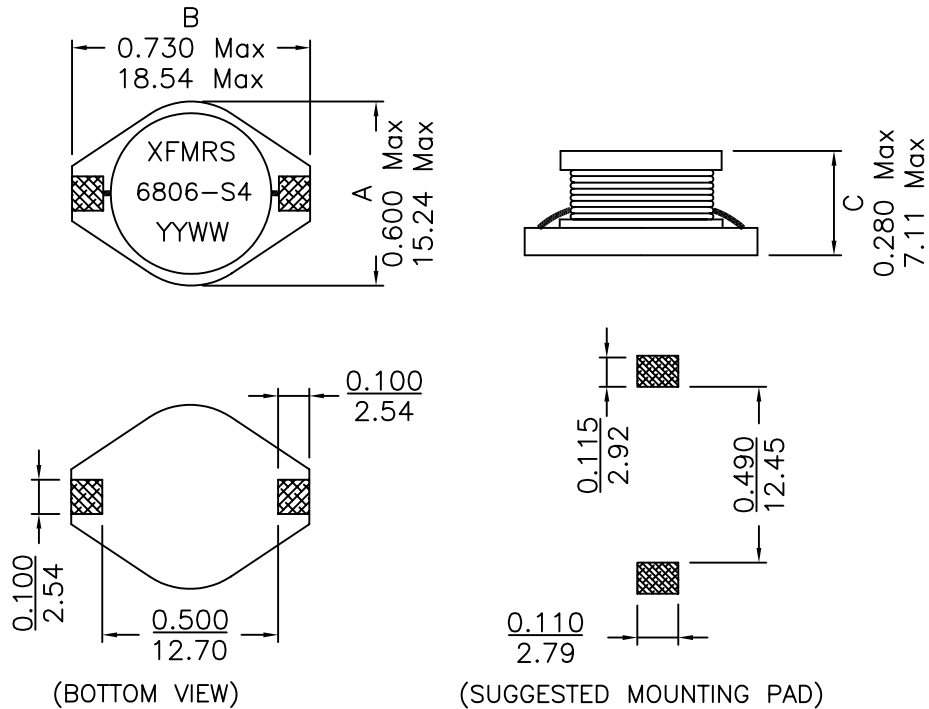
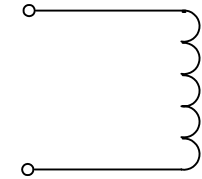


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specification:

OCL: 680uH±20% @10KHz 1.0V

Q: 8 Min @10KHz 1.0V

DCR: 1.20 OHMS MAX

Isat: 1.2A

Irms: 0.72A

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/3

XFMRs Inc. www.XFMRs.com	Title: XFSMD4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF6806-S4	REV. A
	DWN.	Mei Chen	Jun-08-10
	CHK.	YK Liao	Jun-08-10
SHEET 1 OF 1	APP.	BW	Jun-08-10