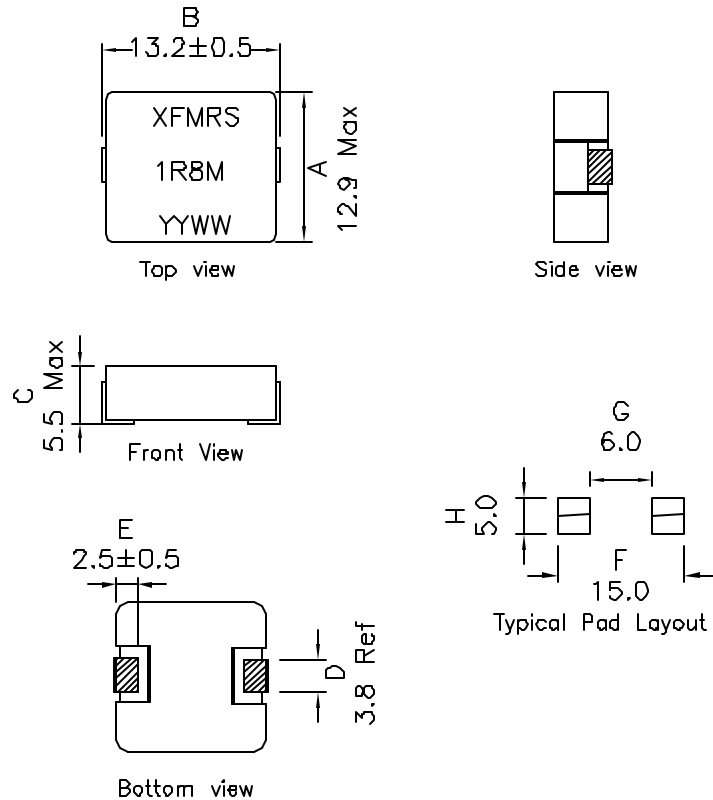
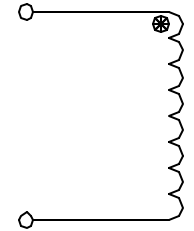


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.8µH ±20% @100KHz, 0.25V OADC

DCR: 4.7 mOhms Max

HEAT RISE CURRENT: 22A Typ will cause an approximately Δ of 40°C.

SATURATION CURRENT: 40A OCL to drop approximately 20%.

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

DOC. REV: A/4

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XFMRS Inc www.XFMRS.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-1R8M	REV. A
TOLERANCES: .xx ±0.25	DWN.	Xianyì	Oct-22-08
Dimensions in MM	CHK.	YK Liao	Oct-22-08
SHEET 1 OF 1	APP.	BW	Oct-22-08