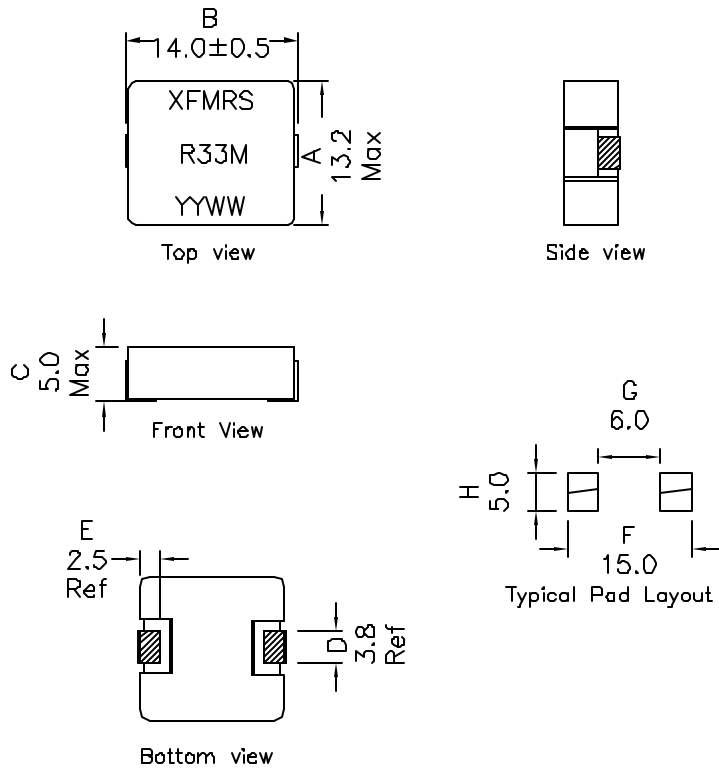
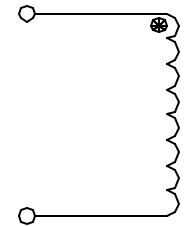


### 1. Mechanical Dimensions:



### 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:**

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/3

<b>XFMRs Inc</b> www.XFMRs.com		Title: <b>XFHCL4 SERIES INDUCTORS</b>	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4-R33M	REV. A	
	DWN.	Mei Chen	Feb-15-11
SHEET 1 OF 1	CHK.	YK Liao	Feb-15-11
	APP.	Joe Huff	Feb-15-11