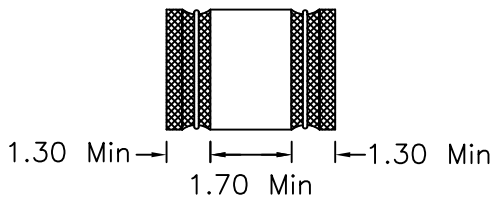
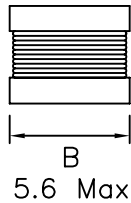
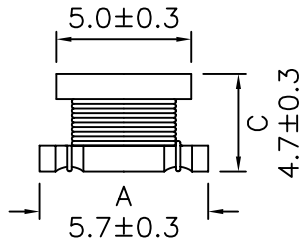
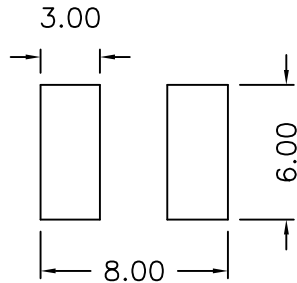


### 1. Mechanical Dimensions:

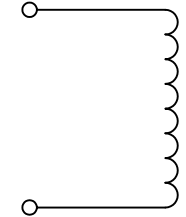


(BOTTOM VIEW)



Suggested Pad Layout

### 2. Schematic:



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

INDUCTANCE: 1.5uH±20% @1MHz 0.1V

Rated Current: 3700mA Max

DC RESISTANCE: 0.019±40% OHMS

SRF: 110 MHz Typ

**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

DOC. REV. A/1

<b>XFMRs Inc</b> www.XFMRS.com	Title: <b>INDUCTOR</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFWI575047-1R5M	REV. A
SHEET 1 OF 1	DWN.	Feng	May-11-11
	APP.	YK Liao	May-11-11
		BW	May-11-11