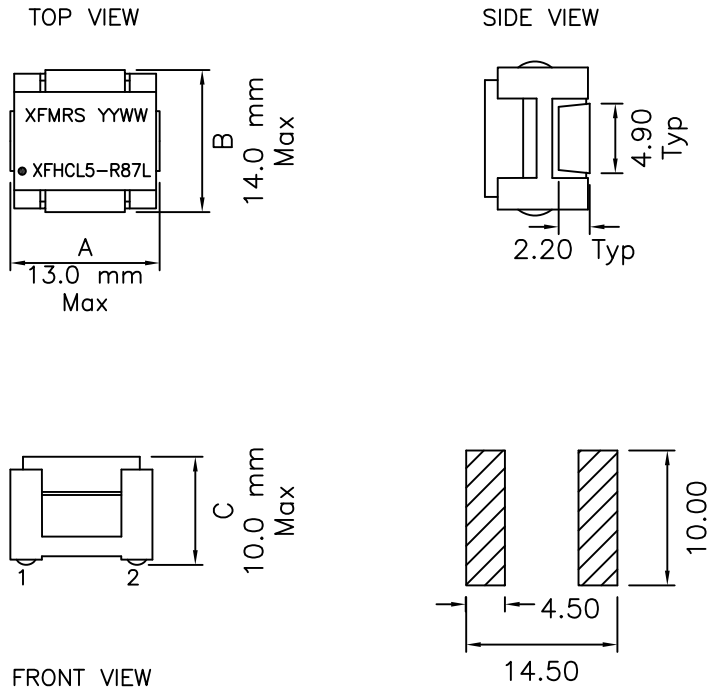
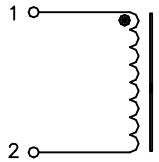
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: 0.866uH±15% @300KHz 0.25V
Q: 15 Min @300KHz 0.25V
DCR: 0.00138 Ohms Max
Isat: 31.0Adc Typ (Based on 30% Drop in OCL)
Irms: 28.01Adc Typ (Based on 40°C Temp Rise)
Volt-uS: 5.49

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

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XFMRS Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL5-R87L		REV. A
	DWN.	Yuan	Nov-06-12
	CHK.	YK Liao	Nov-06-12
SHEET 1 OF 1	APP.	BSJ	Nov-06-12