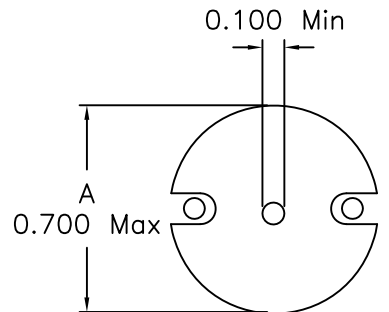
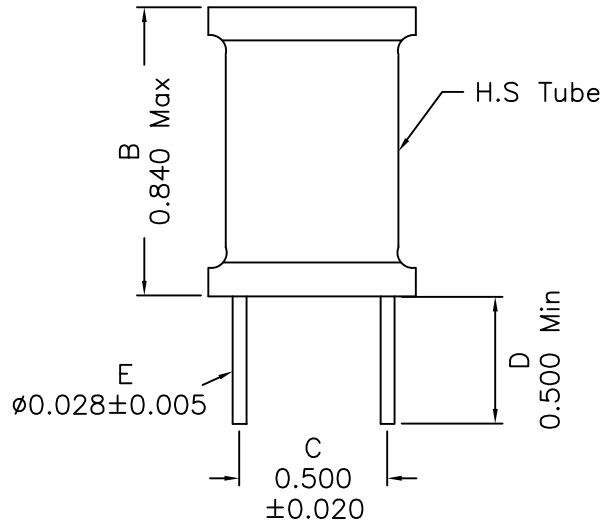
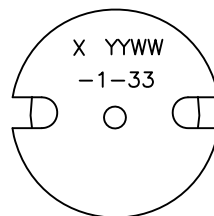


## 1. Mechanical Dimensions:

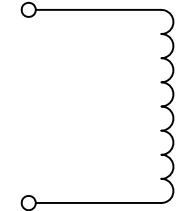


(BOTTOM VIEW)

MARKING: (ON TOP)



## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 33uH±10% @1.0KHz 0.25V

Q: 2.0 Min @1.0KHz 0.25V

Irated: 4.0Arms (Based on 40°C Temp Rise)

I<sub>sat</sub>: 13.2Adc (Based on 5% drop in OCL, -40°C to +85°C)

I<sub>sat</sub>: 5.0Adc (Based on 5% drop in OCL, +85°C to +125°C)

DCR: 0.040 Ohms Max

HIPOT: 1000Vac, Wdg to Core

### 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: -40°C to +125°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

**XFMRs Inc**  
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Title:  
**Radial Leaded Inductor**

UNLESS OTHERWISE SPECIFIED

P/N: XFRL-1256-1-33

REV. A

TOLERANCES:

DWN.

Yuan

Aug-28-13

.xxx ±0.010

CHK.

YK Liao

Aug-28-13

Dimensions in Inch

APP.

DDC

Aug-28-13

SHEET 1 OF 1

DOC. REV: A/3

**PROPRIETARY**

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