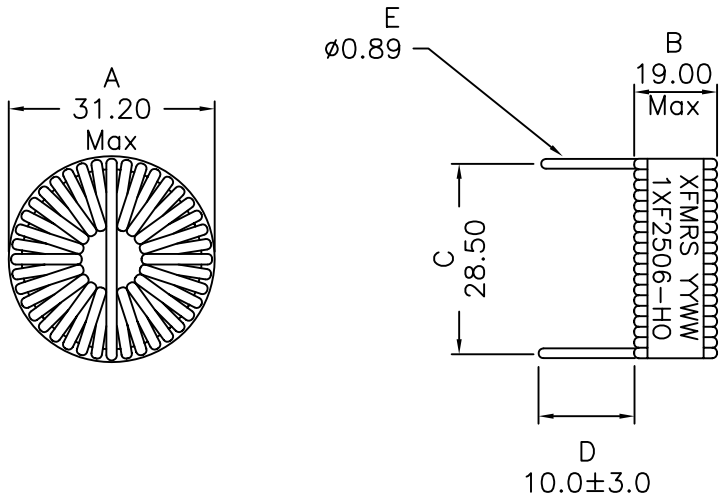
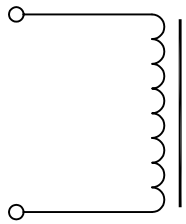
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

Inductance: 251.1uH±20% @100KHz, 250mV

DC Res.: 0.0833 Ohms Max

DC Current: 4.20A (Based on 30°C Temp. Rise)

Isat: 4.20A (Based on 30% drop in OCL)

ETop: 66 V-uS

Energy Storage: 1540uJ

Q: tbd Min @100KHz 250mV

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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV. A/1

XFMRS Inc www.XFMRS.com	Title: Toroid Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.25 Dimensions in mm	P/N: 1XF2506-HO		REV. A
	DWN.	罗振江	May-27-09
	CHK.	袁玉坤	May-27-09
SHEET 1 OF 1	APP.	BW	May-27-09

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