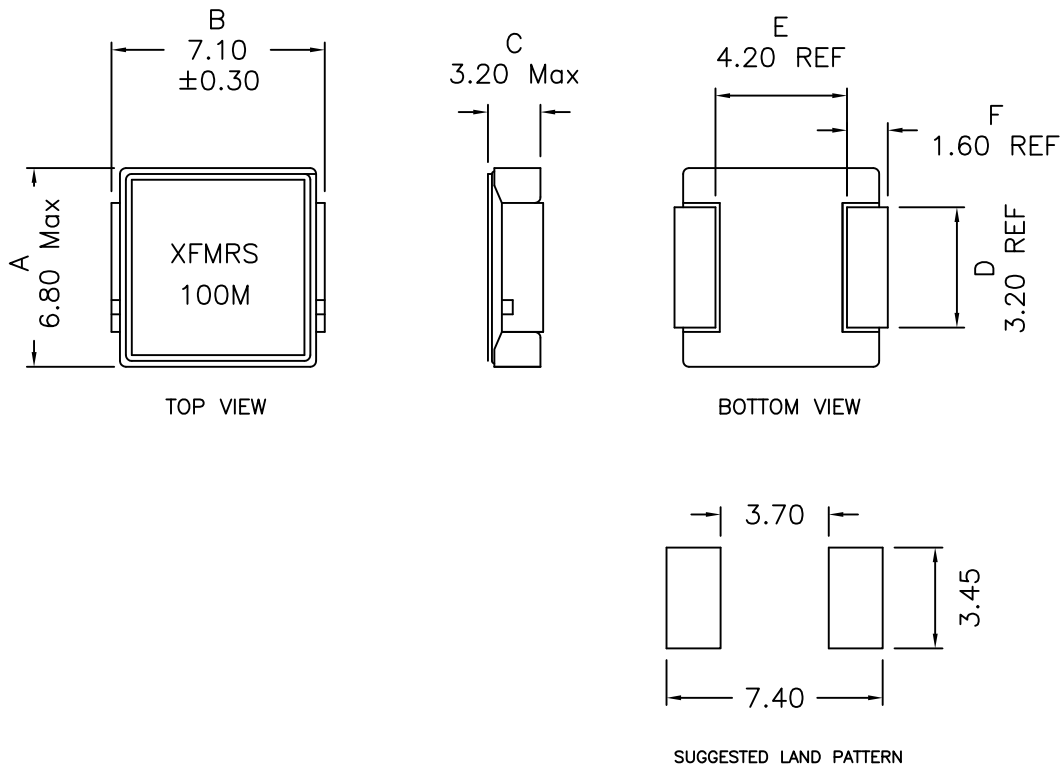
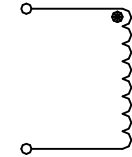


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25C

OCL: 10.0uH±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°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
11. Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/13

<b>XFMRS Inc</b> 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