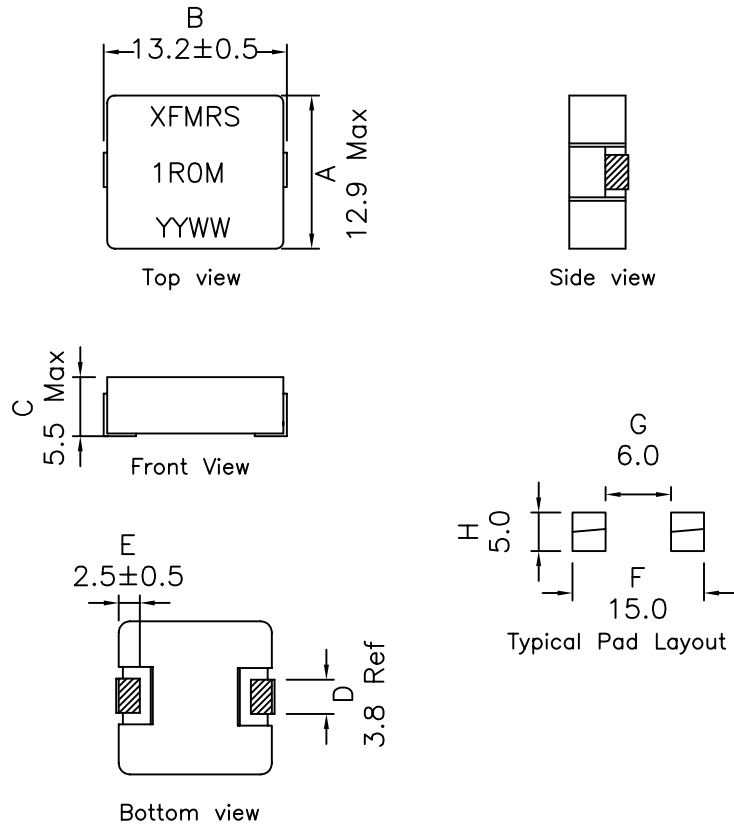


## 1. Mechanical Dimensions:

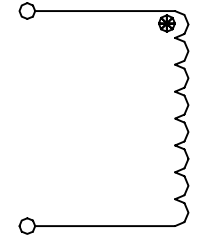


### Notes:

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/11

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 1.00uH±20% @100KHz, 0.1V

Q: 24 Min @100KHz, 0.1V

DCR: 2.5 mOhms Max

Irated: 29.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 50.0A (Based on 20% drop in OCL)

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	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-1ROM	REV. A
TOLERANCES: .xx ±0.25	DWN.	Xiany	May-13-09
Dimensions in MM	CHK.	YK Liao	May-13-09
SHEET 1 OF 1	APP.	BW	May-13-09