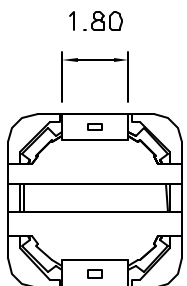
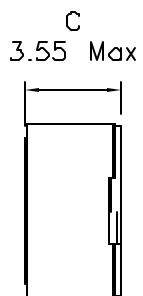
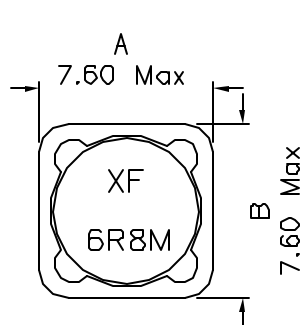
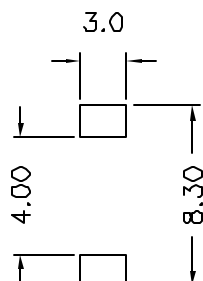


## 1. Mechanical Dimensions:

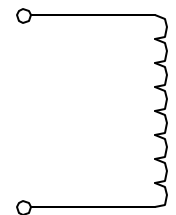


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

## 2. Schematic:



## 3. Electrical Specifications:

OCL: 6.48uH±20% @100KHz 0.25V, 0Adc

OCL: 6.80uH Typ @100KHz 0.25V, 3.12Adc

DC RESISTANCE: 0.0405 Ohms Typ

I<sub>rms</sub>: 2.64A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 3.12Adc (Based on 30% OCL drop)

### 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 E15155B
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

<b>XFMR5 Inc</b> www.XFMR5.com	Title: <b>SMD Inductor</b>		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFTPRH73-6R8M		REV A
	DWN.	Juan Mao	Jun-03-06
	CHK.	YK Liao	Jun-03-06
Scale 2.5:1 SHT 1 OF 1	APP.	BW	Jun-03-06

DOC REV: A/8

**PROPRIETARY**

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