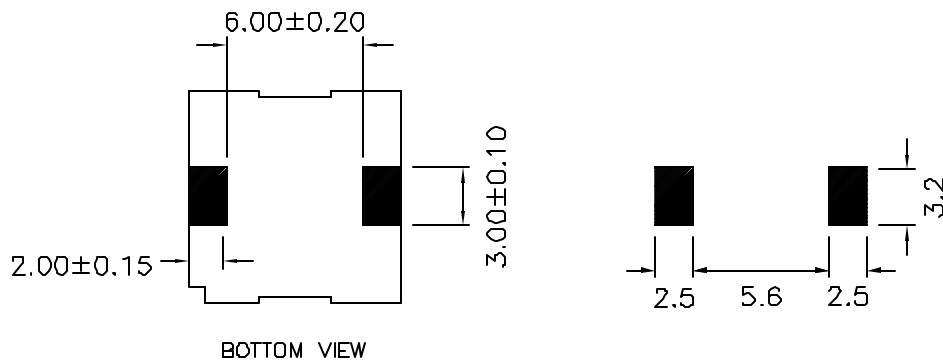
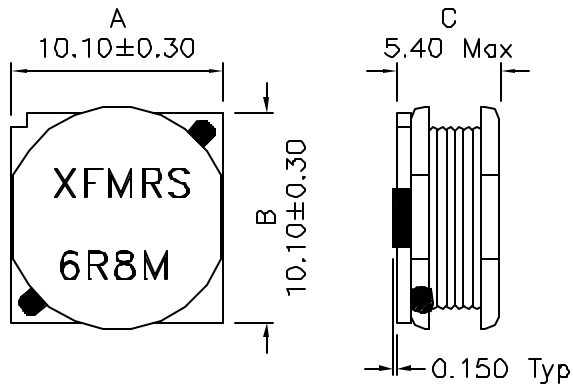
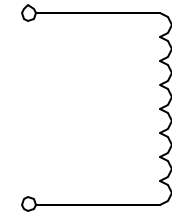


### 1. Mechanical Dimensions:



### 2. Schematic:



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

OCL: 6.8uH±20% @100KHz 1.0V

Isat: 4.7Adc (Based on 30% Drop in OCL)

Irms: 3.50A (Based on 40°C Temp Rise)

DCR: 0.027 Ohms Max

SRF: 30 MHz

**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

**PROPRIETARY**

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<b>XFMRS Inc.</b> www.XFMRS.com	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED	P/N: XF10145T-6R8M	REV. A
TOLERANCES: .xx ±0.25	DWN.	廖玉坤	Feb-26-08
Dimensions in MM	CHK.	李清儿	Feb-26-08
SHEET 1 OF 1	APP.	BW	Feb-26-08