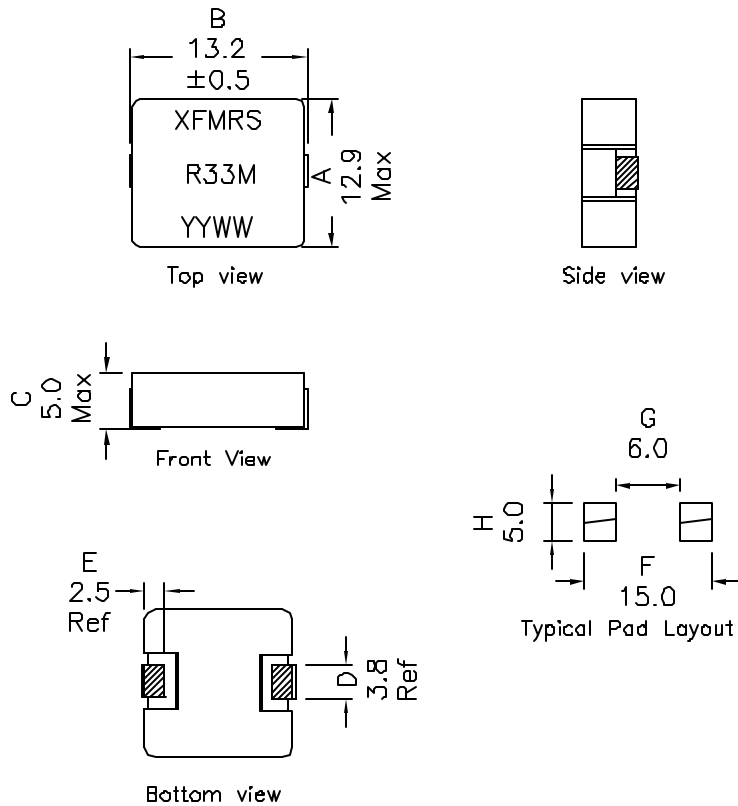


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.33uH±20% @100KHz, 0.25V

Q: 10 Min @100KHz, 0.1V

DCR: 1.10 mOhms Max

Irated: 42.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 80.0A (Based on 20% drop in OCL)

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C, UL file E151558
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC REV: A/2

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XFMRs Inc www.XFMRs.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25	P/N: XFHCL4-R33M	REV. A
Dimensions in MM	DWN.	Xianyi	Dec-08-09
SHEET 1 OF 1	CHK.	YK Liao	Dec-08-09
	APP.	Joe Huff	Dec-08-09