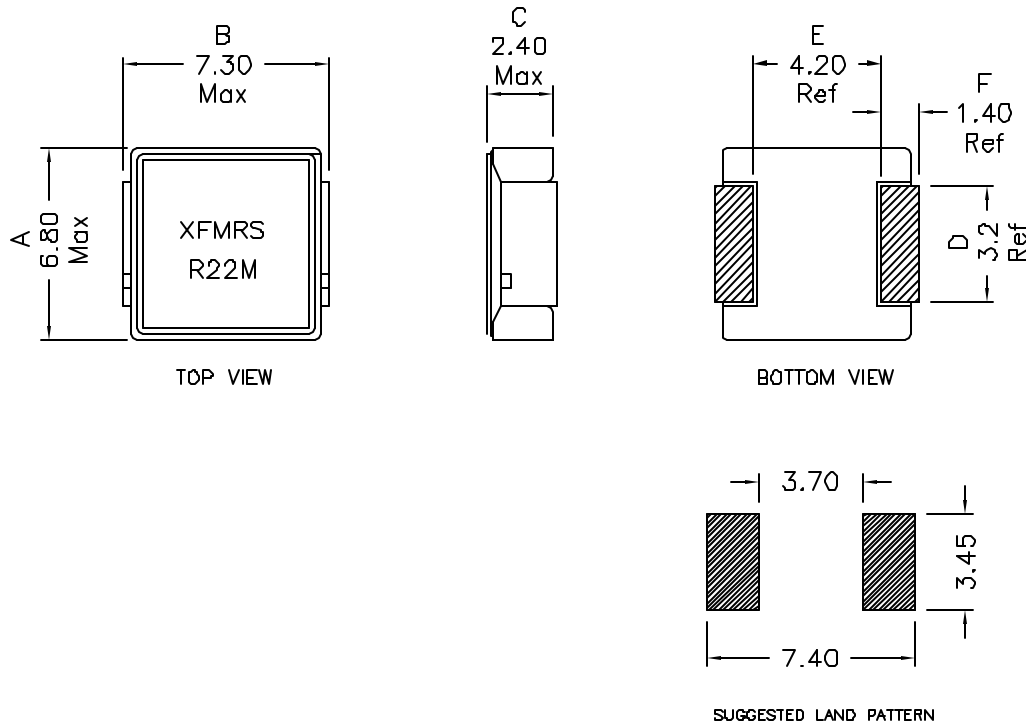
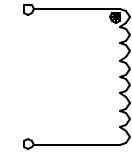


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications:

OCL:  $0.22\mu\text{H} \pm 20\%$  @100KHz 0.25V

Q: 20 Min @100KHz 0.25V

DCR: 2.90 mOhms Typ 3.20 mOhms Max

I<sub>rms</sub>: 21.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 34.0A (Based on 20% drop in OCL)

### 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:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/1

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<b>XFMRS Inc</b> www.XFMRS.com	Title: SMD, INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ Dimensions in MM	P/N: XFHCL6LP-R22M	REV. A	
	DWN.	Mei Chen	Oct-14-10
SHEET 1 OF 1	CHK.	YK Liao	Oct-14-10
	APP.	Joe Huff	Oct-14-10