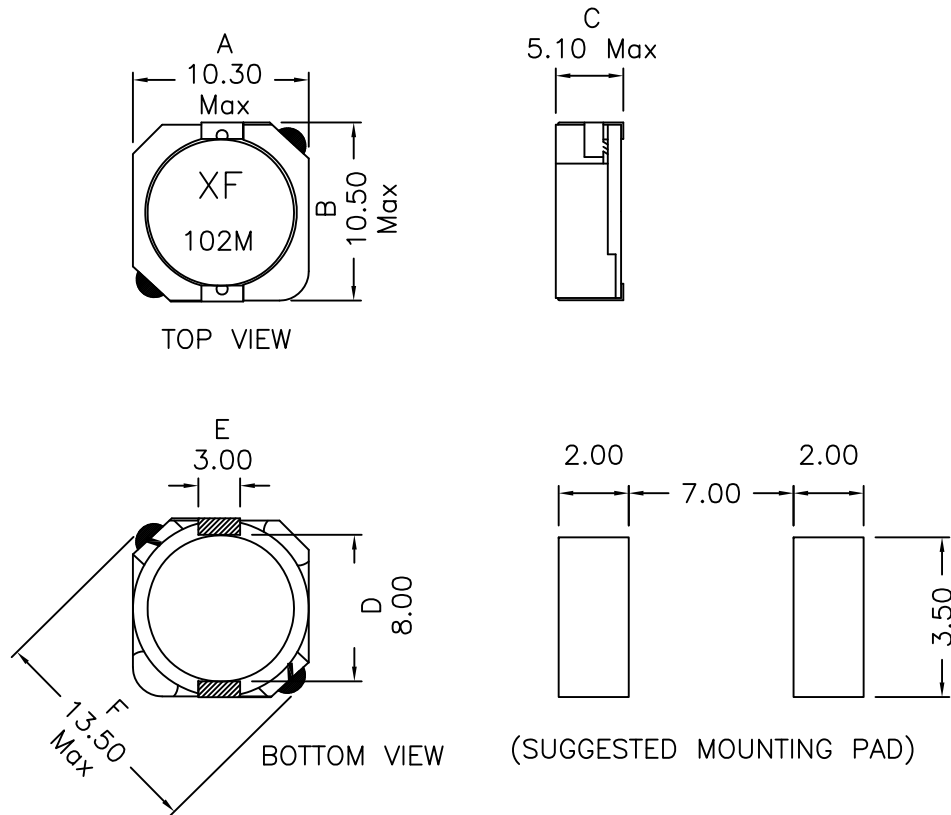
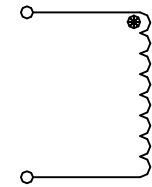


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specification: @25C

OCL: 1000uH $\pm$ 20% @100KHz, 0.1V

Q: 8 Min @100KHz, 0.1V

DCR: 1.86 Ohms Typ, 2.05 Ohms Max

I_{rated}: 430mA (Based on 40°C Temp Rise)

I_{sat}: 550mAdc (Based on 25% drop in OCL)

SRF: 0.5MHz Min

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
11. White dot indicates winding start location.

DOC. REV: A/3

XFMRs Inc www.XFMRs.com UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM SHEET 1 OF 1	Title: Shielded SMD Inductor		
	P/N: XFTPRH105-102M		REV. A
	DWN.	Yuan	May-20-15
	CHK.	YK Liao	May-20-15
	APP.	DDC	May-20-15

PROPRIETARY

Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.