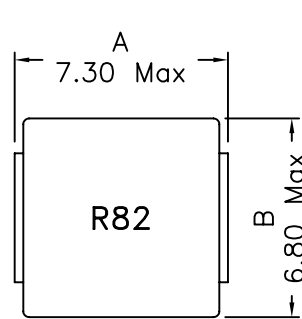
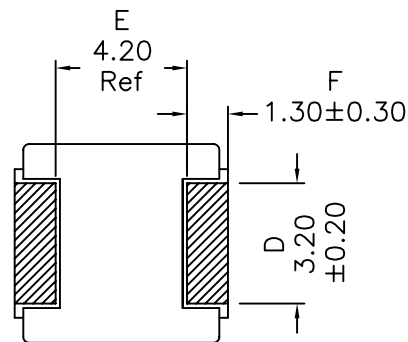
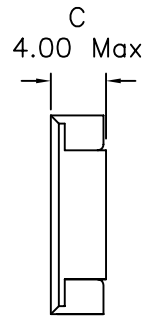


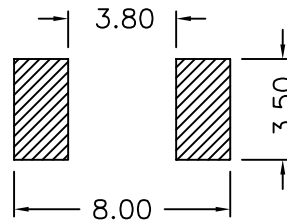
1. Mechanical Dimensions:



Top view

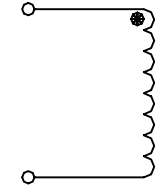


Bottom view



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.82uH±20% @100KHz 0.1V

Q: tbd Min @100KHz 0.1V

DCR: 8.4 mOhms Max

Irms: 13Adc (Based on 40°C Temp Rise Typical)

Isat: 24Adc (Based on 20% Typ drop in OCL)

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 -55°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/1

XFMRS Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
	P/N: XFHCL6MA-R82M		REV. A
	DWN.	Feng	Aug-08-11
	CHK.	YK Liao	Aug-08-11
	APP.	BW	Aug-08-11

PROPRIETARY

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