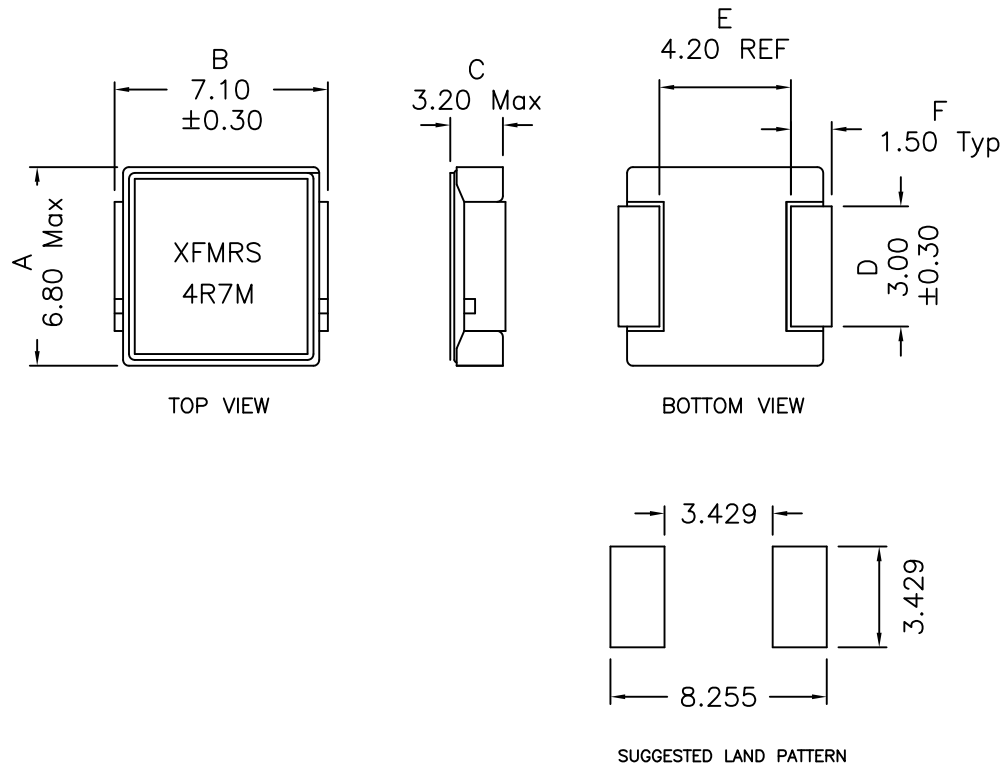
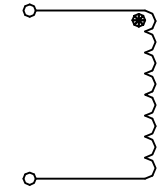


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25C

OCL: 4.70uH±20% @100KHz 0.25V

Q: 20 Min @100KHz 0.25V

DCR: 40.0 mOhms Max

Irms: 5.5A (Based on 40°C Typ Temp Rise)

I_{sat}: 10.0Adc (Based on 20% Typ drop in OCL)

