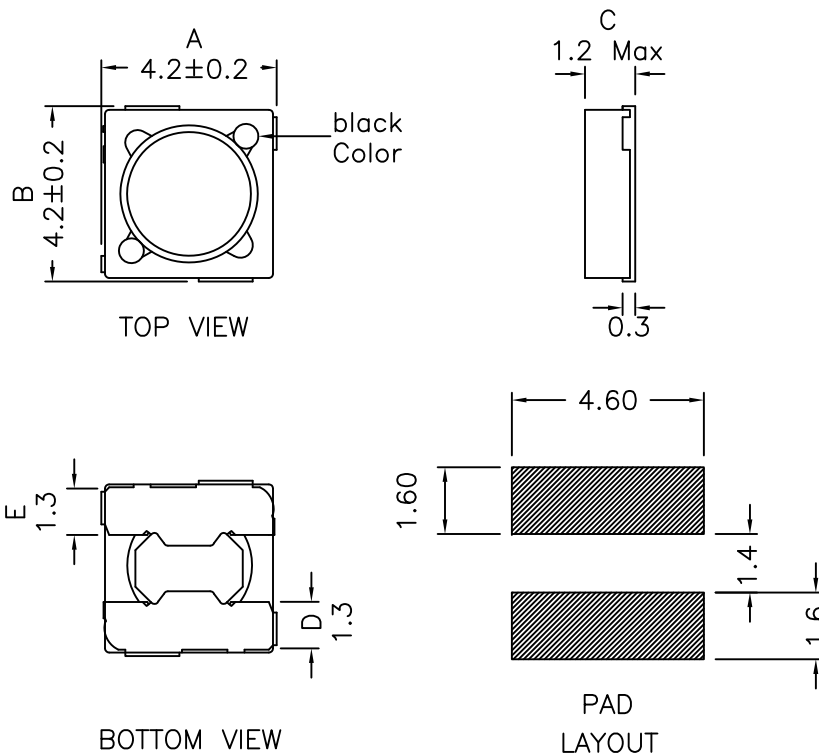
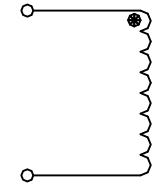


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specification: @25°C

OCL: 1.0uH±20% @100KHz 1V

DCR: 0.045 Ohms ±20%

Isat: 3.0Adc (Based on 35% drop in OCL)

Irms: 2.0Adc (Based on 30°C Typ Temp Rise)

SRF: 180MHz Typ

Q: 8 Min @100KHz 0.1V

### 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: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/4

<b>XFMRS Inc</b> <a href="http://www.XFMRS.com">www.XFMRS.com</a>	Title: SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XFTPRH4012-1ROM	REV. A
TOLERANCES: .xx ±0.30	DWN.	Yuan	Apr-23-15
Dimensions in MM	CHK.	YK Liao	Apr-23-15
SHEET 1 OF 1	APP.	DDC	Apr-23-15