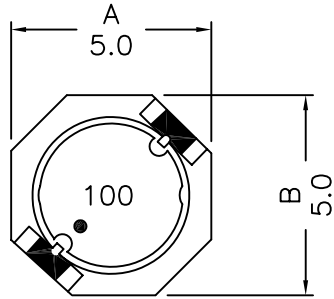
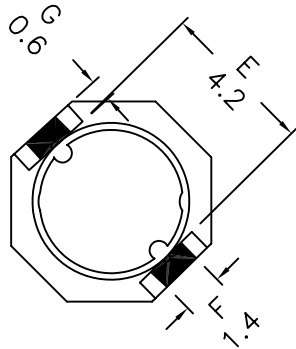


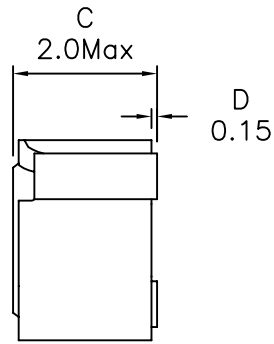
1. Mechanical Dimensions:



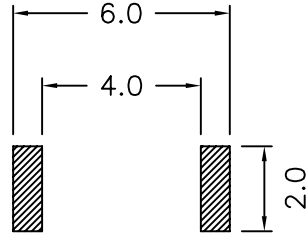
TOP VIEW



BOTTOM VIEW

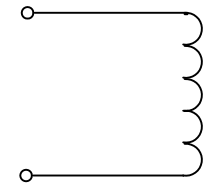


SIDE VIEW



PCB LAYOUT

2. Schematic:



3. Electrical Specification:

INDUCTANCE: $10\mu\text{H} \pm 20\%$ @100KHz 0.1V

DCR: 230 mOhms Max

I_{sat} : 0.57Adc Max, 30% drop in Inductance

I_{rms} : 0.78Adc Max, (based on 40% temp rise)

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Temperature rating: 155°C. UL file E151556
5. Operating Temperature Range: -40°C to +85°C

XFMRs Inc.	Title: INDUCTORS			
	UNLESS OTHERWISE SPECIFIED	P/N: XF505020SH-100M		REV. A
TOLERANCES:	DWN.	Kang Chen	Mar-04-04	
.xx ±0.25	CHK.	YK Liao	Mar-04-04	
Dimensions in MM	APP.	MS	Mar-04-04	
SHEET 1 OF 1				

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