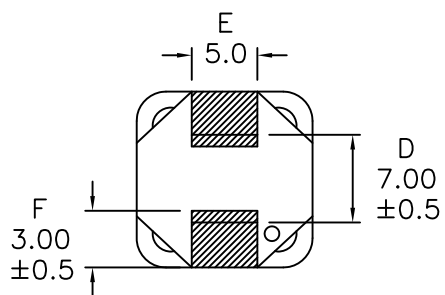
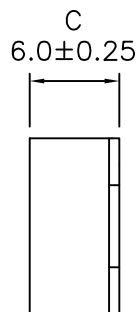
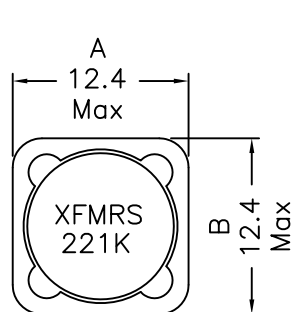
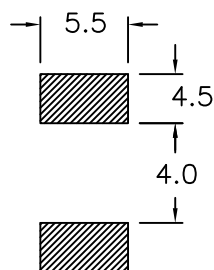


### 1. Mechanical Dimensions:

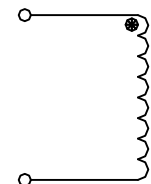


Bottom view



SUGGESTED MOUNTING PAD

### 2. Schematic:



### 3. Electrical Specifications: @25°C

OCL: 220uH±10% @100KHz, 0.1V 0Adc

Q: 8 Min @100KHz, 0.1V

DCR: 349 mOhms Max

Isat: 1.56Adc (Based on 30% Typ drop in OCL)

Irms: 1.42Adc (Based on 40°C Temp Rise)

SRF: 5.5MHz 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. Recommended IR Reflow peak temp of 250°C Max.

DOC. REV: A/1

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	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH1205B-221K DWN. CHK. APP.	REV. A Yuan YK liao BSJ
SHEET 1 OF 1			