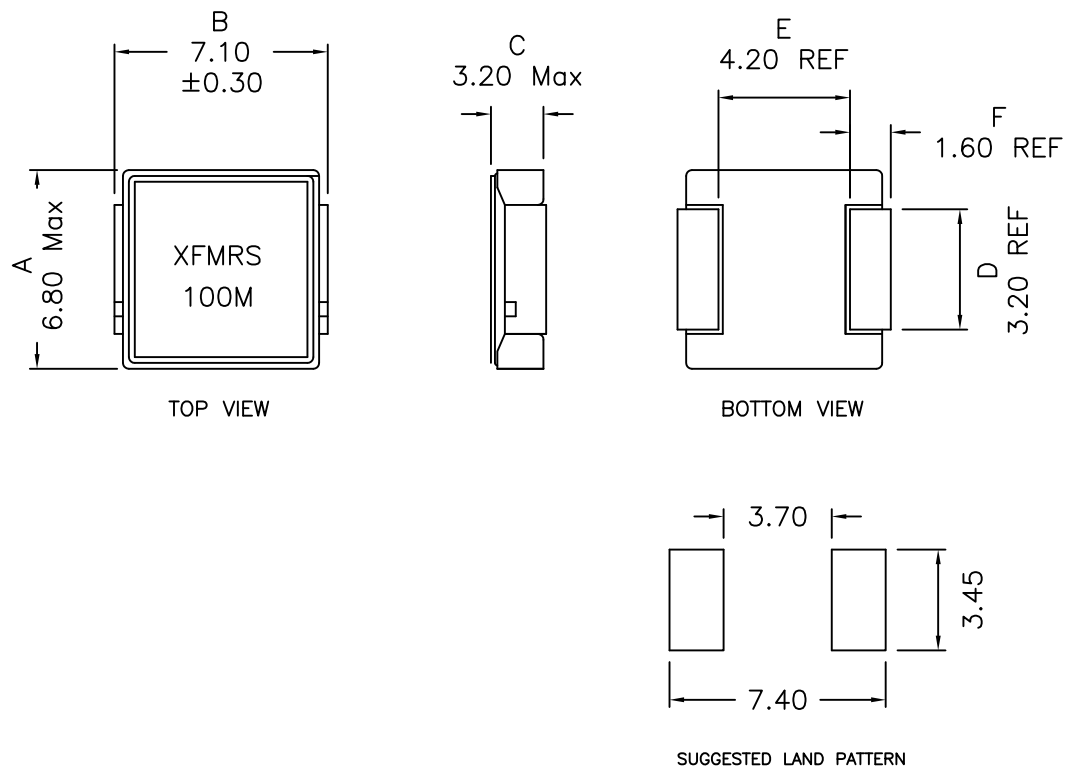
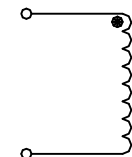


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

OCL: $10.0\mu\text{H} \pm 20\%$ @100KHz 0.25V, 0.0Adc

Q: 25 Min @100KHz 0.25V

DCR: 105 mOhms Max

Irms: 3.0Adc (Based on 40°C Typ Temp Rise)

Isat: 7.0Adc (Based on 20% Typ drop in OCL)

SRF: 5MHz Min

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: -55°C to $+125^\circ\text{C}$
6. Storage Temperature Range: -55°C to $+125^\circ\text{C}$
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/13

XFMRS Inc www.XFMRS.com		Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL6-100M		REV. A	
	DWN.	Huo	May-02-17	
	CHK.	YK Liao	May-02-17	
SHEET 1 OF 1	APP.	DDC	May-02-17	

PROPRIETARY

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.