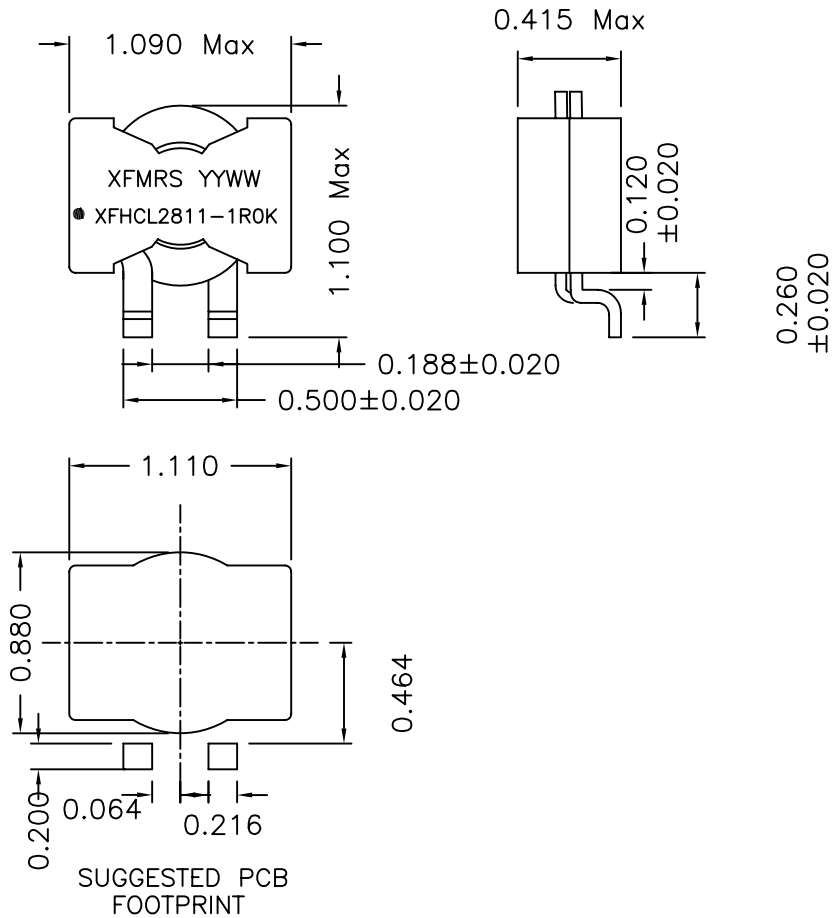


## 1. Mechanical Dimensions:

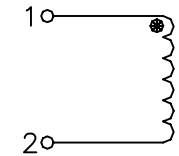


### Notes:

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

DOC REV: A/2

## 2. Schematic:



## 3. Electrical Specifications:

OCL: 0.9–1.1uH @100KHz 0.1V

Q: 40 Min @100KHz 0.1V

DCR: 0.82 mOhms Max

Rated Current: 50Adc

Hi-pot: 300Vrms Wdg to Core

<b>XFMRs Inc</b> www.XFMRS.com		Title: INDUCTOR, PQ26x10.2mm, 1uH, 50ADC	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.010$ Dimensions in INCH	P/N:XFHCL2811-1R0K	REV. A	
	DWN.	Xianyi	Aug-03-09
SHEET 1 OF 1	CHK.	YK Liao	Aug-03-09
	APP.	BW	Aug-03-09

**PROPRIETARY**

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