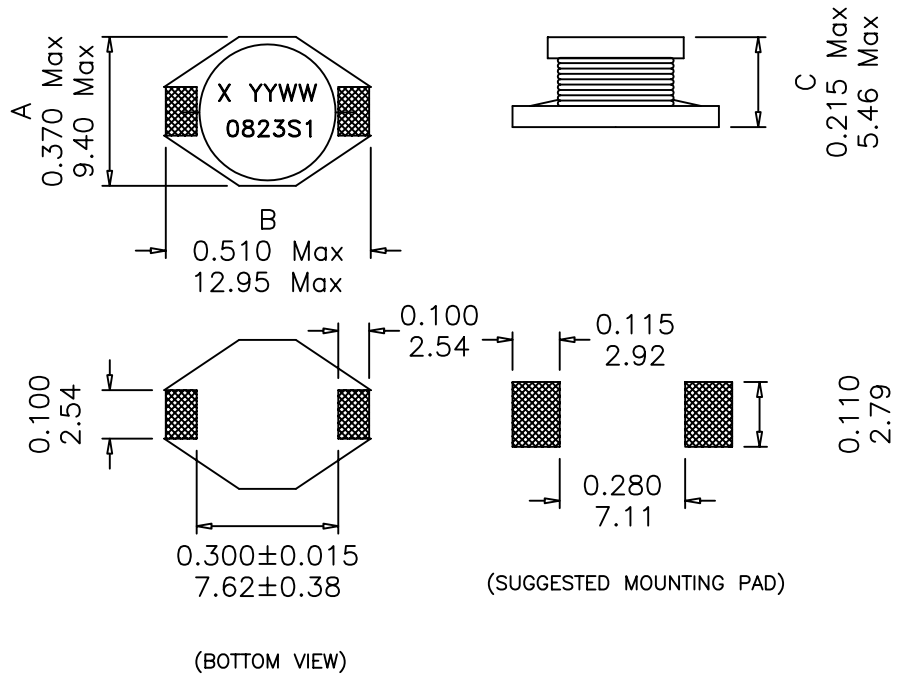
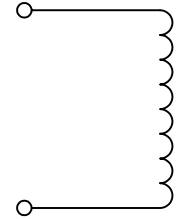


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specifications: @25°C

INDUCTANCE: 82mH±10% @1KHz 0.1V, 0/25mAdc  
 DCR: 200 Ohms Max

**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. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC REV: A/1

<b>XFMRs Inc</b> www.XFMRs.com	Title: XFSMD1 SERIES INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF0823S1	REV. A
SHEET 1 OF 1	DWN.	廖玉坤	Nov-07-05
	CHK.	李清儿	Nov-07-05
	APP.	Isaiah M	Nov-07-05