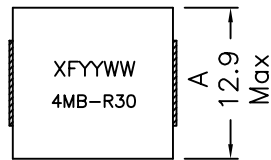
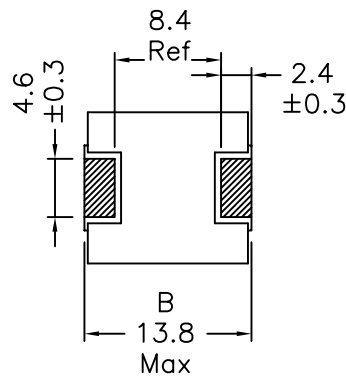


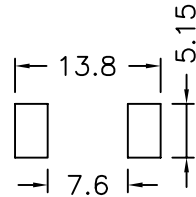
1. Mechanical Dimensions:



TOP VIEW

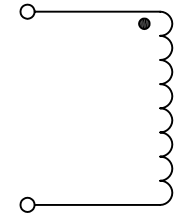


BOTTOM VIEW



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.30uH±20% @200KHz 0.25V

Q: 20 Min @200KHz 0.25V

DCR: 0.7mOhms Typ, 0.8mOhms Max

Isat: 72.0Adc (Based on 20% drop in OCL)

Irms: 45.6Adc (Based on 40°C Temp Rise)

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: All listed parameters are to be within tolerance from -55°C to +125°C
- 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

DOC. REV: A/1

XFMRs Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR			
	UNLESS OTHERWISE SPECIFIED TOLERANCES:	P/N: XFHCL4MB-R30M	REV A	
.xx ±0.25	DWN.	Mei Chen	Jul-17-10	
Dimensions in MM	CHK.	YK Liao	Jul-17-10	
SHT 1 OF 1	APP.	BW	Jul-17-10	

PROPRIETARY

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