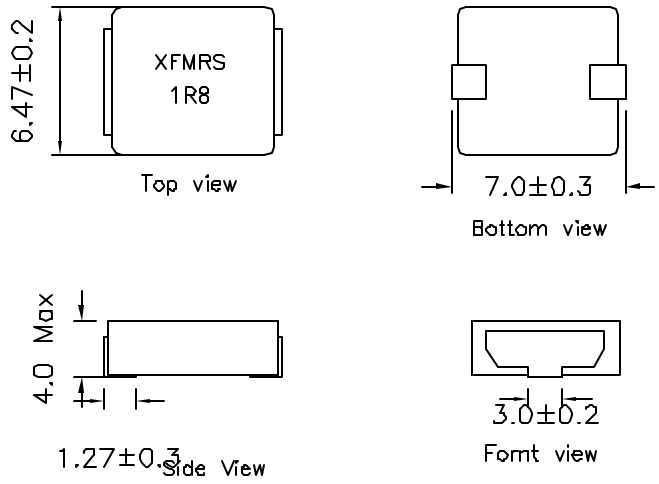
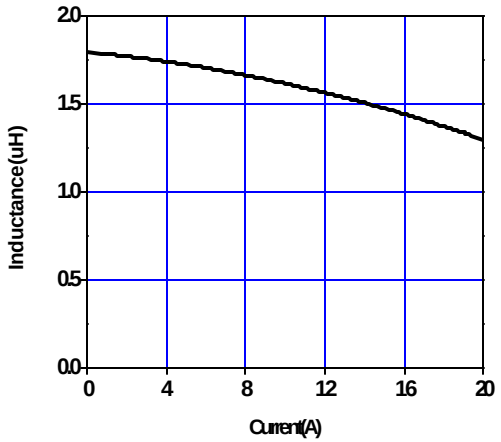
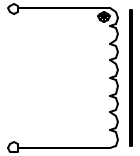
1. Mechanical Dimensions:





2. Schematic:



3. Electrical Specifications:

INDUCTANCE: 1.8uH±20% @100KHz 0.1V
Q: 20 Min @100KHz 0.1V
DC Res: 15 mOhms Max
Irms: 9A Typ (Based on 40°C Temp Rise)
Isat: 16A Typ (Based on 20% drop in OCL)

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 E151555
5. Operating Temperature Range: All listed parameters are to be within tolerance from -55°C to +120°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/2

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XFMRS Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.010 Dimensions in INCH	P/N:XFHCL6MA-1R8M		REV. A
	DWN.	Juan mao	Jun-03-08
	CHK.	YK Liao	Jun-03-08
SHEET 1 OF 1	APP.	Joe Huff	Jun-03-08