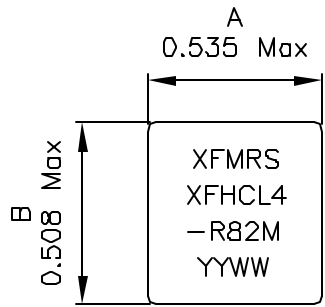
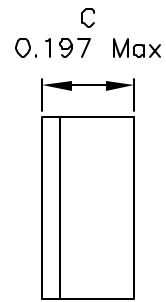


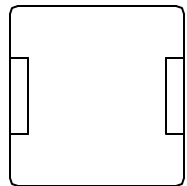
### 1. Mechanical Dimensions:



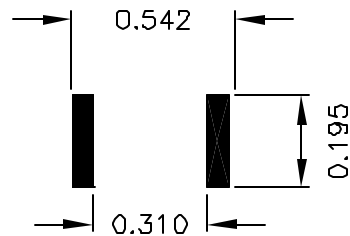
TOP VIEW



SIDE VIEW



BOTTOM VIEW



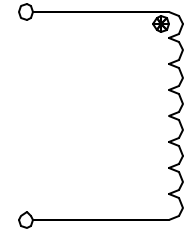
Typical Pad Layout

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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: ±0.004"(0.102mm)
9. Moisture Sensitivity: Level 2

DOC. REV: A/3

### 2. Schematic:



### 3. Electrical Specifications: @25°C

- OCL: 0.82µH±20% @100KHz, 0.25V OADC
- DCR: 2.3 mOhms Max
- Irated: 31.0A (Based on 40°C Temp Rise)
- I<sub>sat</sub>: 53.0A (Based on 20% drop in OCL)

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<b>XFMRS Inc</b>	Title: <b>XFHCL4 SERIES INDUCTORS</b>		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-R82M	REV. A
TOLERANCES: N/A	DWN.	文 鹏	Aug-16-04
Dimensions in Inch	CHK.	李小锋	Aug-16-04
SHEET 1 OF 1	APP.	J Ng	Aug-16-04