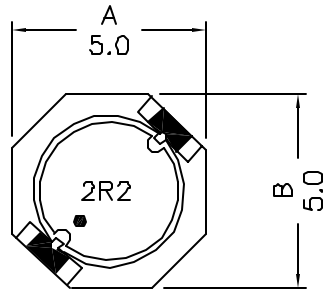
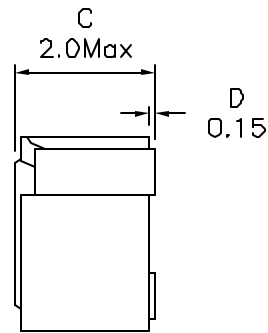


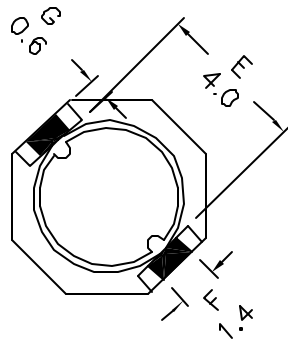
1. Mechanical Dimensions:



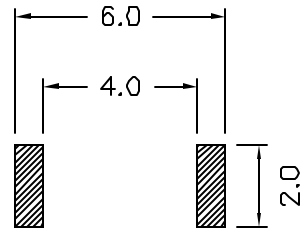
TOP VIEW



SIDE VIEW

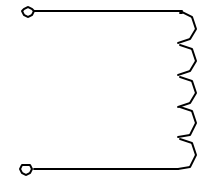


BOTTOM VIEW



PCB LAYOUT

2. Schematic:



3. Electrical Specification:

INDUCTANCE: $2.2\mu\text{H} \pm 20\%$ @100KHz 0.1V

DCR: 59 mOhms Max

I_{sat}: 1.63Adc Max, 30% drop in Inductance

I_{rms}: 1.64Adc Max, (based on 40% temp rise)

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

DOC REV: A/3

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XFMRs Inc. www.XFMRs.com	Title: INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XF505020SH-2R2M	REV. A
SHEET 1 OF 1	DWN.	Kang Chen	Feb-13-06
	CHK.	YK Liao	Feb-13-06
	APP.	BW	Feb-13-06