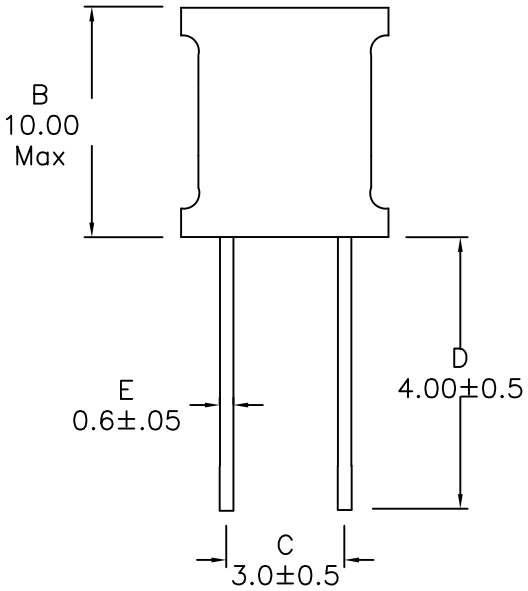
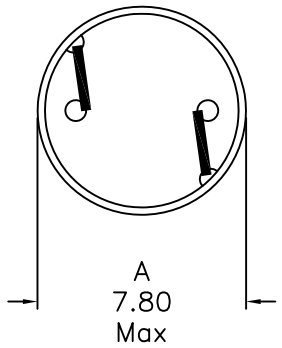
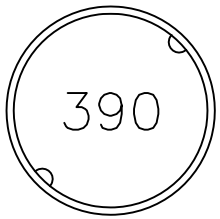
1. Mechanical Dimensions:



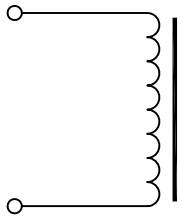


Bottom view



Top view

2. Schematic:



3. Electrical Specifications: 25°C

OCL: 39uH±10% @100KHz, 0.1V

Q: 8 Min @100KHz, 0.1V

DCR: 130 mOhms Max

SRF: 8MHz Typ

Isat: 2.0A (Based on 30% drop in OCL)

Irms: 2.6A (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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

XFMRS Inc. www.XFMRS.com	Title: Radial Leaded Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.10 Dimensions in MM	P/N: XFRL0608-390K		REV. A
	DWN.	Yuan	Aug-06-15
	CHK.	YK Liao	Aug-06-15
SHEET 1 OF 1	APP.	BW	Aug-06-15

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