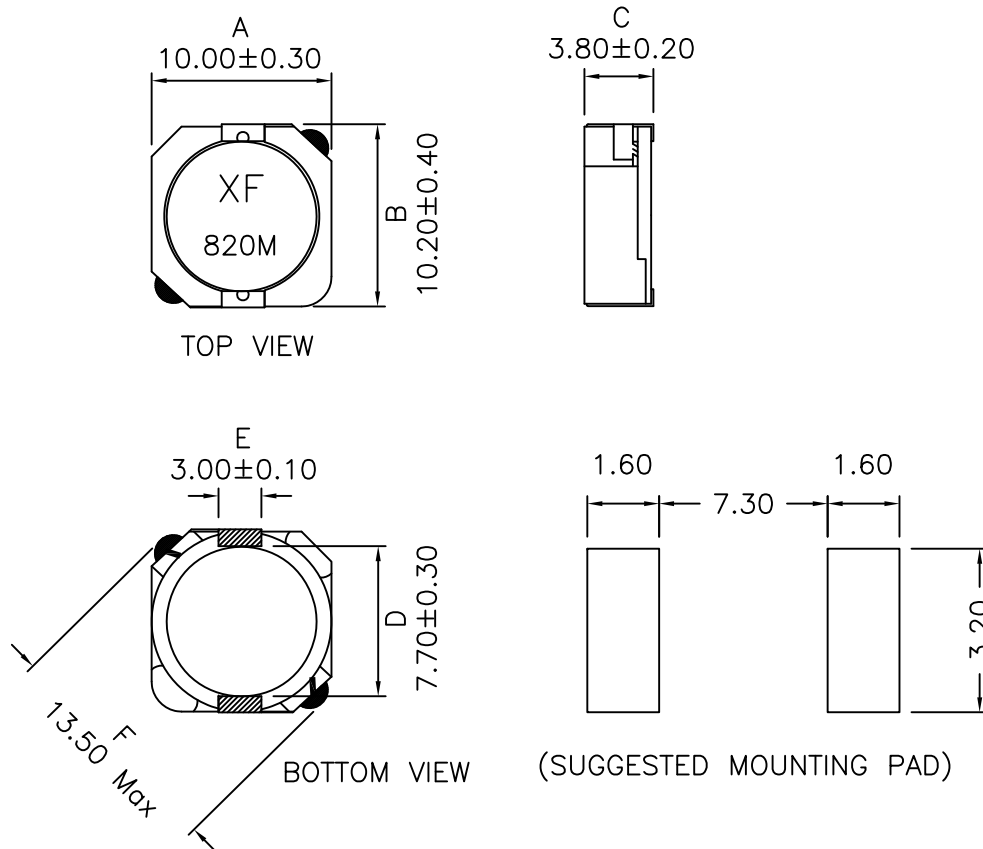
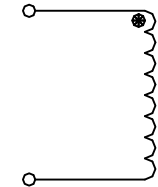


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specification:

OCL: $82\mu\text{H} \pm 20\%$ @100KHz 1.0V

Q : 12 @100KHz 1.0V

Isat : 1.60Adc (Based on 30% drop in OCL)

Irms: 1.5A (Based on 40°C Temp Rise)

DCR: 0.261 Ohms Max

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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 $+85^\circ\text{C}$
6. Storage Temperature Range: -55°C to $+125^\circ\text{C}$
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
9. Moisture Sensitivity: Level 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

XFMRs Inc. www.XFMRs.com UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A Dimensions in MM SHEET 1 OF 1	Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS		
	P/N: XFTPRH104-820M	REV. A	
	DWN.	Yuan	Apr-08-14
	CHK.	YK Liao	Apr-08-14
	APP.	DDC	Apr-08-14

DOC. REV: A/2

PROPRIETARY

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