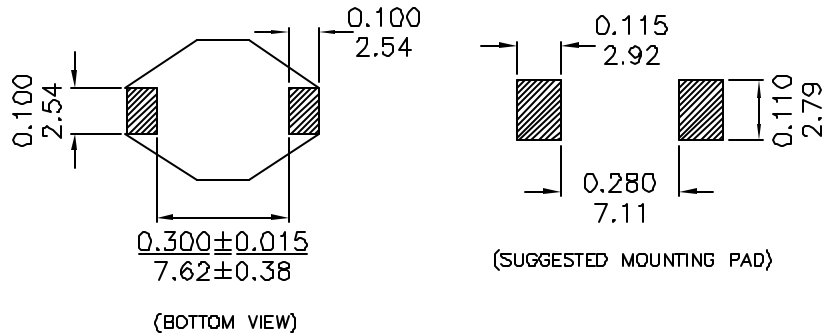
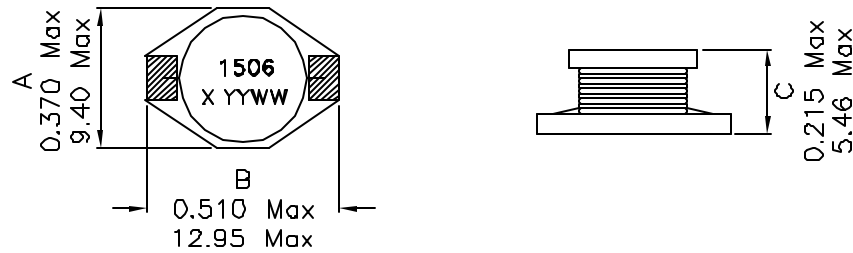


### 1. Mechanical Dimensions:

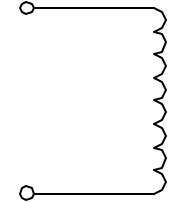


**Notes:**

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. Moisture Sensitivity: Level 0
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. 260°C Reflow Compatible

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### 2. Schematic:



### 3. Electrical Specifications: @25°C

INDUCTANCE: 150uH ±20% @100KHz 0.1V

Q: 7 Min @100KHz 0.1V

ISAT: 1.0Adc (Based on 10% drop in OCL)

IRMS: 1.0A (Based on 40°C Temp Rise)

DC RESISTANCE: 0.400 OHMS Maximum

SRF: 6MHz Typ

<b>XFMRs Inc.</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: XFMSD1 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES:		
.xxx ±0.010 INCH	P/N: XF1506S1	REV. B	
.xx ±0.25 mm	DWN.	Feng	Jan-20-11
Dimensions in INCH/mm	CHK.	YK Liao	Jan-20-11
SHEET 1 OF 1	APP.	Joe Huff	Jan-20-11