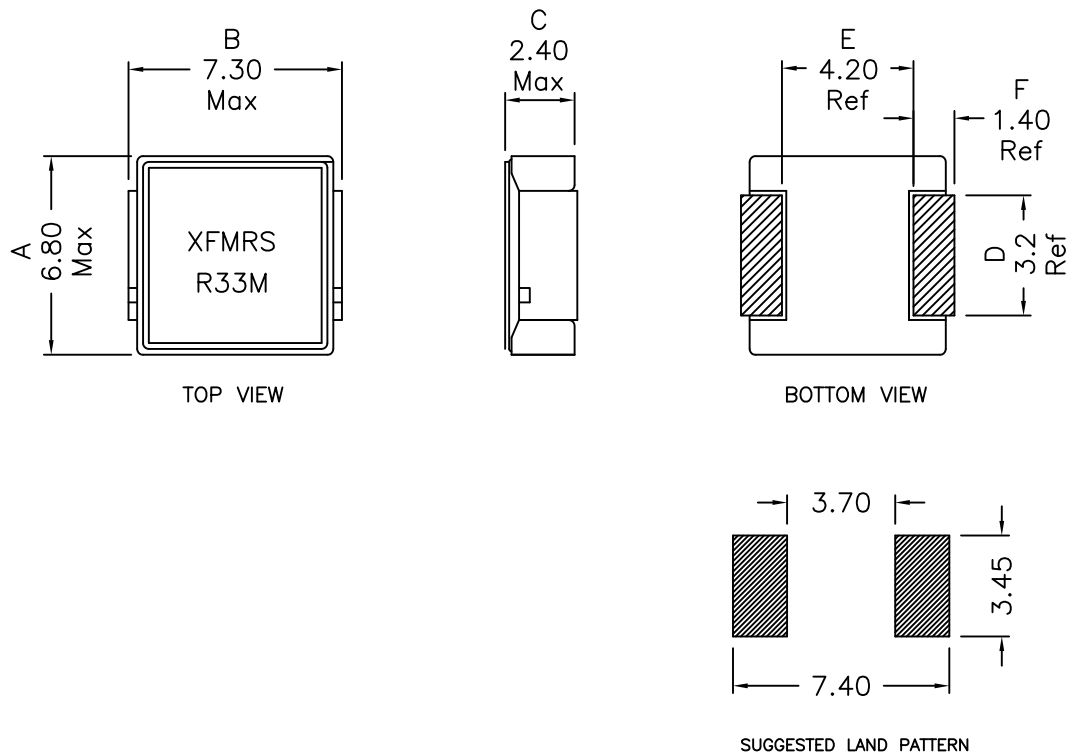
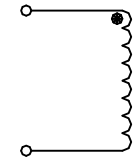


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: $0.33\mu\text{H} \pm 20\%$ @100KHz 0.25V
 Q: tbd Min @100KHz 0.25V
 DCR: 3.70 mOhms Typ 4.10 mOhms Max
 Irms: 18.0A (Based on 40°C Temp Rise)
 Isat: 22.0A (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 -55°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

XFMRs Inc www.XFMRS.com	Title: SMD, INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N:XFHCL6LP-R33M	REV. A
SHEET 1 OF 1	DWN.	Mei Chen	Sep-04-14
	CHK.	YK Liao	Sep-04-14
	APP.	BW	Sep-04-14