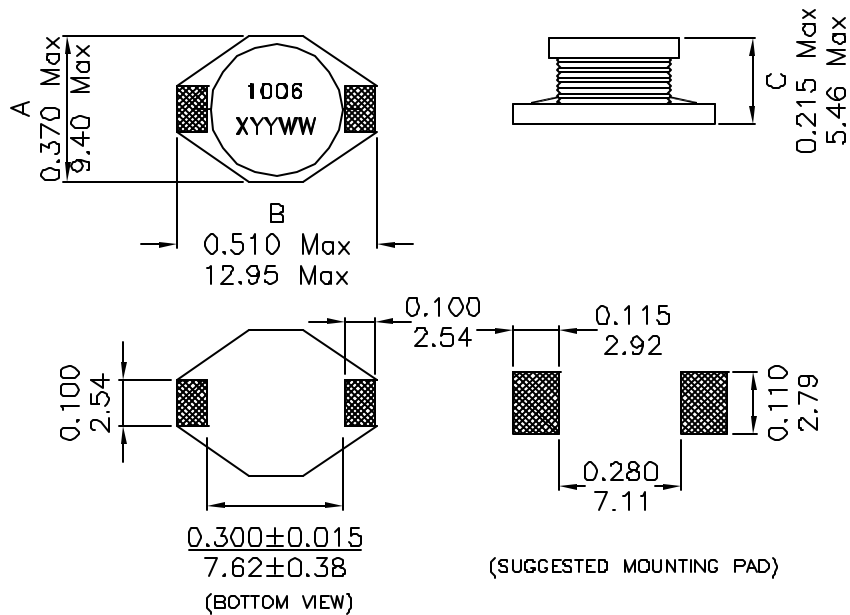


1. Mechanical Dimensions:



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: 100µH ±20% @100KHz 1.0V

Q: 15 Min @100KHz 1.0V

ISat: 1.2Adc (10% Drop typ in Inductance)

Irms: 1.3A (40°C Temp Rise Max)

DC RESISTANCE: 0.280 OHMS Maximum

SRF: 9MHz Typ

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XFMRS Inc. www.XFMRS.com	Title: XFSDM1 SERIES INDUCTORS		
	P/N: XF1006S1		REV. B
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	DWN.	Feng	Jan-13-11
	CHK.	YK Liao	Jan-13-11
SHEET 1 OF 2	APP.	Joe Huff	Jan-13-11