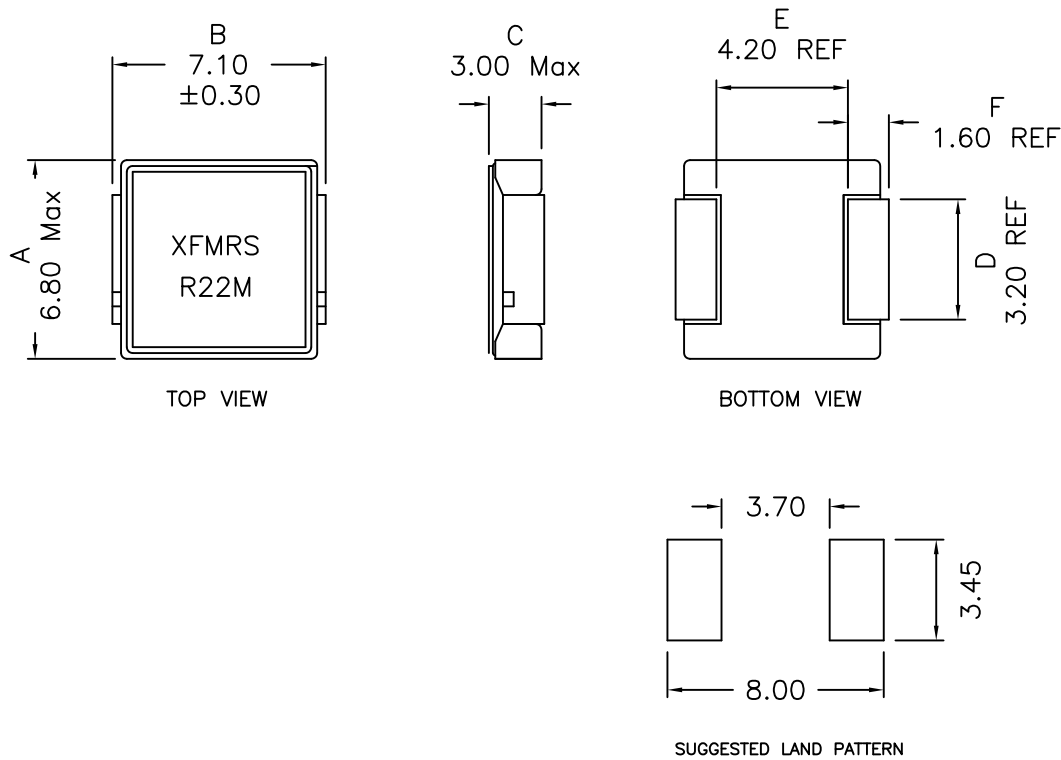
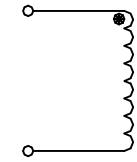


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

INDUCTANCE: 0.22uH±20% @100KHz 0.25V, 0.0Adc

Q: 10 Min @100KHz 0.25V

DCR: 2.5 mOhms Typ 2.80 mOhms Max

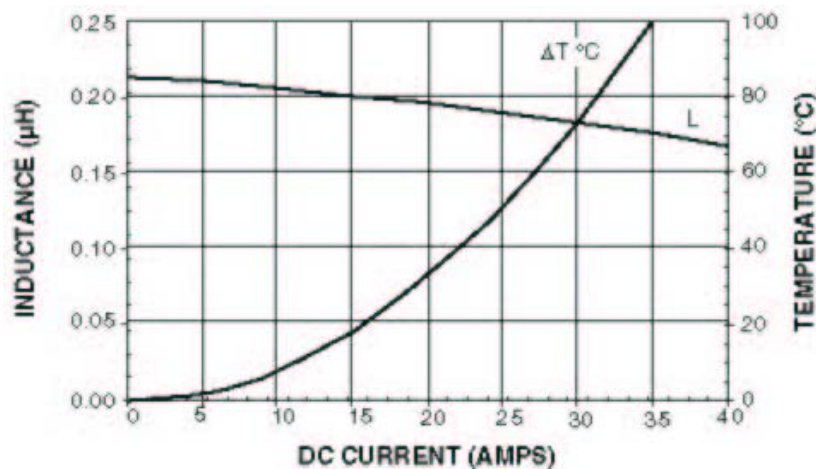
I<sub>rms</sub>: 23A (Based on 40°C Typ Temp Rise)

I<sub>sat</sub>: 40Adc (Based on 20% Typ drop in OCL)

SRF: 90MHz Min

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: -55°C to +125°C (Includes temperature when the coil is heated)
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250C Max.
- Outsourced item processed & controlled under XFMRS QA system



DOC REV: A/7

<b>XFMRS Inc</b> www.XFMRS.com	Title: <b>HIGH CURRENT INDUCTOR</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25	P/N: XFHCL6-R22M	REV. A
Dimensions in MM	DWN.	Huo	May-11-17
SHEET 1 OF 1	CHK.	YK Liao	May-11-17
	APP.	DDC	May-11-17