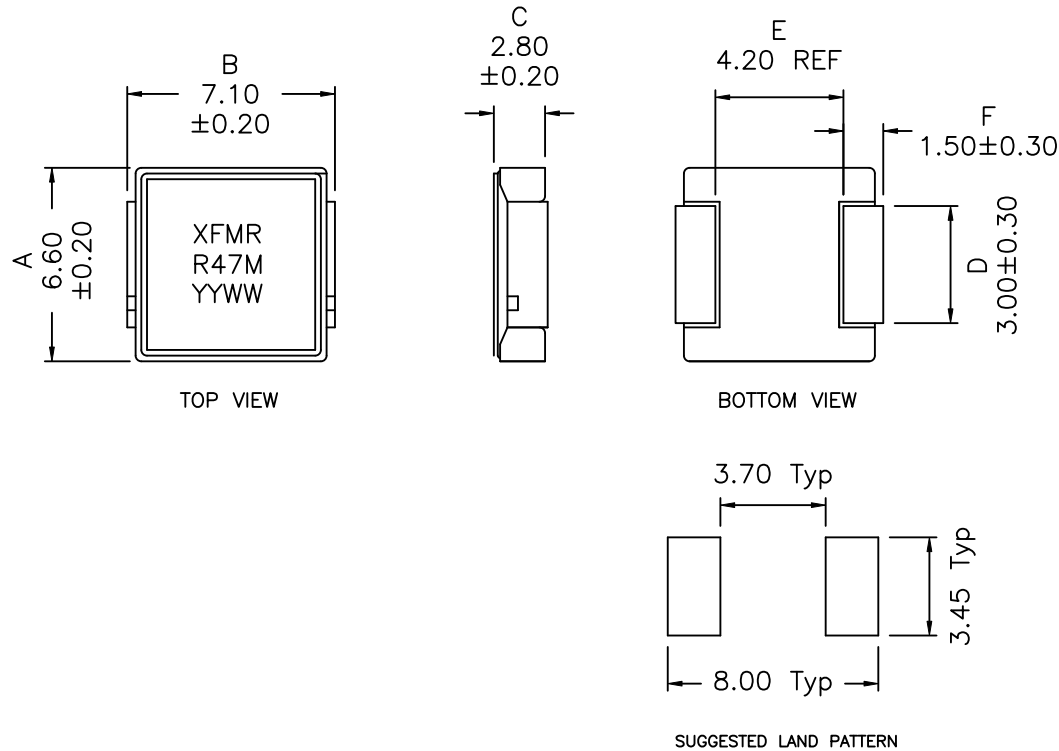
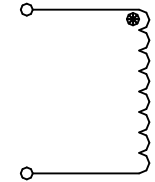


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.47uH±20% @100KHz, 1.0V

Q: 12 Min @100KHz, 0.25V

DCR: 4.2 mOhms Max

Irms: 17.5A Typ (Based on 40°C Typ Temp Rise)

Isat: 26.0Adc Typ (Based on 30% Typ drop in OCL)

SRF: 30MHz Min

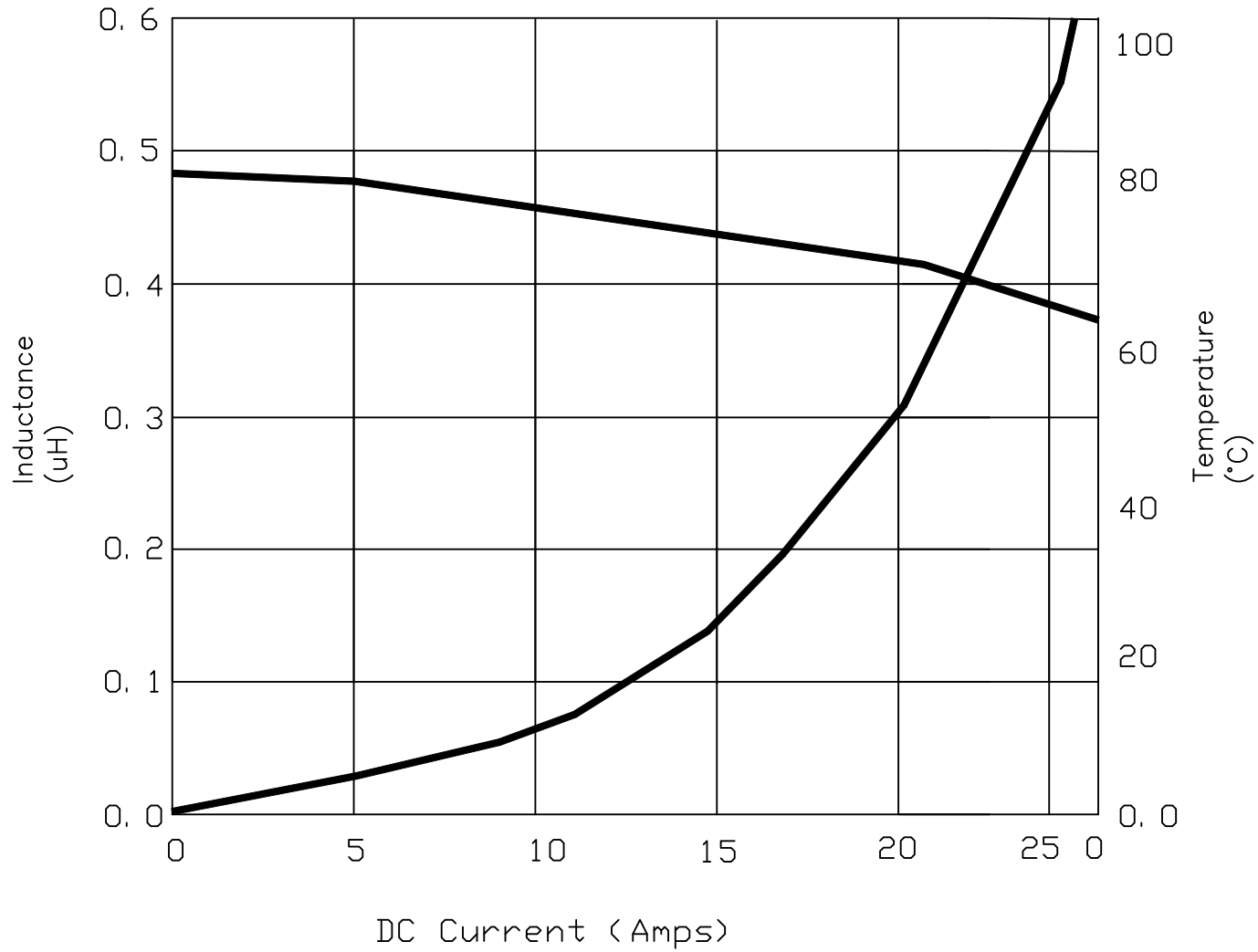
Rated Voltage: 75V

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)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.
- Outsourced item processed & controlled under XFMR QA system
- MSL 1

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XFMR Inc www.XFMR.com	Title: MAGNETICALLY SHIELDED HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6-R47M	REV. A
SHEET 1 OF 2	DWN.	Huo	Feb-06-23
	CHK.	YK Liao	Feb-06-23
	APP.	AM	Feb-06-23



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SHEET 2 OF 2	APP.	AM	Feb-06-23