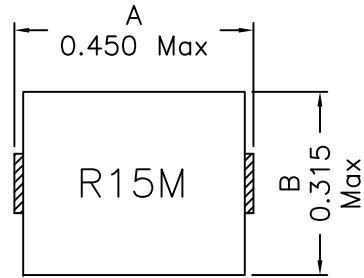
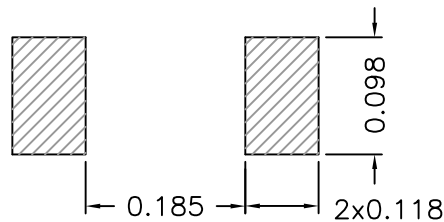
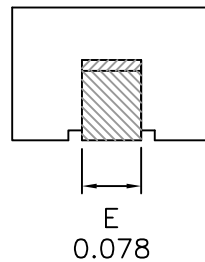
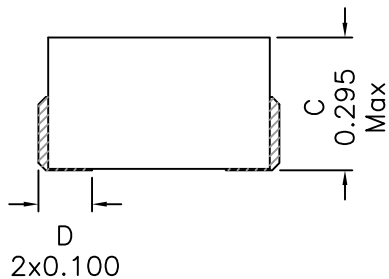


1. Mechanical Dimensions:

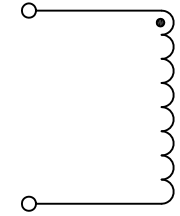


Top view



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 150nH±20% @100KHz 0.1V, 0.0Adc

108nH Min @100KHz 0.1V, 76Adc (+25°C)

108nH Min @100KHz 0.1V, 70Adc (+125°C)

Q: 8 Min @1MHz 0.1V

Irms: 61Adc (Based on 40°C Temp Rise)

DCR: 0.40 mOhms Max

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 +125°C
6. Storage Temperature Range: -40°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. Recommended IR Reflow peak temp of 250°C Max.

DOC. REV: A/5

XFMRs Inc www.XFMRs.com	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH		P/N: XF100807-R15M
	DWN.	Yuan	Apr-12-17
	CHK.	YK Liao	Apr-12-17
SHT 1 OF 1	APP.	BW	Apr-12-17