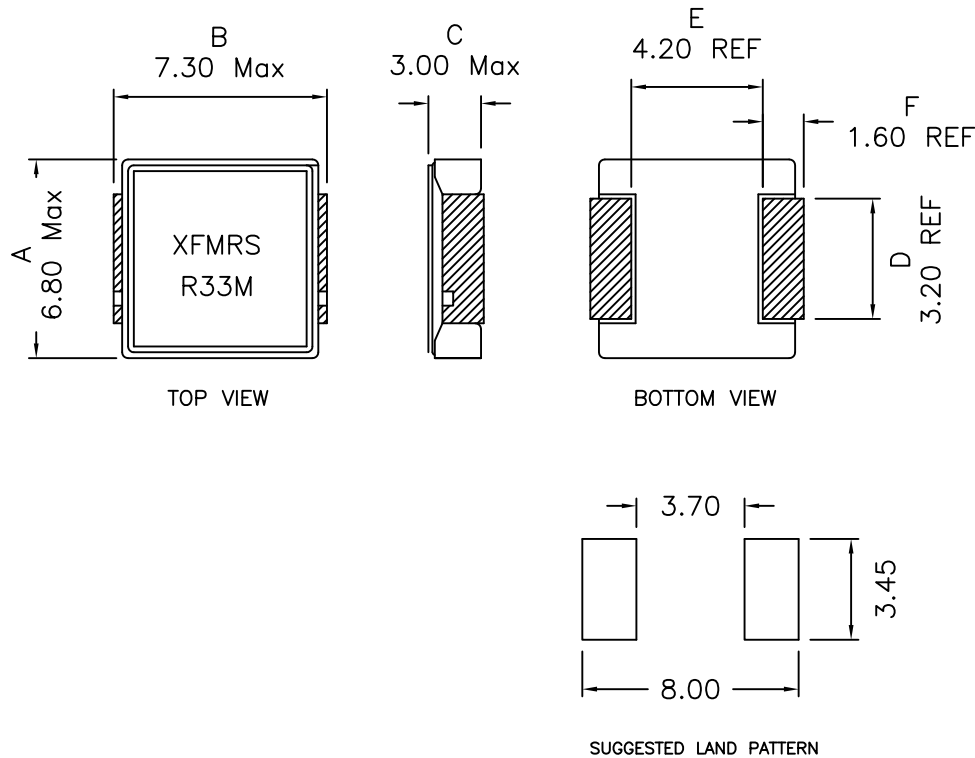
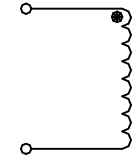


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

INDUCTANCE:  $0.33\mu\text{H} \pm 20\%$  @100KHz 0.25V, 0.0Adc  
 Q: 20 Min @200KHz 0.25V  
 DCR: 3.00 mOhms Typ 3.90 mOhms Max  
 Irms: 20A (Based on 40°C Typ Temp Rise)  
 Isat: 30Adc (Based on 20% Typ drop in OCL)  
 SRF: 60MHz 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 : -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:  $\pm 0.004"$  (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/10

<b>XFMRS Inc</b> www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL6-R33M	REV. A
TOLERANCES: .xx $\pm 0.25$	DWN.	Huo	May-11-17
Dimensions in MM	CHK.	YK Liao	May-11-17
SHEET 1 OF 1	APP.	DDC	May-11-17