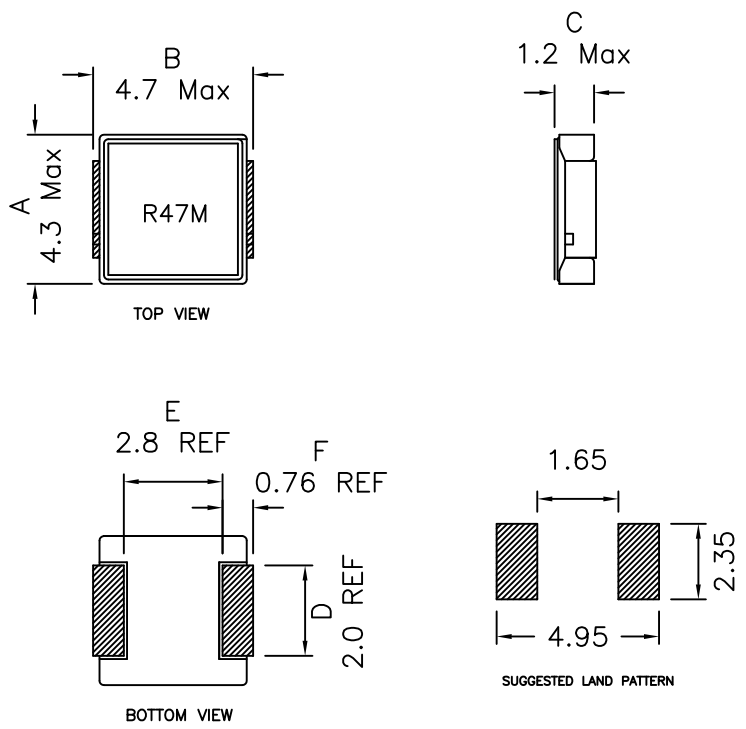
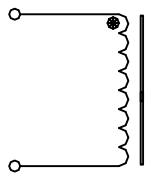
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.47uH±20% @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

Isat: 6.5Adc (OCL 20% Typ drop in OCL)

Irms: 6.0Adc (OCL 40°C Temp Rise)

DCR: 18.0 mOhms Typ 20.0 mOhms Max

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +105°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max
12. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/2

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XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL19-R47M		REV. A
	DWN.	Yuan	May-05-14
	CHK.	YK Liao	May-05-14
SHEET 1 OF 1	APP.	BSJ	May-05-14