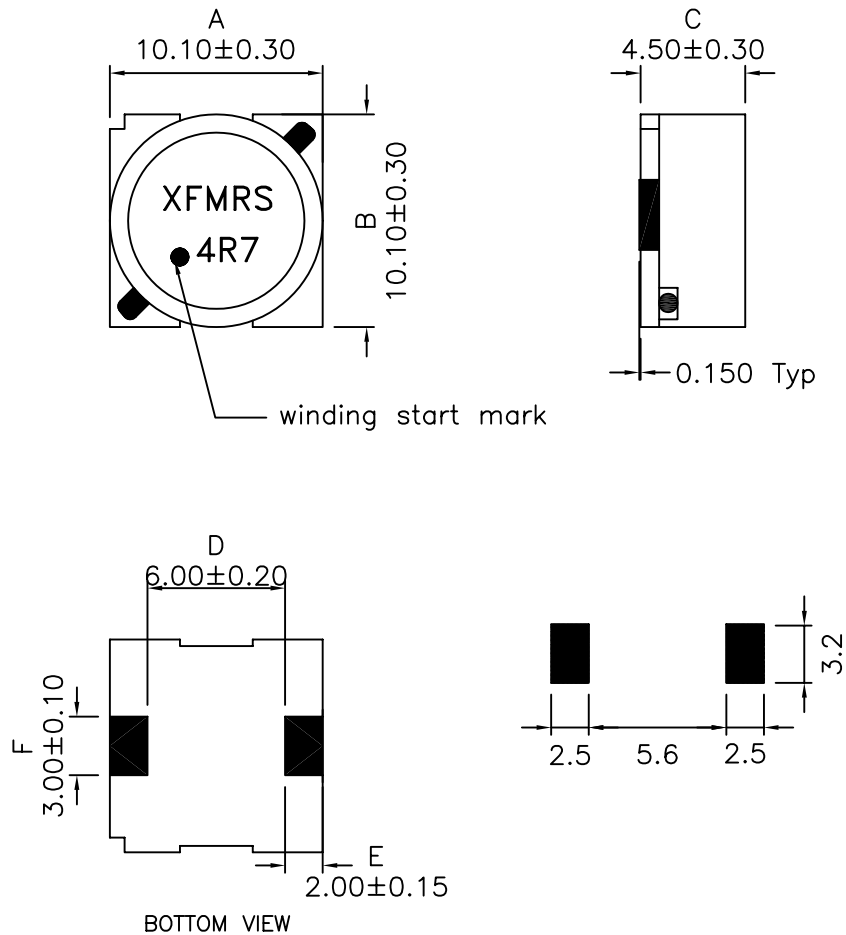


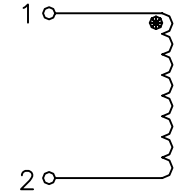
## 1. Mechanical Dimensions:



### 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: -40°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

## 2. Schematic:



## 3. Electrical Specifications:

OCL:  $4.7\mu\text{H} \pm 20\%$  @1KHz 1V

Q: tbd Min @7.96MHz 1V

Isat: 4.3Adc (Based on 15% Drop Typ in OCL)

Irms: 3.5A (Based on 30%DC Temp Rise)

DCR: 0.0223 Ohms Max

DOC REV: A/1

<b>XFMR5 Inc</b> <a href="http://www.XFMR5.com">www.XFMR5.com</a>	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx. $\pm 0.25$ Dimensions in MM	P/N: XF10145S-4R7M	REV. A
SHEET 1 OF 1	DWN.	Feng	Jun-04-12
	CHK.	YK Liao	Jun-04-12
	APP.	BW	Jun-04-12