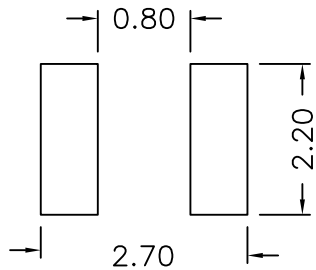
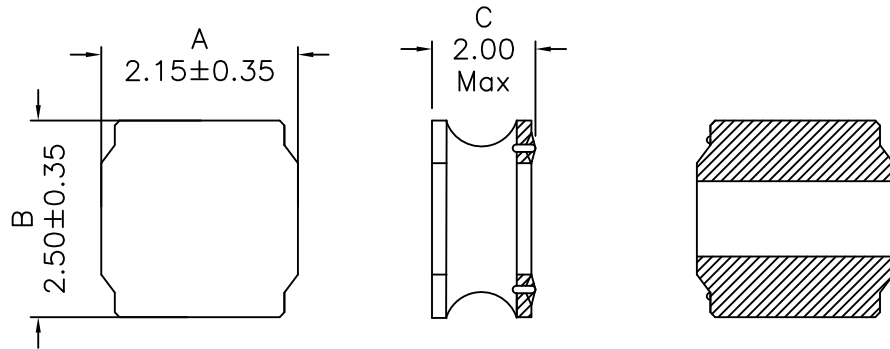
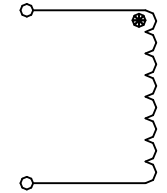


### 1. Mechanical Dimensions:



Recommended Land Patterns

### 2. Schematic:



### 3. Electrical Specification: @25°C

OCL:  $100\text{nH} \pm 20\%$  @100KHz 0.25V

Q: 2.0 Min @100KHz 0.25V

Irms: 6.0A (Based on 40°C Typ Temp Rise)

Isat: 11.0Adc (Based on 30% Typ Drop in OCL)

DCR: 6 mOhms Max

SRF: 500MHz 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: -40°C to +105°C (Includes temperature when the coil is heated)
- 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
- Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/1

<b>XFMRS Inc.</b> www.XFMRS.com		Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ Dimensions in MM	P/N: XFADEV-0007		REV. A
	DWN.	Huo	Mar-26-19
	CHK.	YK Liao	Mar-26-19
	APP.	DDC	Mar-26-19
SHEET 1 OF 1			