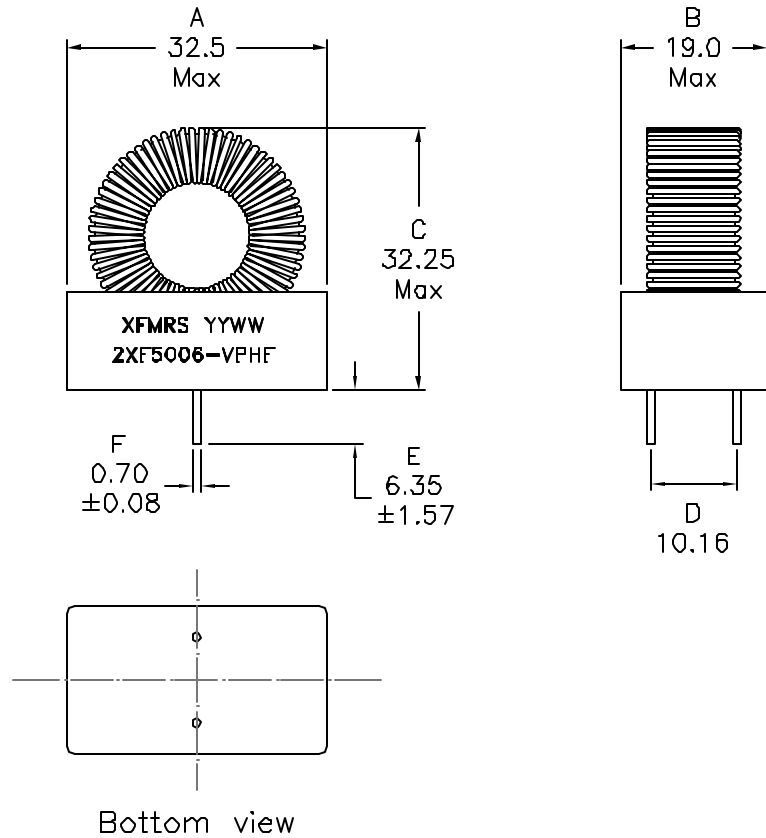


### 1. Mechanical Dimensions:

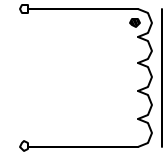


**Notes:**

1. Solderability: Leads shall meet MIL-STD-202C, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151558
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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DCO. REV: A/1

### 2. Schematic:



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

- OCL: 500µH±10% @1KHz 0.1V
- Isat: 2.70Adc (Based on 10% drop in OCL typ)  
3.80Adc (Based on 20% drop in OCL typ)
- Irated: 2.60Arms
- Q: 10 Min @1KHz 0.1V
- DCR: 0.160 Ohms Max
- SRF: 700KHz Min

<b>XFMS Inc</b> www.XFMS.com	Title: <b>INDUCTOR</b>		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: 2XF5006-VPHF	REV. A	
	DWN.	Feng	Jul-28-11
	CHK.	YK Liao	Jul-28-11
SHT 1 OF 1	APP.	Joe Huff	Jul-28-11