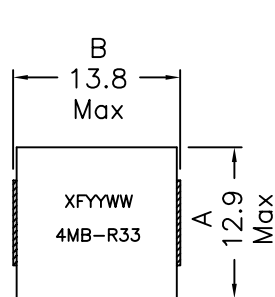
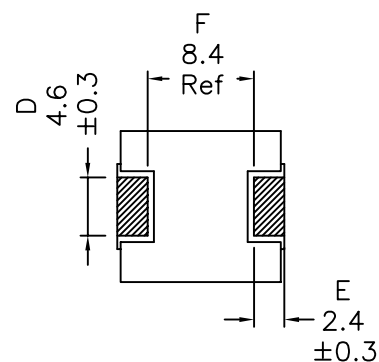
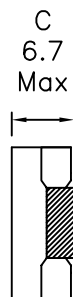


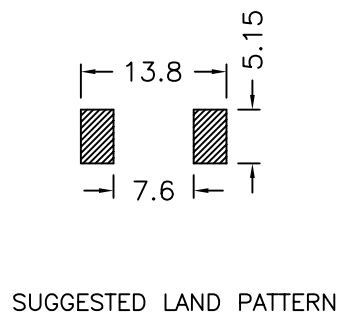
## 1. Mechanical Dimensions:



TOP VIEW

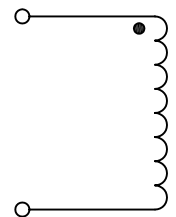


BOTTOM VIEW



SUGGESTED LAND PATTERN

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.33uH±20% @200KHz 0.25V

Q: 20 Min @200KHz 0.25V

DCR: 0.83 mOhms Typ, 0.90 mOhms Max

Isat: 65.0Adc (Based on 20% drop in OCL)

Irms: 43.7Adc (Based on 40°C Temp Rise)

### 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 -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

DOC. REV: A/1

<b>XFMRs Inc</b> www.XFMRS.com		Title: SMD, INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4MB-R33M		REV A
	DWN.	Mei Chen	Sep-21-10
	CHK.	YK Liao	Sep-21-10
SHEET 1 OF 1		APP.	BW Sep-21-10

**PROPRIETARY**

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