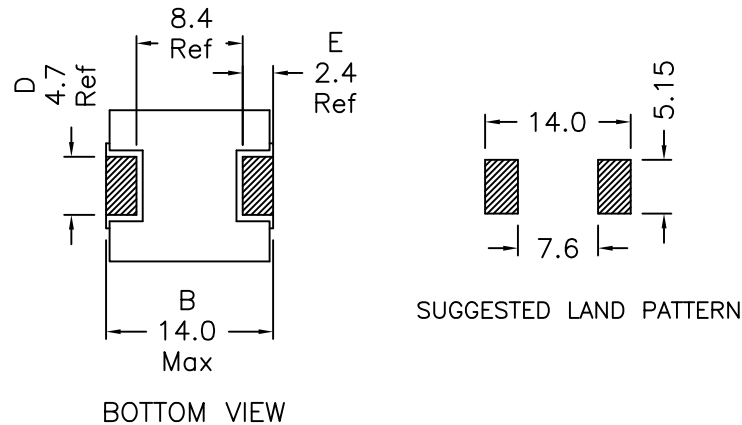
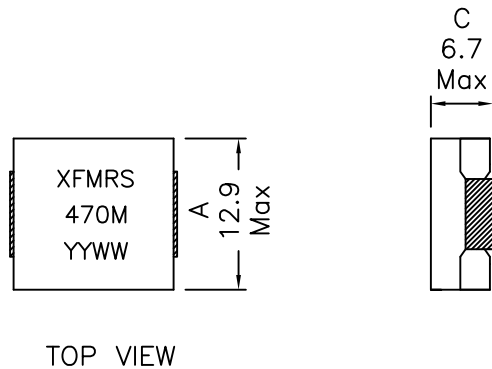
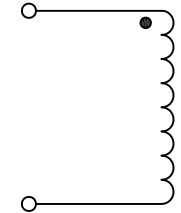


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25C

OCL: 47.0uH±20% @100KHz 0.25V

Q: 15 Min @100KHz 0.25V

DCR: 90.0 mOhms Max

Isat: 9.5Adc (Based on 20% Typ drop in OCL)

Irms: 6.5Adc (Based on 40°C Temp Rise)

SRF: 2MHz Min

### 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. All listed parameters are to be within tolerance from -40°C to +125°C unless otherwise noted
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
11. Outsourced item processed & controlled under XFMR5 QA system

DOC. REV: A/1

<b>XFMR5 Inc</b> <a href="http://www.XFMR5.com">www.XFMR5.com</a>	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4MB-470M	REV. A
	DWN.	Xiang	Jul-21-16
	CHK.	YK Liao	Jul-21-16
SHEET 1 OF 1	APP.	GL	Jul-21-16