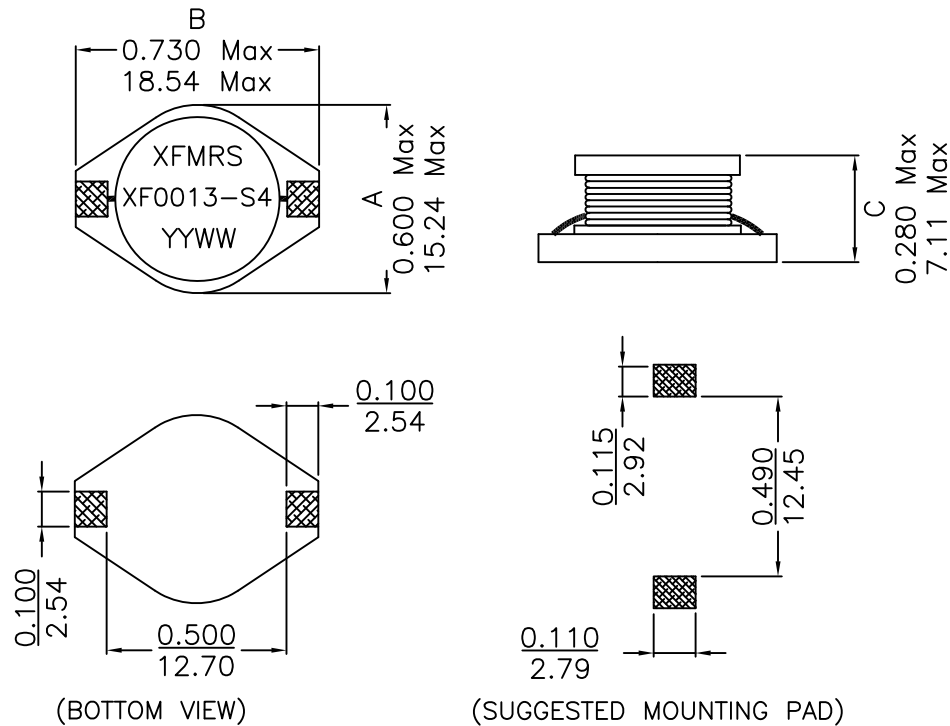
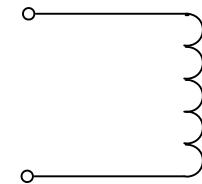


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specification:

INDUCTANCE: 1000uH ±20% @100KHz 0.1V  
 DCR: 1.8 Ohms Max  
 Isat: 1.1 A (Base on 20% drop in OCL)  
 Irms: 0.56 A (Based on 40°C Temp rise)

**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

DOC. REV. A/2

**PRELIMINARY**

<b>XFMR S Inc.</b>	Title: XFSMD4 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF0013-S4	REV. A	
	DWN.	Xiang	May-20-16
	CHK.	YK Liao	May-20-16
SHEET 1 OF 1	APP.	GL	May-20-16