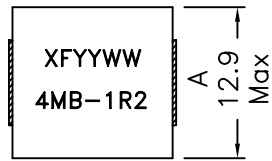
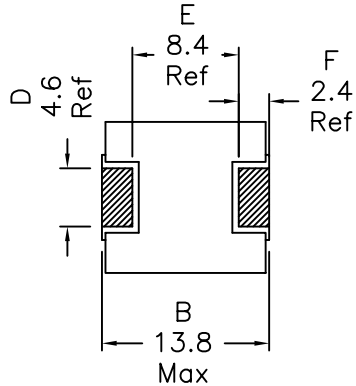
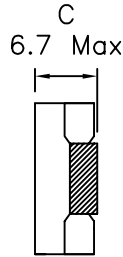


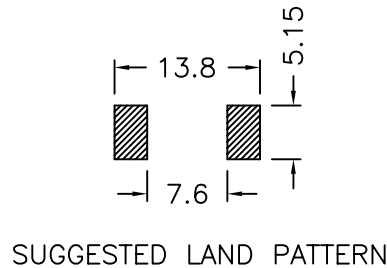
1. Mechanical Dimensions:



Top view

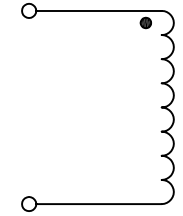


Bottom view



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specifications: @25C

OCL: 1.20uH±20% @100KHz 0.25V

Q: tbd Min @100KHz 0.25V

DCR: 2.5 mOhms Max

Isat: 48Adc (Based on 20% Typ drop in OCL)

Irms: 28.5Adc (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 -40°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

XFMRs Inc www.XFMRS.com		Title: HIGH CURRENT INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4MB-1R2M		REV. A	
	DWN.	Feng	Dec-15-11	
	CHK.	YK Liao	Dec-15-11	
SHT 1 OF 1	APP.	BW	Dec-15-11	