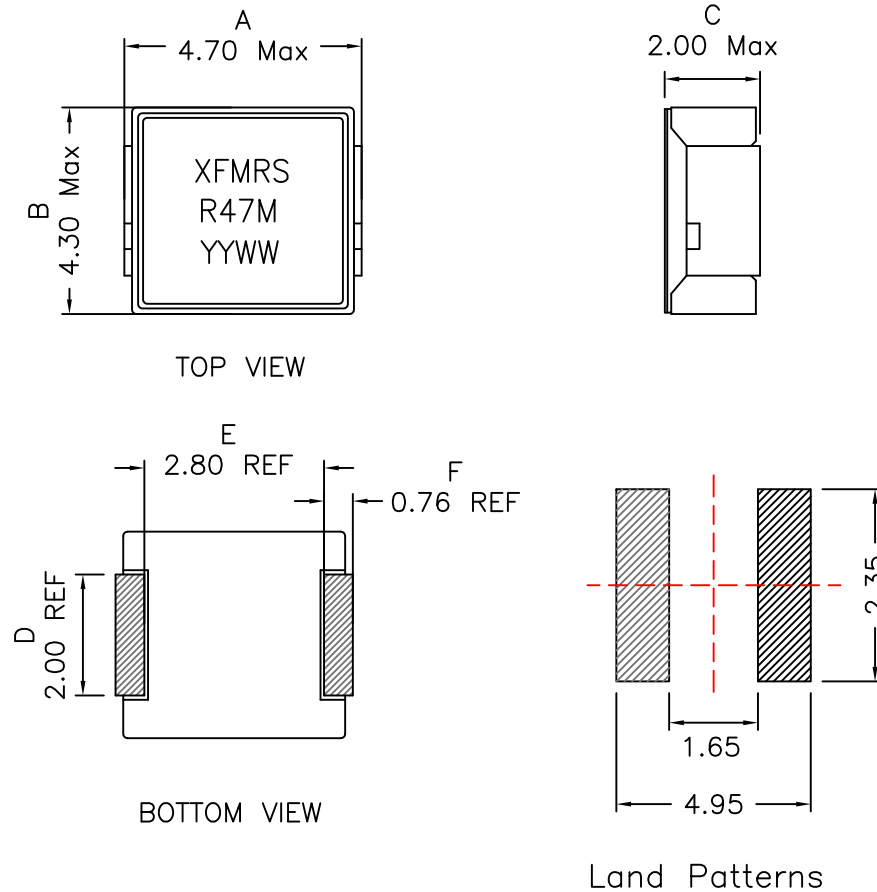
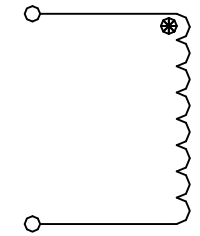


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: $0.47\mu\text{H} \pm 20\%$ @100KHz 0.25V

Q: tbd Min @100KHz 0.25V

DCR: 14.0 mOhms Max

I_{rms}: 8.0A (Based on 40°C Temp Rise)

I_{sat}: 14.5A (Based on 20% Typ drop in OCL)

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 -55°C to +125°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

DOC. REV: A/4

XFMRs Inc www.XFMRS.com	Title: XFHCL19M SERIES INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL19M-R47M	REV. A
TOLERANCES: .xx ± 0.25	DWN.	Feng	May-22-15
Dimensions in MM	CHK.	YK Liao	May-22-15
SHEET 1 OF 1	APP.	DDC	May-22-15

PROPRIETARY

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