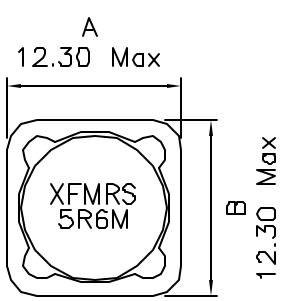
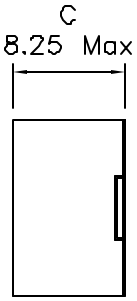
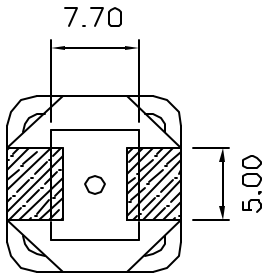
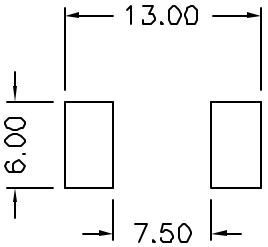
1. Mechanical Dimensions:





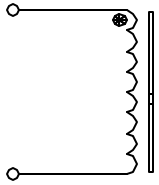


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 5.6uH±20% @100KHz 0.1V

DCR: 23 mOhms Max

Isat: 12Adc Max (Based on OCL drop by 10% Typ)

Irms: 6.2A Max (Based on 40°C Temp Rise)

SRF: 24 MHz 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 E151558
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

DOC REV: A/1

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XFMRS Inc. www.XFMRS.com	Title: XFTPRH1207B SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx. ±0.30 Dimensions in MM	P/N: XFTPRH1207B-5R6M		REV. A
	DWN.	Juan Mao	Mar-31-08
	CHK.	YK Liao	Mar-31-08
SHEET 1 OF 1	APP.	BW	Mar-31-08