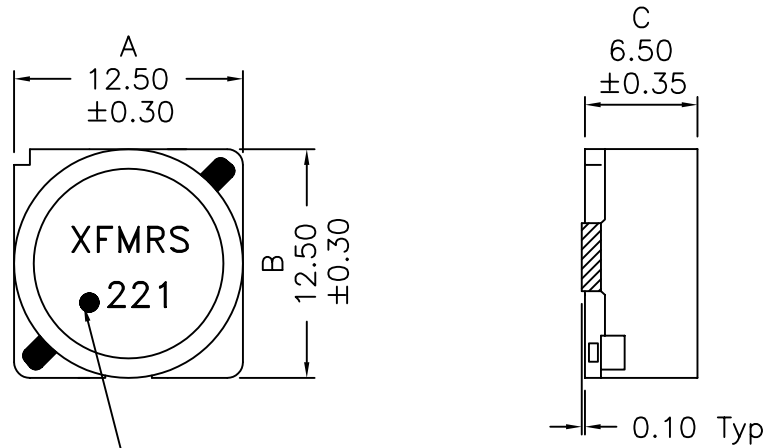
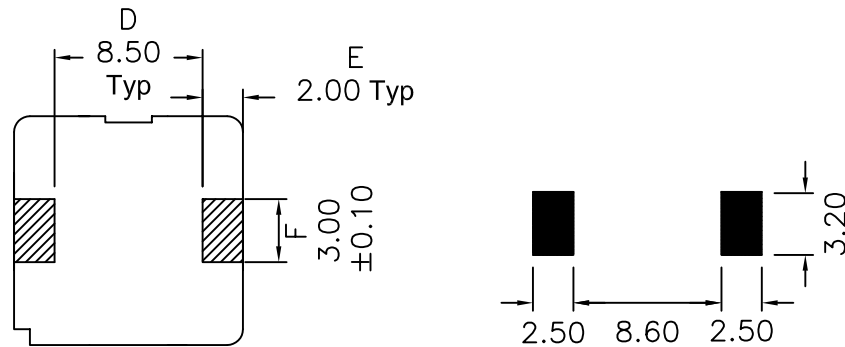


1. Mechanical Dimensions:



winding start mark

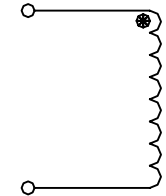


(BOTTOM VIEW)

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 -40°C to +85°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

2. Schematic:



3. Electrical Specifications: @25°

OCL: 220uH \pm 20% @1.0KHz 0.5V

Q: tbd Min @1.0KHz 0.5V

DCR: 0.273 Ohms \pm 20%

Isat: 1.0Adc Max (Based on 10% drop in OCL)

Irms: 1.2Adc Max (Based on 40°C Temp Rise)

DOC REV: A/1

XFMRS Inc www.XFMRS.com	Title: SMD Inductors(Coils)		
	UNLESS OTHERWISE SPECIFIED	P/N: XF12565S-221M	REV. A
TOLERANCES: .xx. \pm 0.25	DWN.	Xiany	Dec-15-09
Dimensions in MM	CHK.	YK Liao	Dec-15-09
SHT 1 OF 1	APP.	BW	Dec-15-09