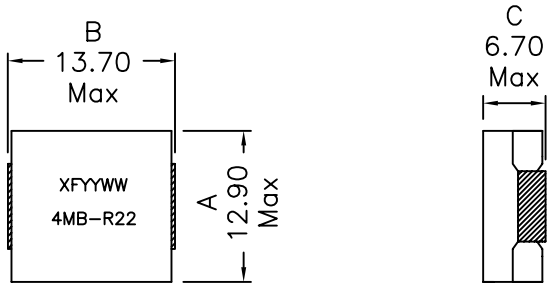
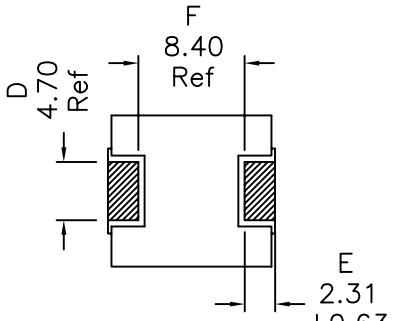
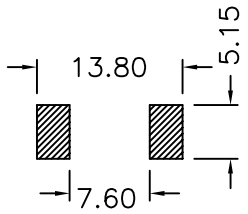
## 1. Mechanical Dimensions:




TOP VIEW

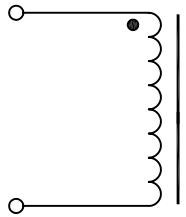



BOTTOM VIEW




SUGGESTED LAND PATTERN

## 2. Schematic:



## 3. Electrical Specifications: @25C

OCL: 0.22uH±20% @100KHz 0.25V

Q: 20 Min @100KHz 0.25V

DCR: 0.70 mOhms Max

Isat: 112Adc (Based on 20% drop in OCL)

Irms: 50.4Adc (Based on 40°C Temp Rise)

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 -55°C to +125°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

DOC. REV: A/1

| | | | |
|---|---|---|---|
| XFMRS Inc www.XFMRS.com | Title: SMD, INDUCTOR | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM | P/N: XFHCL4MB-R22M | | REV A |
| | DWN. | Feng | Mar-16-11 |
| | CHK. | YK Liao | Mar-16-11 |
| SHT 1 OF 1 | APP. | BW | Mar-16-11 |

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