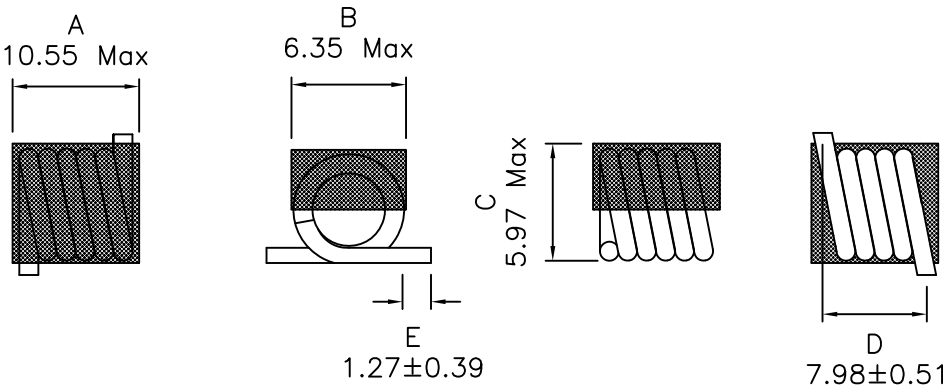
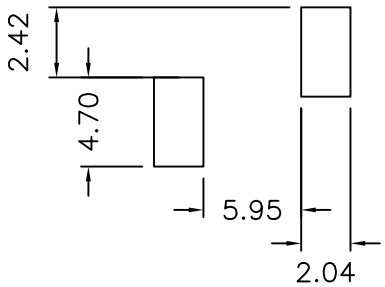
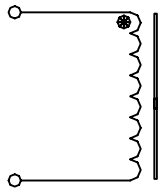
1. Mechanical Dimensions:





Suggested Pad Layout

2. Schematic:



3. Electrical Specification: @25°C

INDUCTANCE: 538nH ±5%

Q: 87 Min

TEST FREQ: 50MHz

DCR: 90.0 mOhms Max

Rated Current: 2.0A Max

SRF: 490MHz 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. All listed parameters are to be within tolerance from −40°C to +125°C unless otherwise noted
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
11. Outsourced item processed & controlled under XFMRS QA system

DOC REV.: A/2

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XFMRS Inc. www.XFMRS.com	Title: Micro Spring Air Core Inductors		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.25 Dimensions in mm	P/N: XF132-20SM		REV. A
	DWN.	Xiang	Aug-08-16
	CHK.	YK Liao	Aug-08-16
SHEET 1 OF 1	APP.	DDC	Aug-08-16