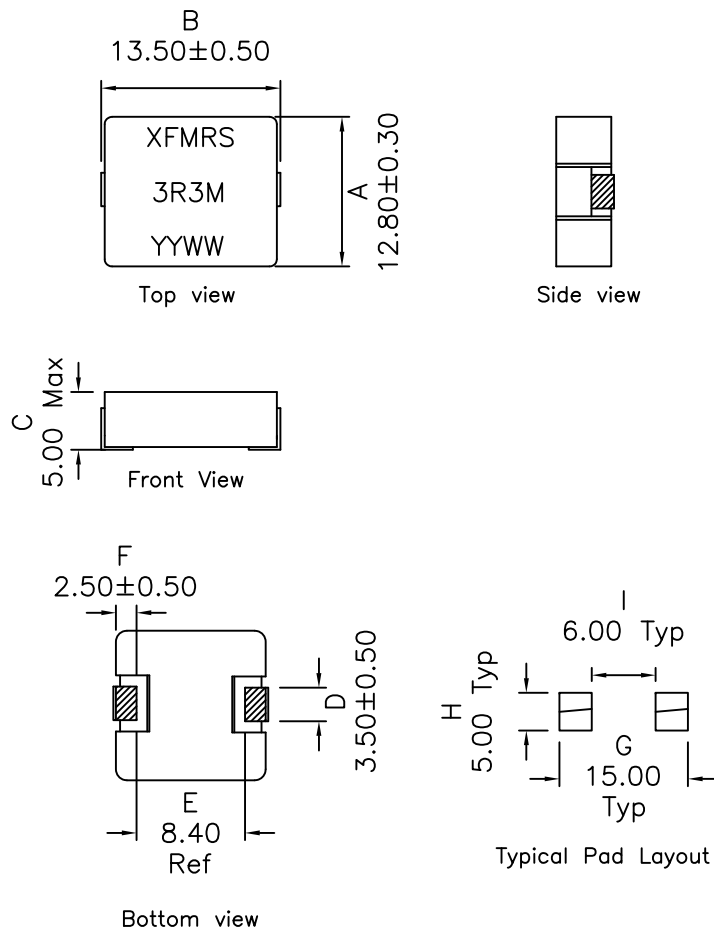


## 1. Mechanical Dimensions:

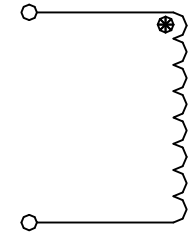


### Notes:

- 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 E151556
- Operating Temperature : -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity:  $\pm 0.004"$  (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMR3M QA system

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## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL:  $3.3 \mu\text{H} \pm 20\%$  @100KHz, 1.0V OADC

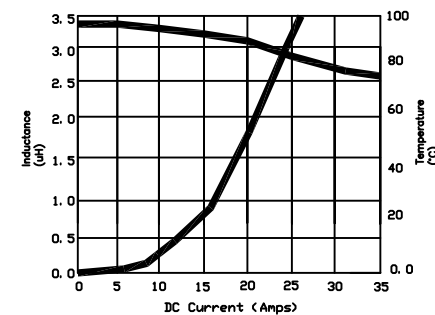
Q: 25 Min @100KHz, 0.1V

DCR: 7.7 mOhms Typ 9.2 mOhms Max

Irated: 15.0A (Based on 40°C Temp Rise)

I<sub>sat</sub>: 32.0A (Based on 30% Typ drop in OCL)

SRF: 8MHz Min



<b>XFMR3M Inc</b> www.XFMR3M.com		Title: <b>XFHCL4 SERIES INDUCTORS</b>	
UNLESS OTHERWISE SPECIFIED		P/N: XFHCL4-3R3M	REV. A
TOLERANCES: .xx $\pm 0.25$		DWN.	Huo
Dimensions in MM		CHK.	YK Liao
SHEET 1 OF 1		APP.	GL
			May-22-17
			May-22-17
			May-22-17

**PROPRIETARY**

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