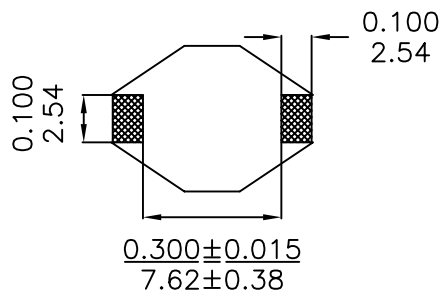
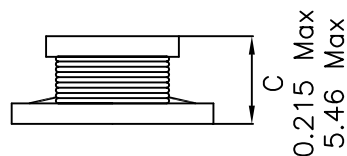
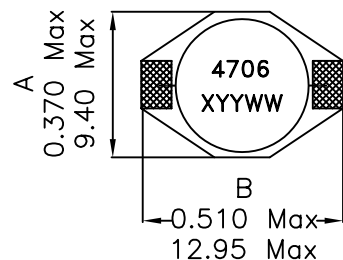
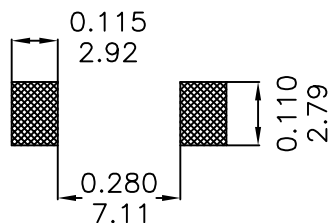


1. Mechanical Dimensions:

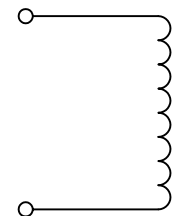


BOTTOM VIEW



SUGGESTED MOUNTING PAD

2. Schematic:



3. Electrical Specifications: @25°C

Inductance: 470.0uH±20% @100KHz 0.1V

Q: 12 Min @100KHz 0.1V

IDC: 0.5A (10% Max drop in L)

DC Res: 1.27 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. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

Doc. Rev: A/8

XFMRs Inc. www.XFMRS.com	Title: XFSMD1 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM		P/N: XF4706S1 DWN. Feng CHK. YK Liao
SHEET 1 OF 1	APP.	BW	May-18-12