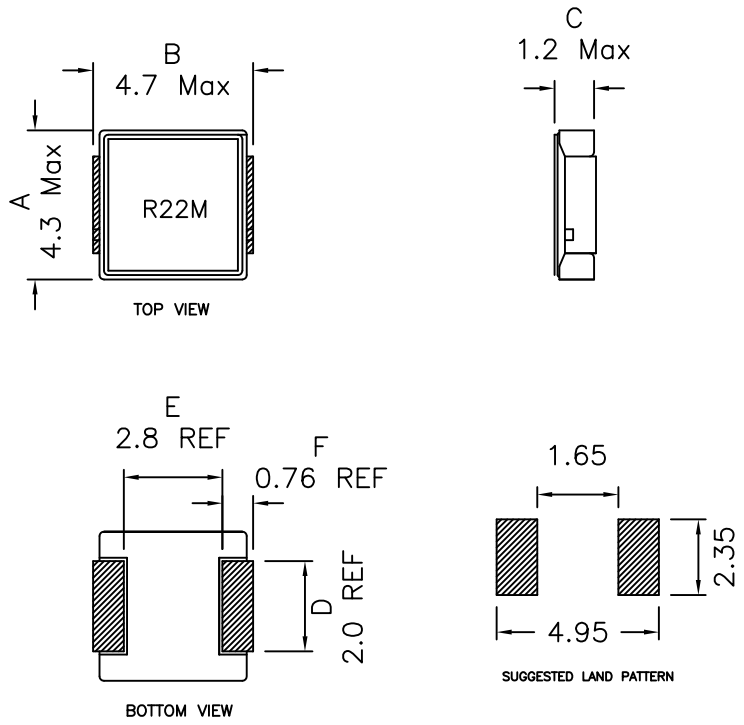
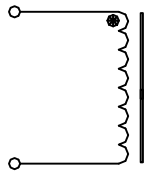
## 1. Mechanical Dimensions:




## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.22uH±20% @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

Isat: 11.5Adc (OCL 20% Typ drop in OCL)

Irms: 8.5Adc (OCL 40°C Temp Rise)

DCR: 12mOhms 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<br>www.XFMRS.com | Title: INDUCTOR | | |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xx ±0.25<br>Dimensions in MM | P/N: XFHCL19-R22M | | REV. A |
| | DWN. | Yuan | Jul-01-16 |
| | CHK. | YK Liao | Jul-01-16 |
| SHEET 1 OF 1 | APP. | GL | Jul-01-16 |