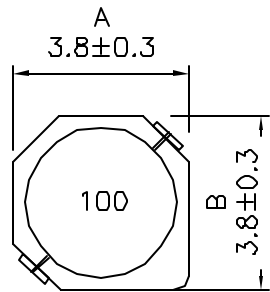
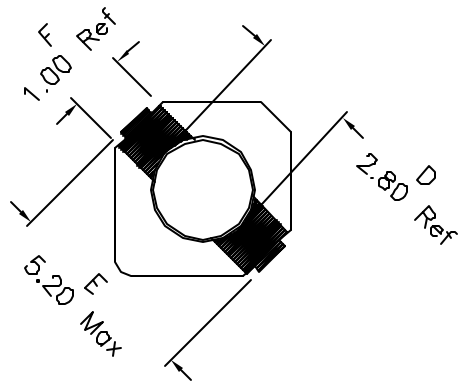
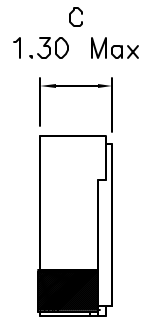


## 1. Mechanical Dimensions:

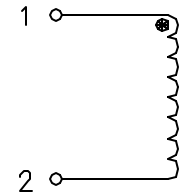


TOP VIEW



BOTTOM VIEW

## 2. Schematic:



## 3. Electrical Specification:

OCL:  $10.125\mu\text{H} \pm 15\%$  @100KHz 0.100V, 0Adc

DCR: 0.441 Ohms Typ

Isat: 0.778Adc (Based on 30% drop in OCL)

Irms: 0.662A (Based on 40°C Temp Rise)

### 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:  $\pm 0.004^{\circ}$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

<b>XFMRs Inc.</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: SMT SHIELDED INDUCTOR		
	P/N: XFTPRH3812-100	REV. A	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .x $\pm 0.25\text{mm}$ Dimensions in mm	DWN.	Juan Mao	Dec-14-06
	CHK.	YK Liao	Dec-14-06
SHEET 1 OF 1	APP.	BW	Dec-14-06

DOC. REV: A/1