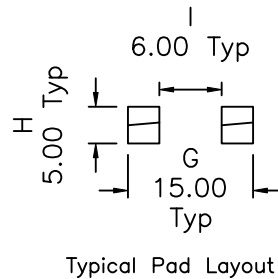
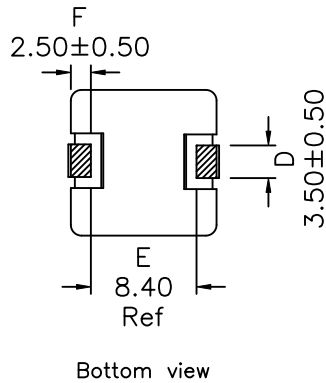
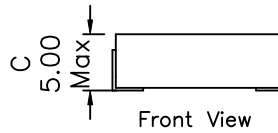
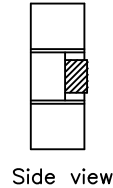
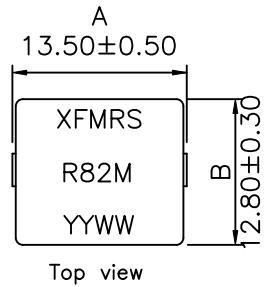
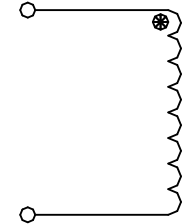


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.82uH±20% @100KHz, 1V

Q: 45 Min @100KHz, 1V

DCR: 2.3 mOhms Max

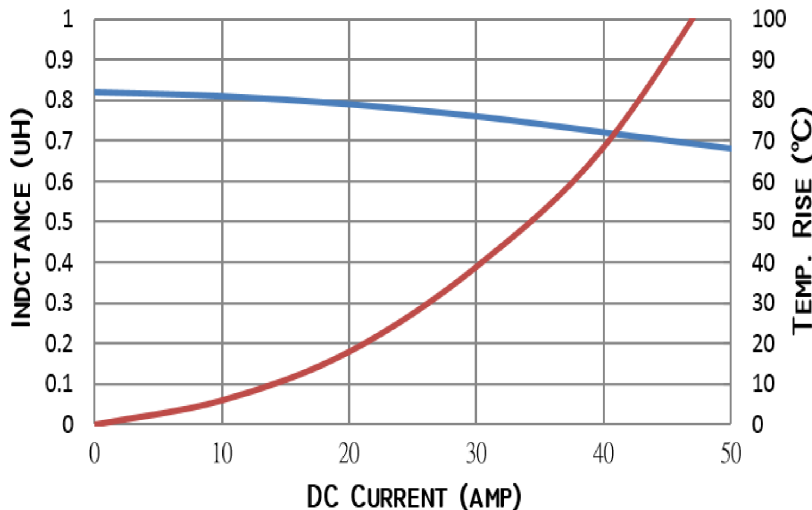
Isat: 31.0A (Based on 40°C Temp Rise)

Isat: 53.0A (Based on 30% Typ drop in OCL)

SRF: 45MHz Min

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: -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) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 260°C Max.
12. Outsourced item processed & controlled under XFMRS QA system
13. AEC-Q200 Certified Product



DOC. REV: A/4

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XFMRS Inc www.XFMRS.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-R82M	REV. A
TOLERANCES: .xx ±0.25	DWN.	Huo	Sep-29-17
Dimensions in MM	CHK.	YK Liao	Sep-29-17
SHEET 1 OF 1	APP.	GL	Sep-29-17