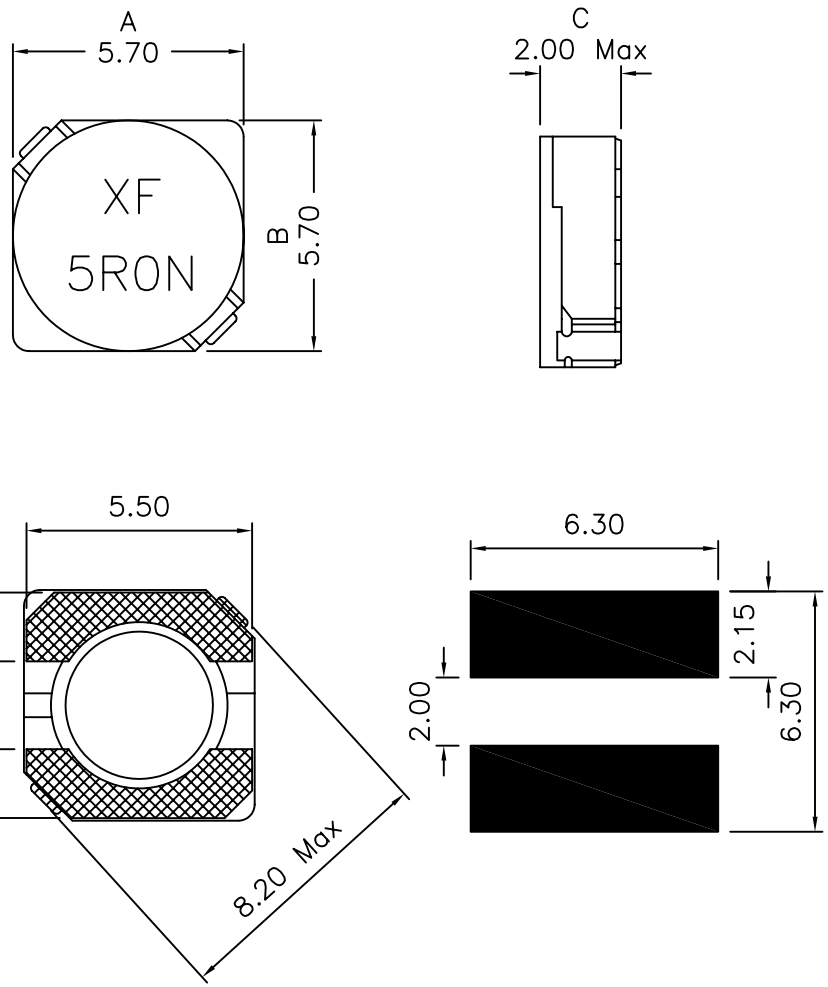
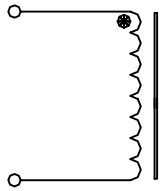
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: 5.0uH±30% @100KHz 0.1V

DCR: 0.060 Ohms Max

Isat: 1.8Adc (Based on 35% Drop in OCL)

Irms: 1.65A (Based on 30°C Temp Rise)

SRF: 55MHz 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

XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH5D18-5R0N		REV. A
	DWN.	Juan Mao	Apr-20-09
	CHK.	YK Liao	Apr-20-09
SHT 1 OF 1	APP.	BW	Apr-20-09

DOC REV: A/1

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