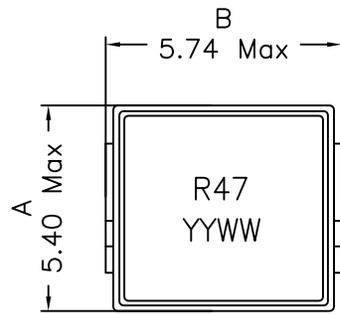
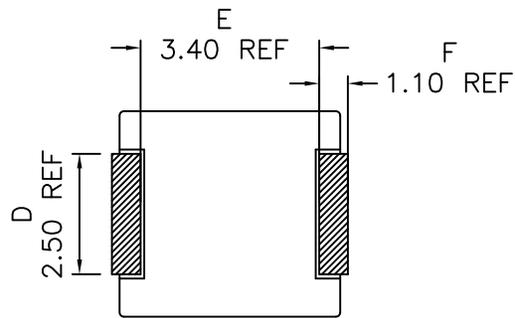
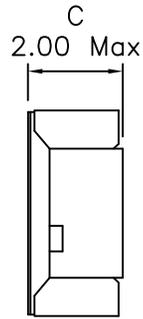


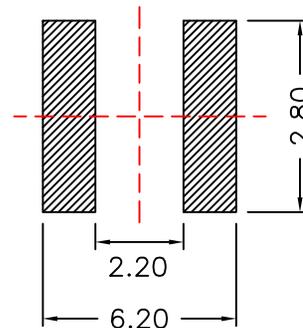
1. Mechanical Dimensions:



Top view



Bottom view



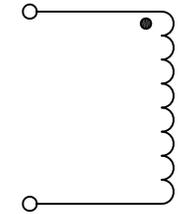
Land Patterns

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. All listed parameters are to be within tolerance from -40°C to +105°C unless otherwise noted
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004''$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max.
12. Outsourced item processed & controlled under XFMRs QA system

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2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.47 μ H \pm 20% @100KHz 1.0V

Q: tbd Min @100KHz 1.0V

DCR: 8.60 mOhms Max 7.30mOhms Typ

Isat: 18.0Adc (Based on 20% Typ drop in OCL)

Irms: 11.5Adc (Based on 40°C Temp Rise)

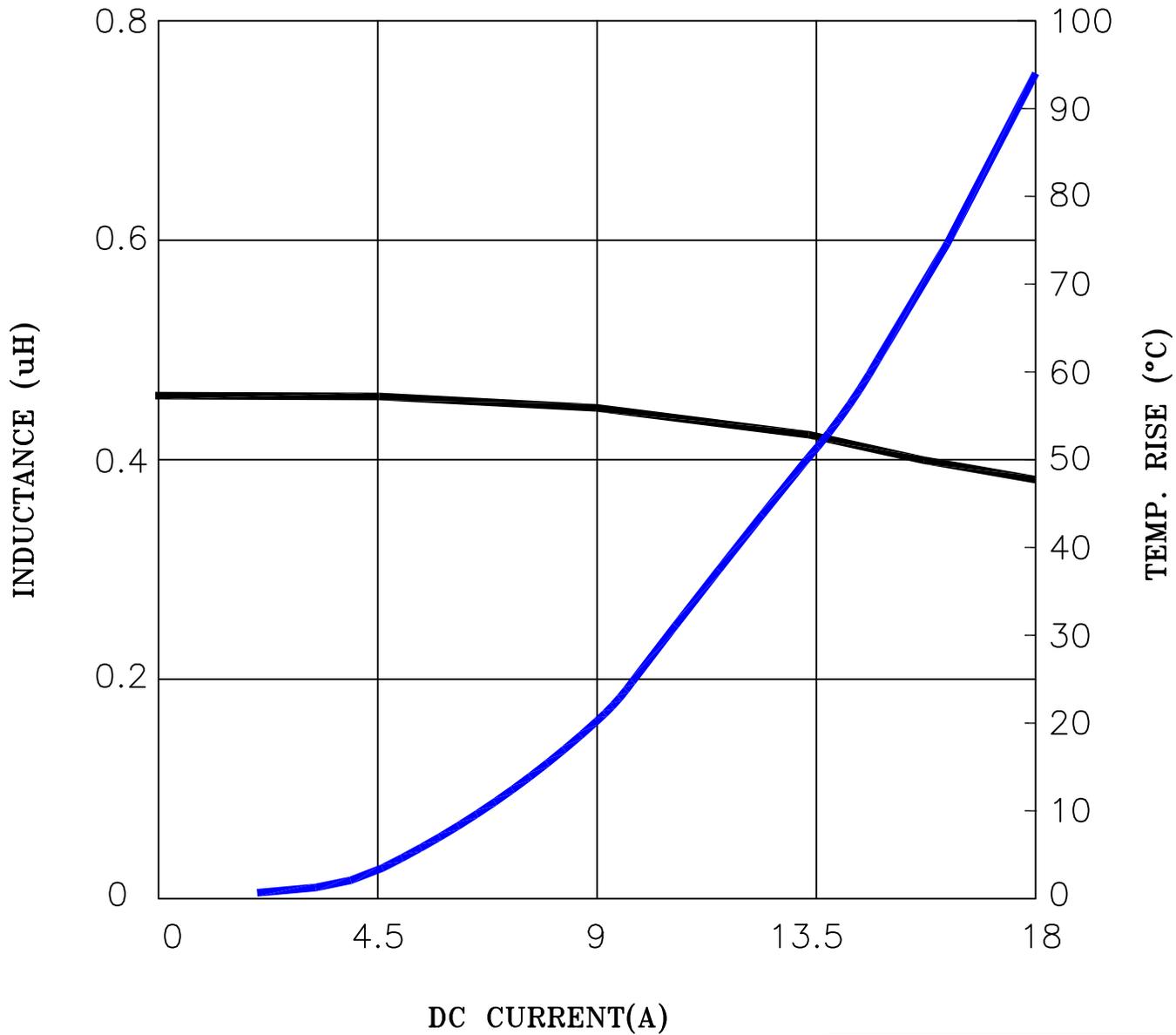
XFMRs Inc.
www.XFMRs.com

Title:
SMT POWER INDUCTOR

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx \pm 0.25
Dimensions in MM

P/N: XFHCL22-R47M	REV. A
DWN. Mei Chen	Oct-20-15
CHK. YK Liao	Oct-20-15
APP. BSJ	Oct-20-15

SHEET 1 OF 2



DOC. REV: A/2

XFMRs Inc. www.XFMRs.com		Title: SMT POWER INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XFHCL22-R47M	REV. A
		DWN.	Mei Chen
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		APP.	BSJ
SHEET 2 OF 2			Oct-20-15

PROPRIETARY

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