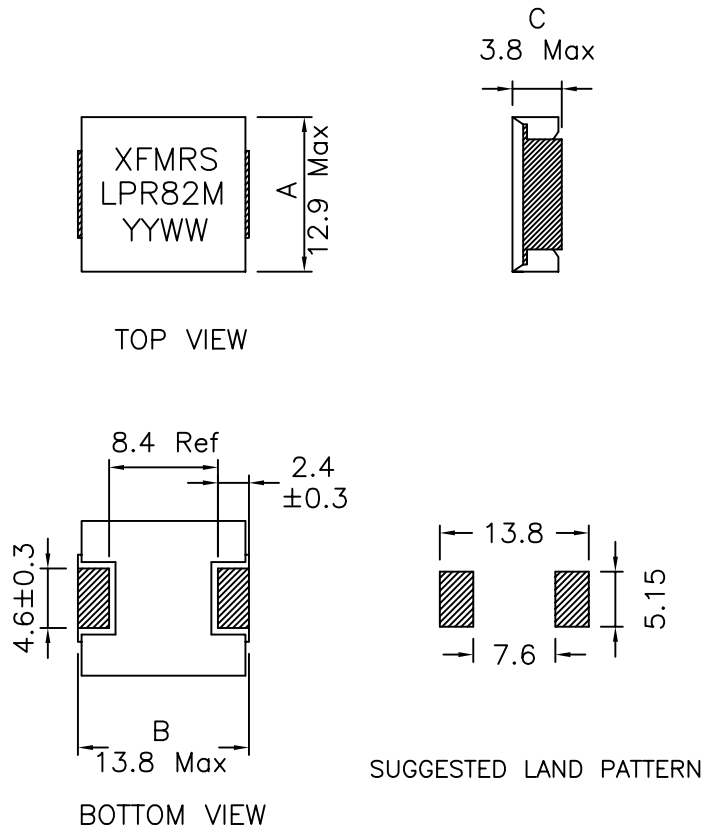
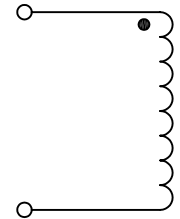


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

OCL: $0.82 \pm 20\%$ @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

DCR: 2.6 mOhms Typ, 3.0 mOhms Max

Isat: 44.0Adc (Based on 20% drop in OCL)

Irms: 25.0Adc (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 -40°C to +85°C
- 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

DOC. REV: A/3

XFMRS Inc www.XFMRS.com		Title: SMT POWER INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL4LP-R82M	REV A	
	DWN.	Mei Chen	Mar-02-10
	CHK.	YK Liao	Mar-02-10
SHT 1 OF 1	APP.	BW	Mar-02-10