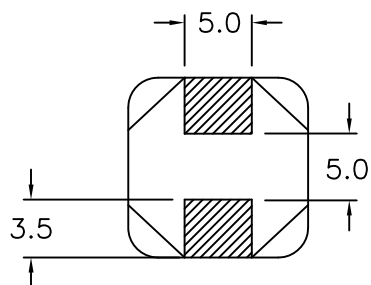
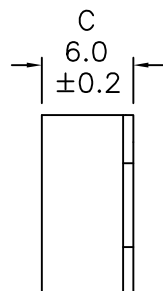
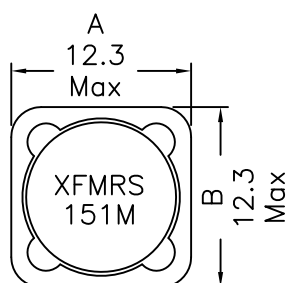
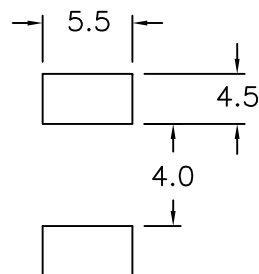


## 1. Mechanical Dimensions:



(BOTTOM VIEW)



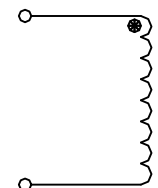
(SUGGESTED MOUNTING PAD)

### 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:  $\pm 0.004''$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/-

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 150uH $\pm$ 20% @100KHz 0.1V, 0Adc

Q: tbdMin @100KHz, 0.1V

DCR: 363 mOhms Max

Isat: 1.36Adc (Based on 10% drop in OCL)

1.58Adc (Based on 20% drop in OCL)

1.70Adc (Based on 30% drop in OCL)

Irms: 0.95A (Based on 20°C Temp Rise)

1.30A (Based on 40°C Temp Rise)

SRF: 6.6MHz Typ

**PRELIMINARY**

<b>XFMRs Inc.</b> <a href="http://www.XFMRS.com">www.XFMRS.com</a>	Title: XFTPRH1204B SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED	P/N: XFTPRH1204B-151M	REV. A
TOLERANCES: TYPICAL	DWN.	Xianyi	Jul-26-16
Dimensions in MM	CHK.	YK liao	Jul-26-16
SHEET 1 OF 1	APP.	GL	Jul-26-16