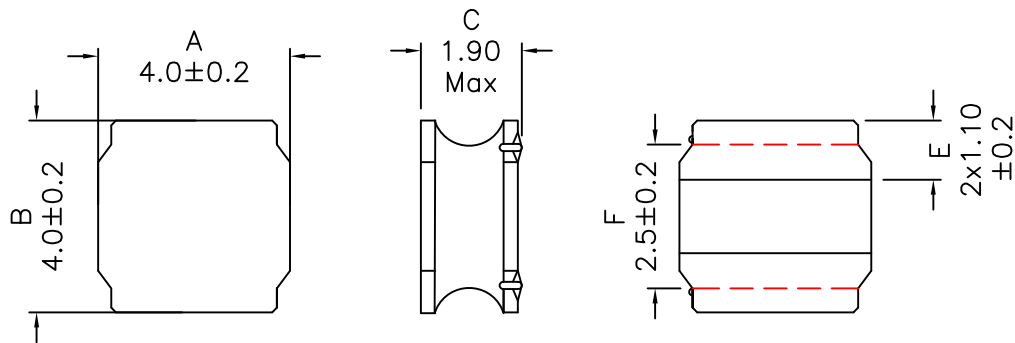
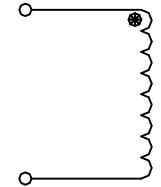


1. Mechanical Dimensions:



Recommended Land Patterns

2. Schematic:



3. Electrical Specification:

OCL: $10\mu\text{H} \pm 20\%$ @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

I_{rms}: 0.840A (Based on 40°C Temp Rise)

I_{sat}: 1.200Adc (Based on 30% Typ Drop in OCL)

DCR: 0.216 Ohms Max

SRF: 24.0MHz Min

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
- SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

XFMRs Inc. www.XFMRS.com		Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM		P/N: XF404018-470M	REV. A
		DWN.	Feb-12-14
		CHK.	Feb-12-14
		APP.	Feb-12-14

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