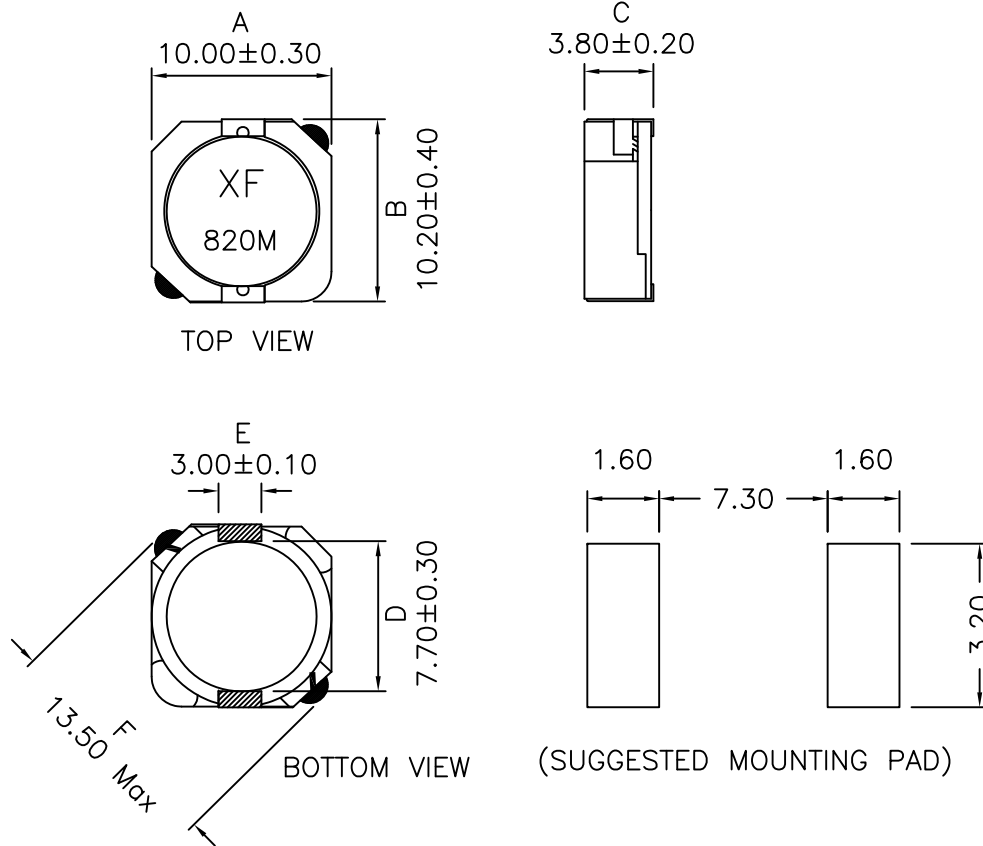
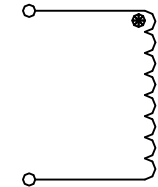


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specification:

OCL: 82uH±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°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Moisture Sensitivity: Level 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

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

DOC. REV: A/2