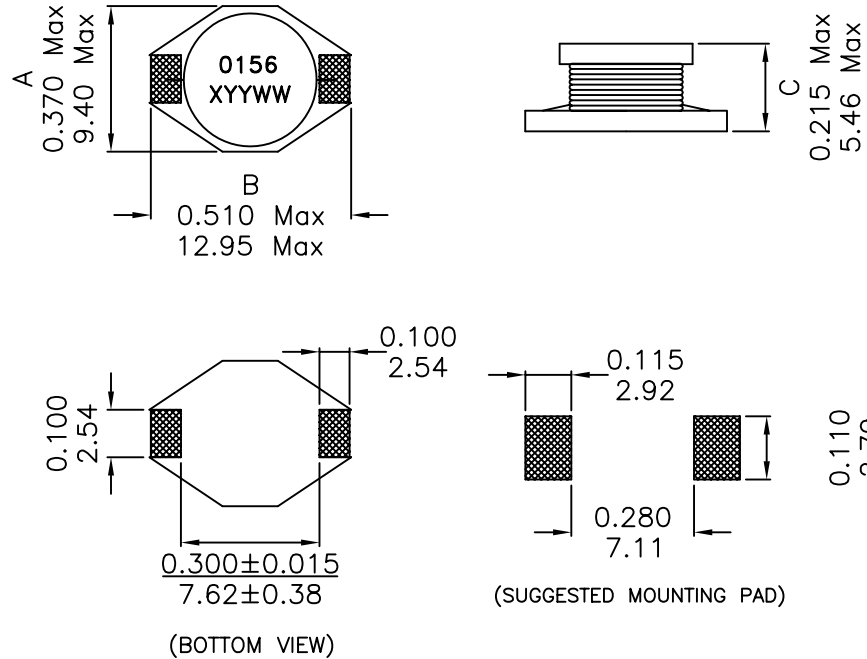


1. Mechanical Dimensions:

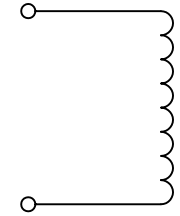


Notes:

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 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. 260°C Reflow Compatible

DOC. REV: A/5

2. Schematic:



3. Electrical Specifications: @25°C

INDUCTANCE: 15.0uH±20% @100KHz 0.1V

Q: 6 Min @100KHz 0.1V

DC RESISTANCE: 0.070 Ohms Max

Isat: 3.0Adc (Based on 10% Drop in OCL)

Irms: 3.1A (Based on 40°C Temp Rise)

SRF: 27MHz Typ

XFMRs Inc. www.XFMRs.com	Title: XFMSMD1 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF0156S1	REV. A
	DWN.	Feng	Jun-23-11
	CHK.	YK Liao	Jun-23-11
SHEET 1 OF 1	APP.	BW	Jun-23-11