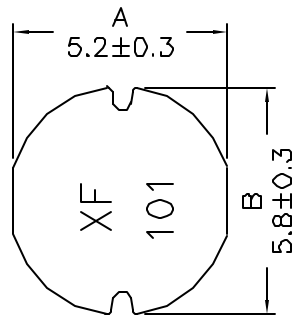
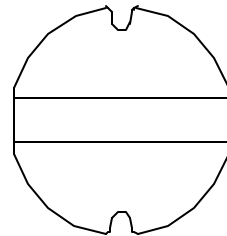


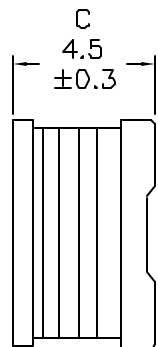
1. Mechanical Dimensions:



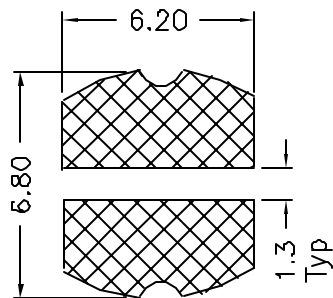
TOP VIEW



BOTTOM VIEW



SIDE VIEW



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications:

OCL: 100uH±20% @100KHz, 0.1V

DCR: 0.700 Ohms Max

DC Current: 0.520Adc Max

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

DOC. REV: A/2

XFMR5 Inc www.XFMR5.com		Title: SMD Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM Scale 2.5:1 SHT 1 OF 1	P/N: XFSDR54-101M		REV A
	DWN.	Juan Mao	Mar-25-08
	CHK.	YK Liao	Mar-25-08
	APP.	BW	Mar-25-08