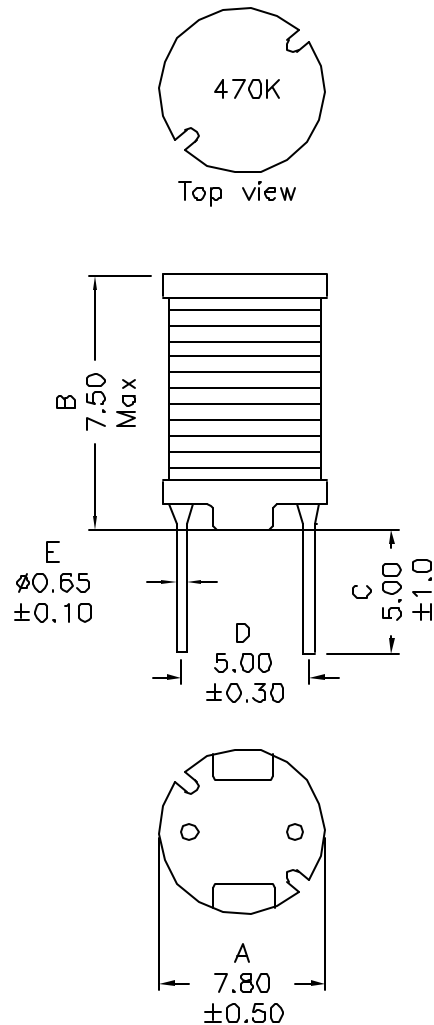
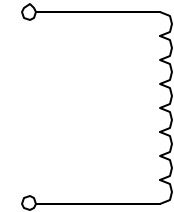


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: $47\mu\text{H} \pm 10\%$ @ 2.52MHz 0.3V

Q: 25 Min @ 2.52MHz

Isat: 1.30A (Based on 10% drop in OCL)

Irated: 0.90A (Based on 20°C Temp Rise)

DCR: 0.15 Ohms Max

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

PRELIMINARY

DOC REV: A/1

XFMRs Inc. www.XFMRs.com	Title: Radial Leaded Inductor		
	P/N: XFRCH875-470K	REV. A	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	DWN.	Xianyi	Mar-17-09
	CHK.	YK Liao	Mar-17-09
SHEET 1 OF 1	APP.	Joe Huff	Mar-17-09