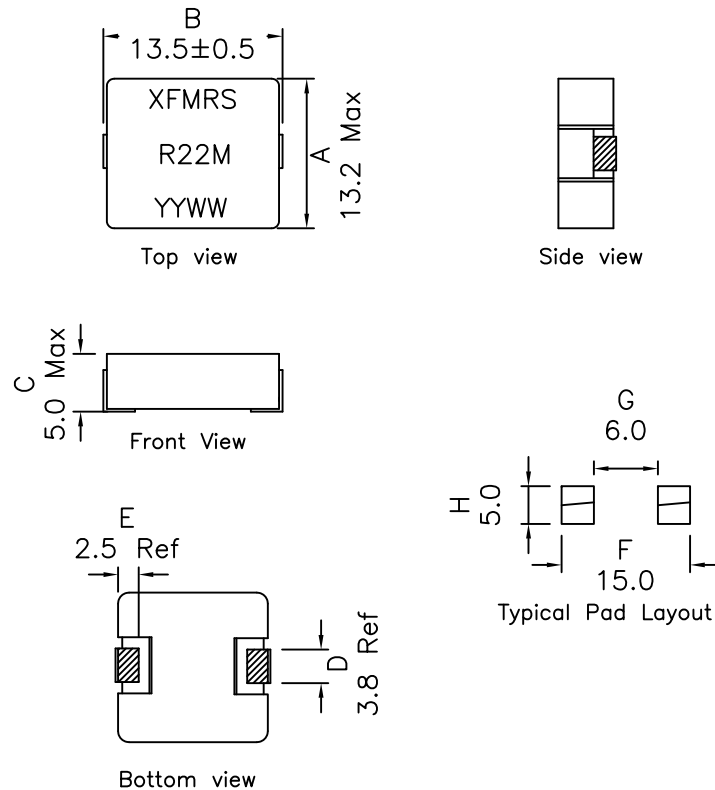
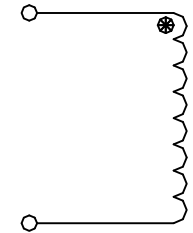


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.22uH±20% @100KHz, 0.25V

Q: 16 Min @100KHz, 0.1V

DCR: 0.80 mOhms Typ

Irated: 51.0A (Based on 40°C Temp Rise)

Isat: 110.0A (Based on 20% drop in OCL)

SRF: 75MHz Typ

### 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: 0.004"(0.102mm) Max
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 260°C Max.
- Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/5

<b>XFMRS Inc</b> www.XFMRS.com	Title: XFHCL4 SERIES SHIELDED INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL4-R22M	REV. A
SHEET 1 OF 1	DWN.	Huo	May-25-18
	CHK.	YK Liao	May-25-18
	APP.	BW	May-25-18