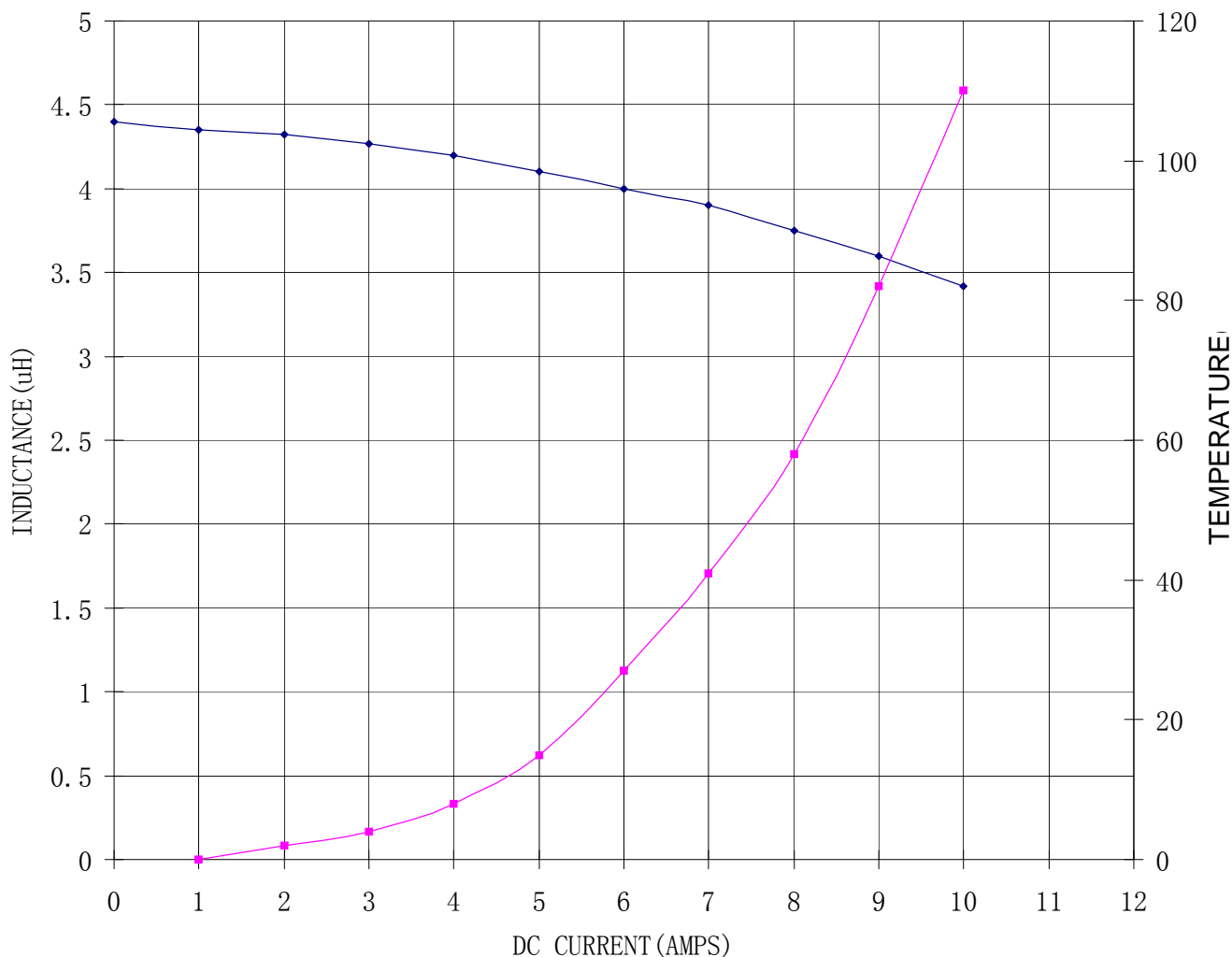
SRF: 8MHz Min

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 : -55°C to +125°C (Includes temperature when the coil is heated)
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
11. Outsourced item processed & controlled under XFMRS QA system

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|-----------------------------------|---------------------------------|------------------|-----------|
| XFMRS Inc www.XFMRS.com | Title: HIGH CURRENT INDUCTOR | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XFHCL6-4R7M | REV. A |
| TOLERANCES: .xx ±0.25 | DWN. | Huo | May-23-17 |
| Dimensions in MM | CHK. | YK Liao | May-23-17 |
| SHEET 1 OF 2 | APP. | BW | May-23-17 |



DOC. REV: A/14

| | | | |
|-----------------------------------|--|---------|------------------|
| XFMRs Inc www.XFMRS.com | Title: HIGH CURRENT INDUCTOR | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM | | P/N: XFHCL6-4R7M |
| SHEET 2 OF 2 | DWN. | Huo | May-23-17 |
| | CHK. | YK Liao | May-23-17 |
| | APP. | BW | May-23-17 |

PROPRIETARY

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