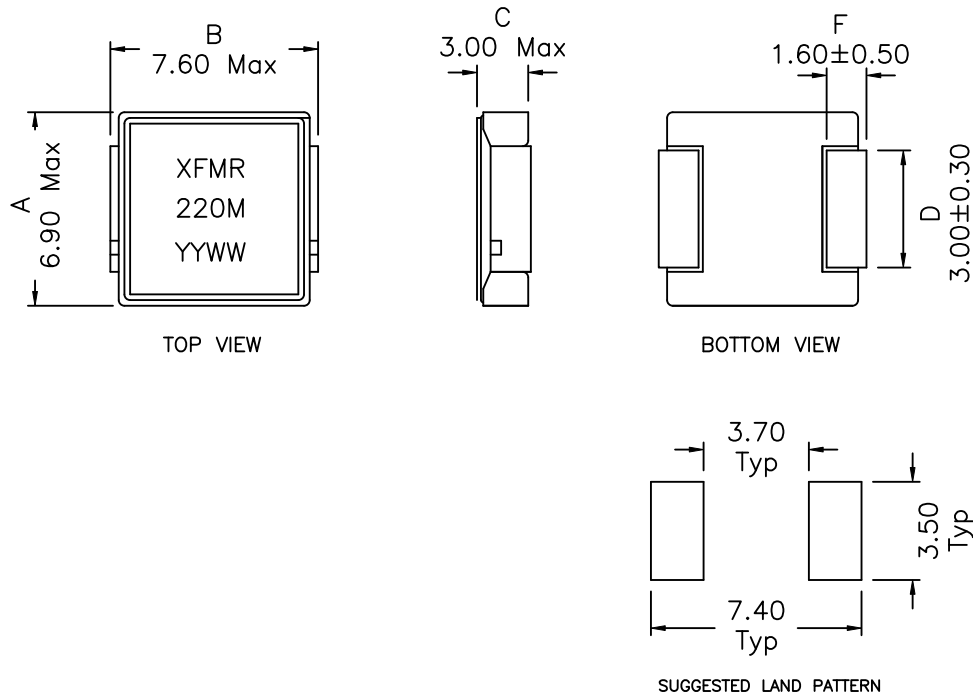
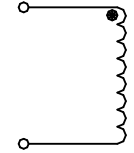


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: $22\mu\text{H} \pm 20\%$ @100KHz 1.0V
 Q: 20 Min @100KHz 1.0V
 DCR: 135.0 mOhms Max 128.9mOhms Typ
 I_{rms}: 2.9A (Based on 40°C Temp Rise)
 I_{sat}: 2.5Adc (Based on 30% Typ drop in OCL)
 SRF: 7.5MHz Typ

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: -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: 0.004"(0.102mm) Max
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 260C Max.
- Outsourced item processed & controlled under XFMRs QA system
- AEC-Q200 Certified Product

DOC. REV: A/2

| | | | |
|-----------------------------------|----------------------------|------------------|-----------|
| XFMRs Inc www.XFMRs.com | Title: SMD INDUCTOR | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XFHCL6-220M | REV. A |
| TOLERANCES: .xx ±0.25 | DWN. | Huo | Nov-28-22 |
| Dimensions in mm | CHK. | YK Liao | Nov-28-22 |
| SHEET 1 OF 1 | APP. | AM | Nov-28-22 |