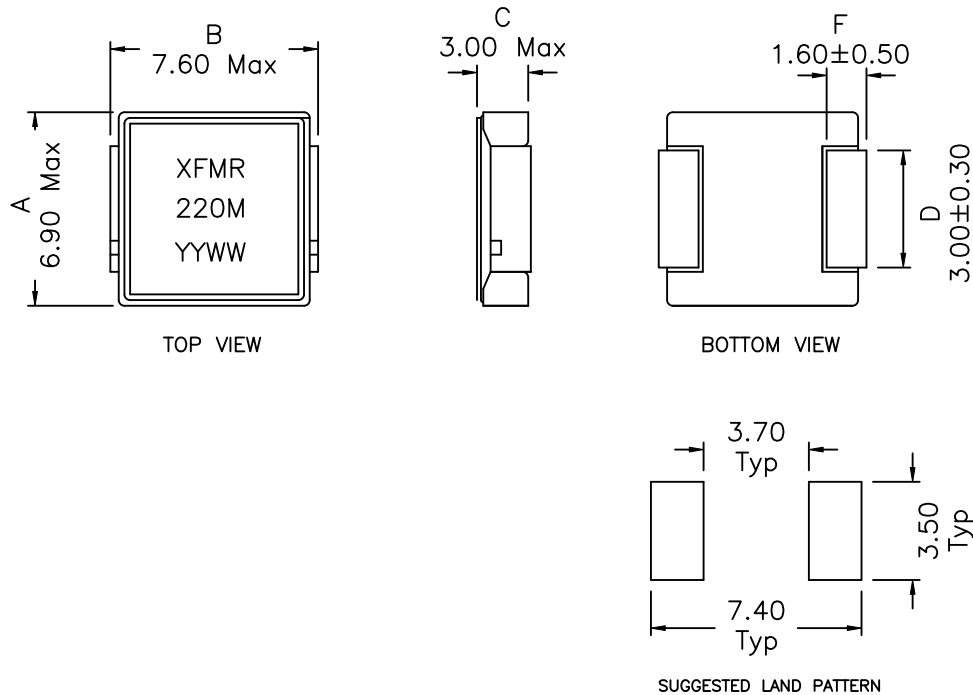


### 1. Mechanical Dimensions:



### 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<sub>rms</sub>: 2.9A (Based on 40°C Temp Rise)
- I<sub>sat</sub>: 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

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>SMD INDUCTOR</b>		
	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