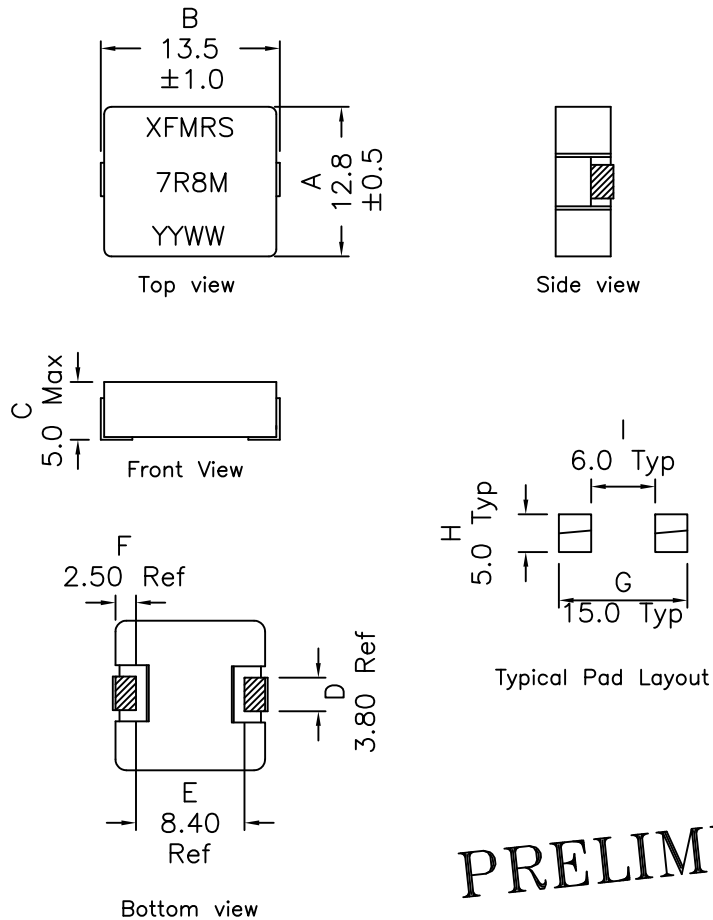


1. Mechanical Dimensions:

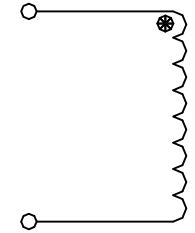


Notes:

- 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 Range: All listed parameters are to be within tolerance from -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250C Max
- Outsourced item processed & controlled under XFMRs QA system

DOC REV: A/-

2. Schematic:



3. Electrical Specifications: @25°C

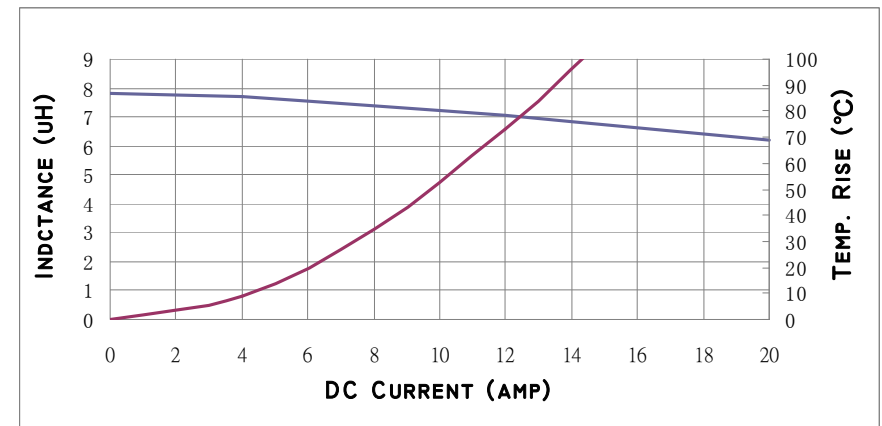
OCL: $7.80\mu\text{H} \pm 20\%$ @100KHz, 0.25V

Q: tbd Min @100KHz, 0.25V

DCR: 20.5 mOhms Max 17.2 mOhms Typ

Irated: 10.0A (Based on 40°C Temp Rise)

Isat: 15.0A (Based on 30% Typ drop in OCL)



PRELIMINARY

XFMRs Inc www.XFMRs.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL4-7R8M	REV. A
TOLERANCES: .XX ± 0.25	DWN.	Yuan	Jun-06-14
Dimensions in MM	CHK.	YK Liao	Jun-06-14
SHEET 1 OF 1	APP.	DDC	Jun-06-14