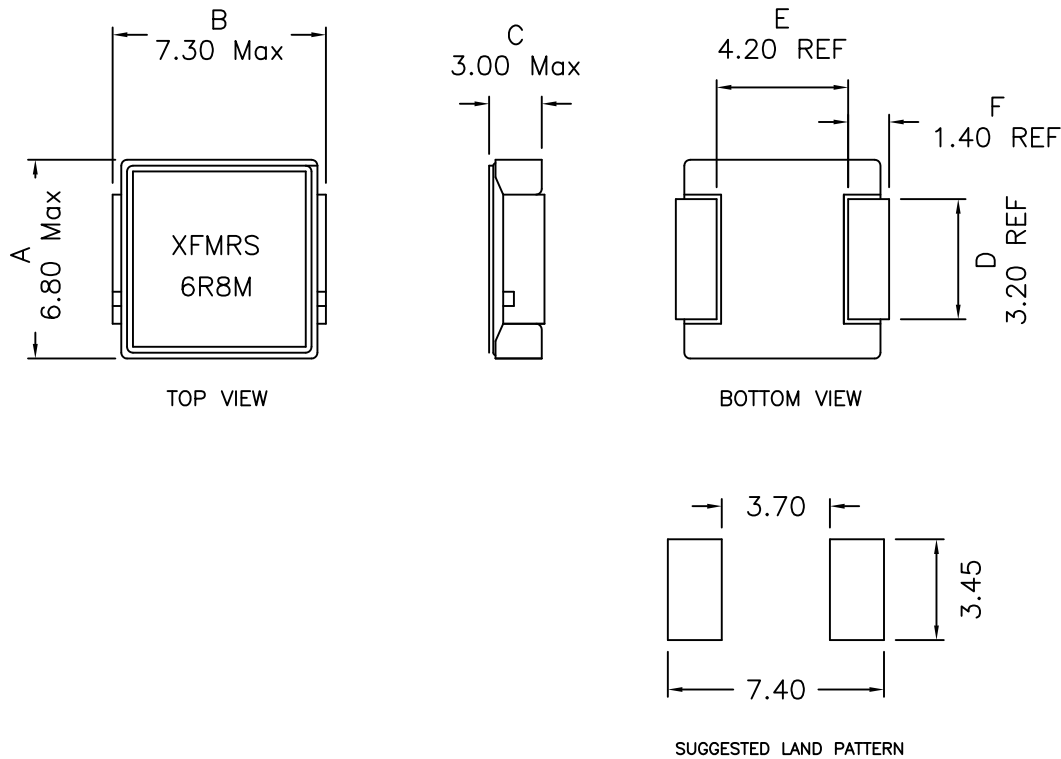
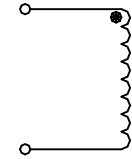


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: $6.8\mu\text{H} \pm 20\%$ @100KHz 0.25V, 0Adc
 DCR: 60 mOhms Max
 Irms: 4.5A (Based on 40°C Temp Rise)
 Isat: 8.0Adc (Based on 25% Typ drop in OCL)

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
- Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/9

XFMRS Inc www.XFMRS.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in mm	P/N: XFHCL6-6R8M	REV. A
	DWN.	Yuan	Mar-06-13
	CHK.	YK Liao	Mar-06-13
SHEET 1 OF 1	APP.	BSJ	Mar-06-13