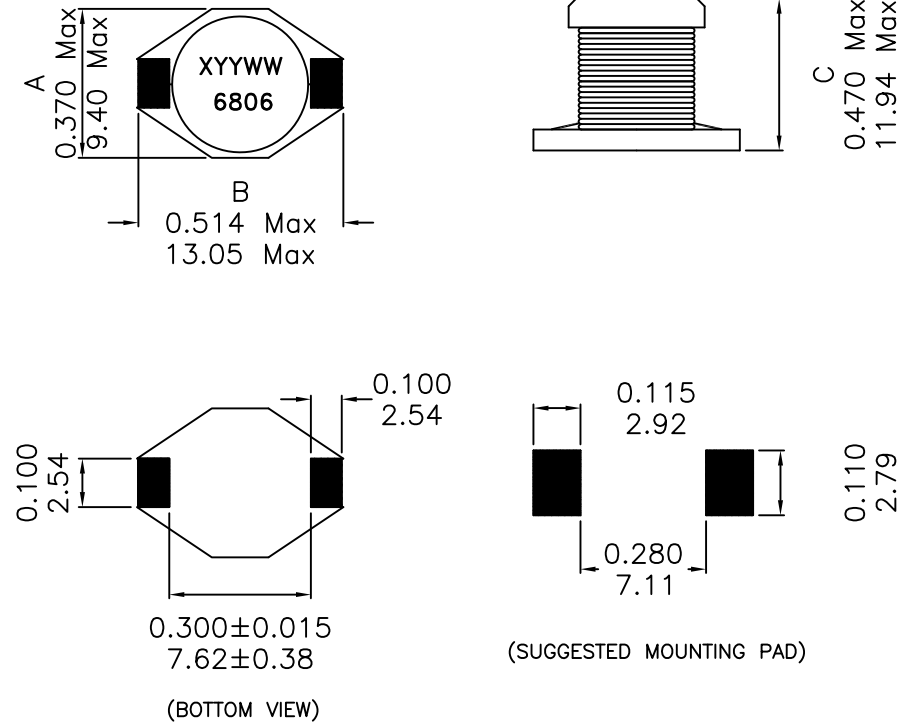
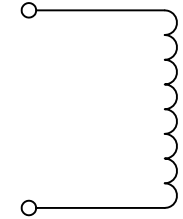


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 680uH ± 20% @ 10KHz 0.1V

DCR: 1.20 Ohms Max

Isat: 1.0A (Based on 10% drop in OCL)

Q : 8 Min @ 10KHz 0.1V

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: ±0.004" (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/2

XFMRs Inc.	Title: XF6806S2 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF6806S2	REV. A
SHEET 1 OF 1	DWN.	Juan Mao	Jun-16-16
	CHK.	YK Liao	Jun-16-16
	APP.	GL	Jun-16-16