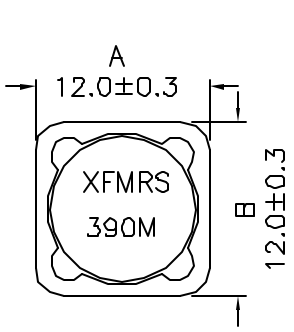
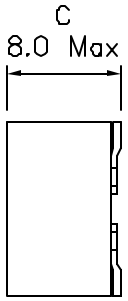
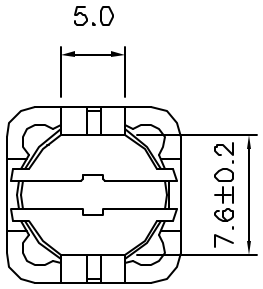
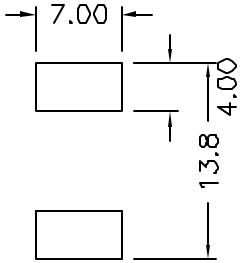
## 1. Mechanical Dimensions:



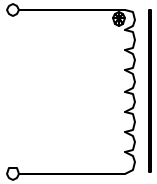




(BOTTOM VIEW)




(SUGGESTED MOUNTING PAD)

## 2. Schematic:



## 3. Electrical Specifications: @25°C

INDUCTANCE: 39uH±20% @1.0KHz 0.1V

DC RESISTANCE: 0.0729 Ohms Max

CURRENT: 3.50Adc Max (Based on 10% Drop in OCL)

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 +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<br>www.XFMRS.com | Title:<br>XFTPRH1207 SERIES INDUCTORS | | |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>TYPICAL<br>Dimensions in MM | P/N: XFTPRH1207-390M | | REV. A |
| | DWN. | 李小锋 | Nov-05-07 |
| | CHK. | 黄玉坤 | Nov-05-07 |
| SHEET 1 OF 1 | APP. | MS | Nov-05-07 |

DOC REV: A/2

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