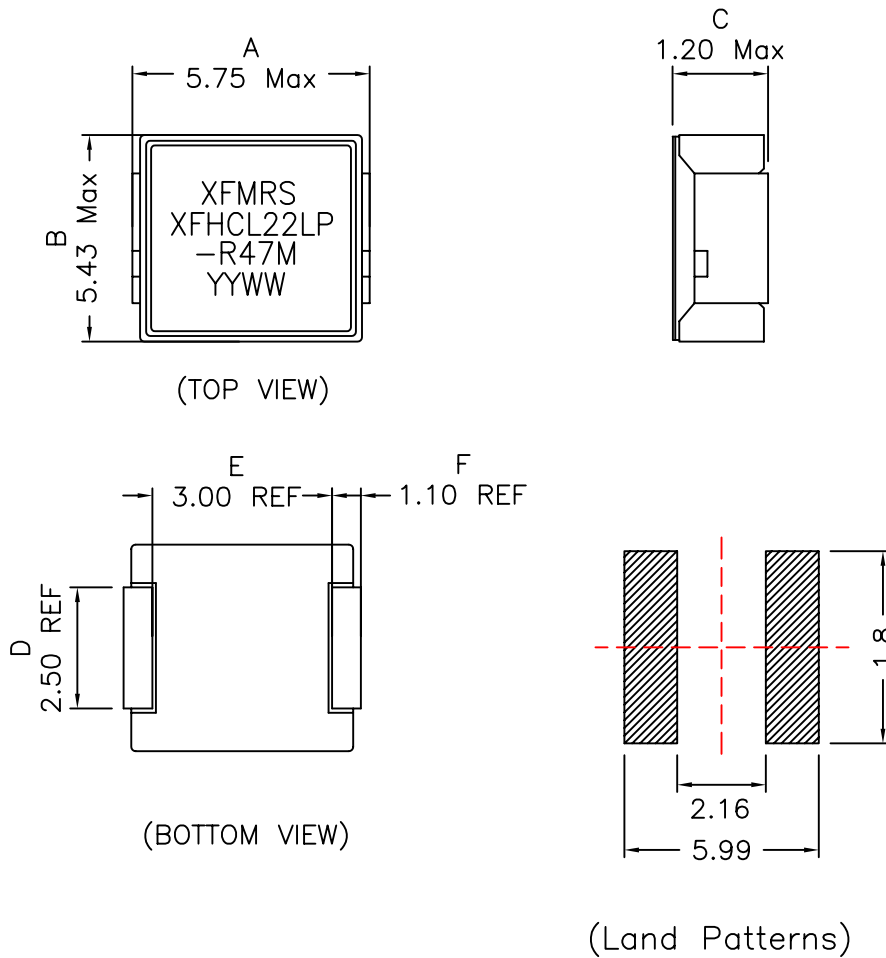
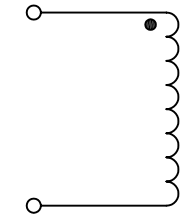


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

OCL: 0.47uH±20% @100KHz 0.1V
 Q: tbd Min @100KHz 0.1V
 DCR: 18.2 mOhms Typ, 19.2 mOhms Max
 Isat: 18Adc (Based on 20% drop in OCL)
 IRated: 6.5Adc (Based on 40°C Temp Rise)

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: ±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: SMT POWER INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL22LP-R47M	REV A
SHT 1 OF 1	DWN.	Feng	Dec-03-10
	CHK.	YK Liao	Dec-03-10
	APP.	BW	Dec-03-10