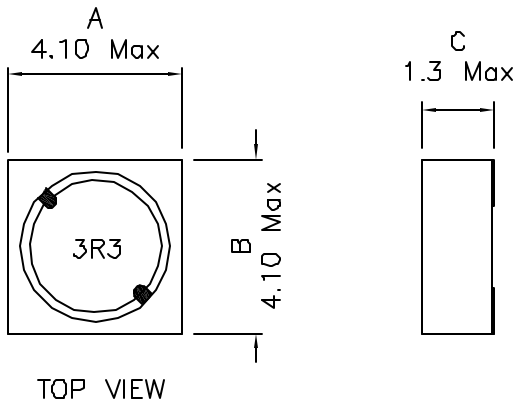
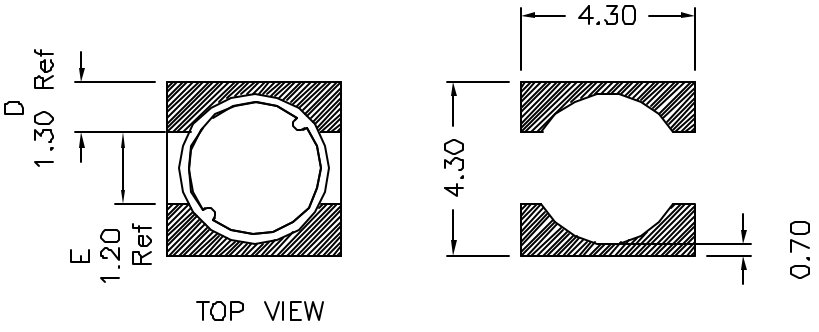
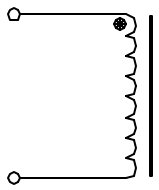
## 1. Mechanical Dimensions:




## 2. Schematic:



## 3. Electrical Specification:

OCL: 3.3uH±30% @100KHz 0.1V

DCR: 100 mOhms Max

Isat: 1.4Adc Max (Based on 30% drop in OCL)

Irms: 2A (Based on 40°C Temp Rise)

SRF: 100MHz Typ

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 E151555
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°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

| | | | |
|---|---|---|---|
| XFMRS Inc. www.XFMRS.com | Title: SHIELDED INDUCTOR | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .x ±0.30mm Dimensions in mm | P/N: XFTPRH4012-3R3M | | REV. A |
| | DWN. | Kang Chen | Dec-07-07 |
| | CHK. | YK Liao | Dec-07-07 |
| SHEET 1 OF 1 | APP. | MS | Dec-07-07 |

DOC. REV: A/1

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