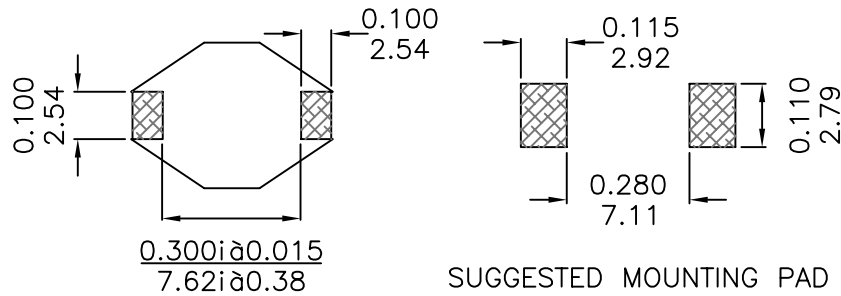
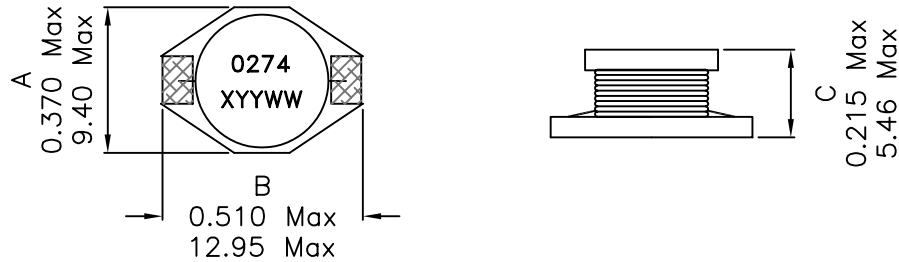


1. Mechanical Dimensions:



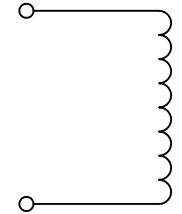
BOTTOM VIEW

SUGGESTED MOUNTING PAD

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

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 2.7mH±20% @100KHz 0.1V

Q: 50 Min @100KHz 0.1V

Current Rating: 0.131Adc

Isat: 0.229Adc (Based on 20% Typ drop in OCL)

DCR: 0.75 Ohms Max

DOC. REV: A/3

XFMRs Inc. www.XFMRS.com	Title: XFSMD1 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM		P/N: XF0274S1
SHEET 1 OF 1	DWN.	Feng	May-29-12
	CHK.	YK Liao	May-29-12
	APP.	BW	May-29-12

PROPRIETARY

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