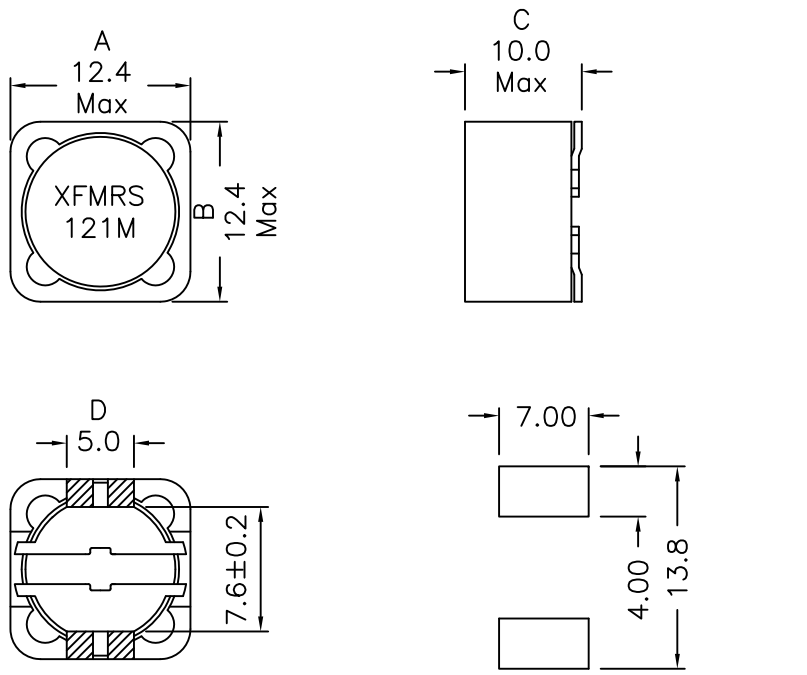
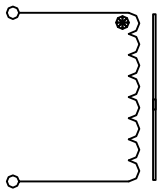
1. Mechanical Dimensions:



(BOTTOM VIEW)

(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 120uH±20% @1KHz 0.1V

Q: 10 Min @10KHz 50mV

DCR: 180mOhms Max

Isat: 3.0 ADC Max (15% Typ drop in OCL)

Irms 2.6 ADC Max (Based on 40°C Temp Rise)

SRF: 3.5 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 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
11. 260°C IR Reflow Compatible

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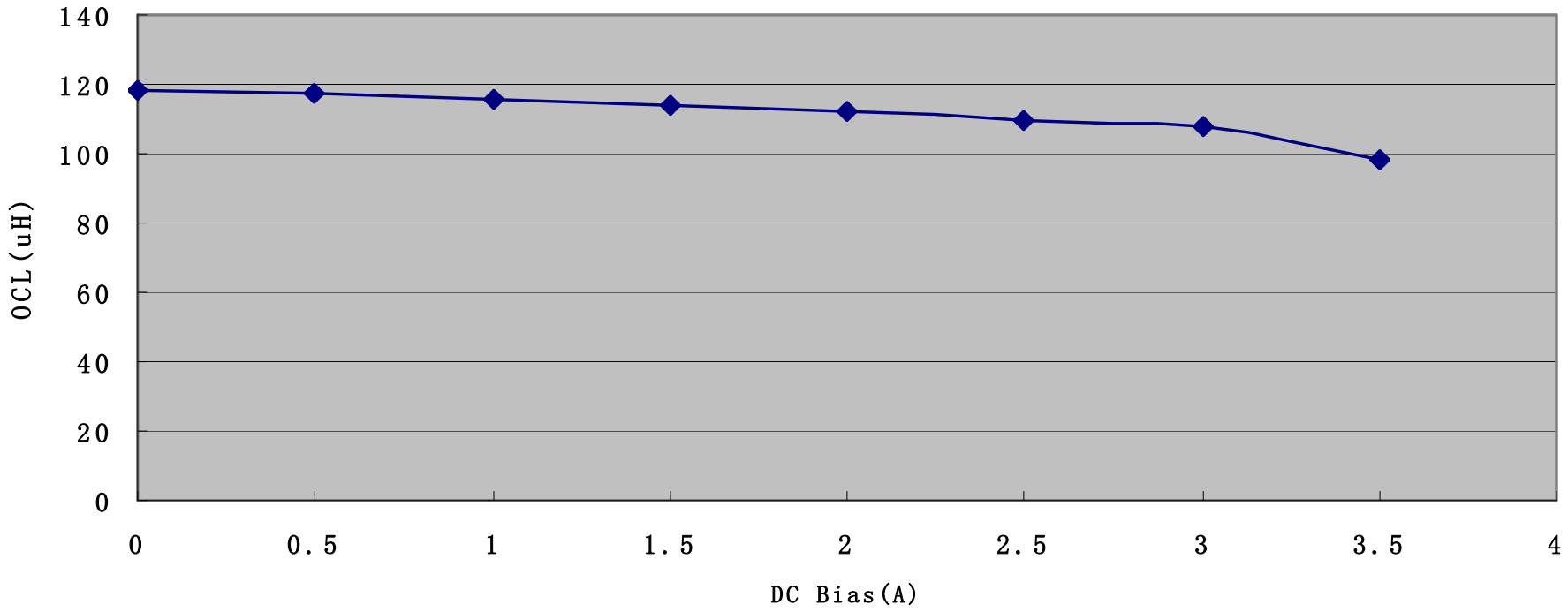
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH1210-121M		REV. A
	DWN.	Xianyi	Aug-21-13
	CHK.	YK Liao	Aug-21-13
SHEET 1 OF 2	APP.	BSJ	Aug-21-13



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