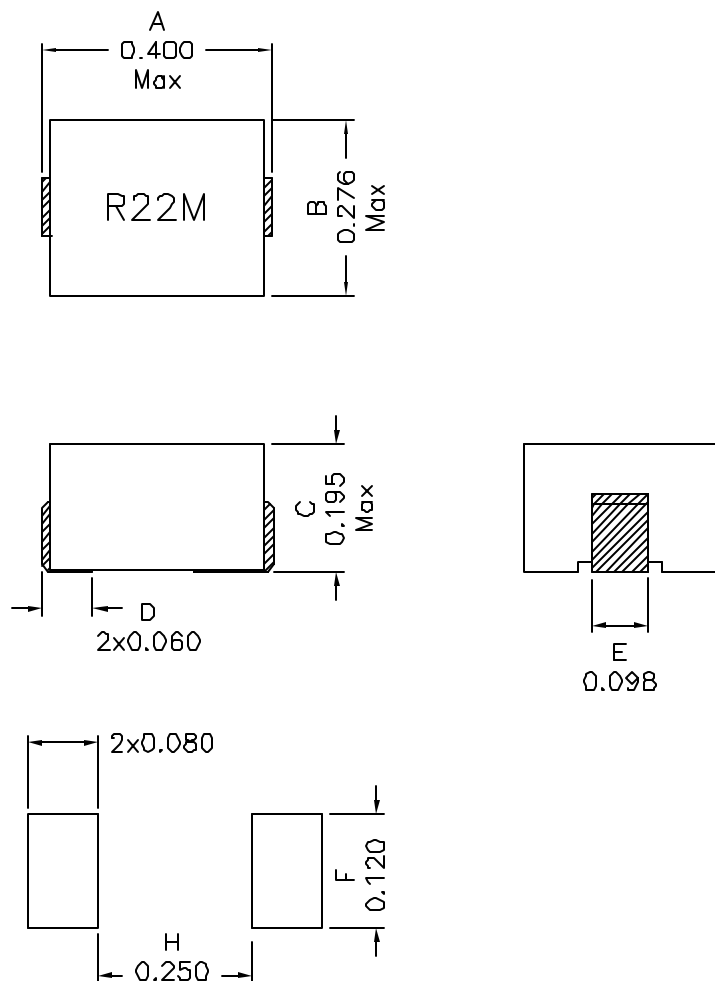
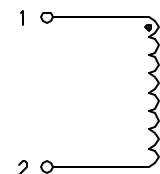


1. Mechanical Dimensions:



SUGGESTED LAND PATTERN

2. Schematic:



3. Electrical Specs:

OCL: Pins 1-2 220nH±20% @2MHz, 0.1V

Q: Pins 1-2 10 Min @2MHz 0.1V

Rated: 31Adc (Based on 40°C Temp Rise)

Current: 33Adc (Based on 20% Drop in OCL)

DCR: Pins 1-2 0.50 mOhms±6%

Notes:

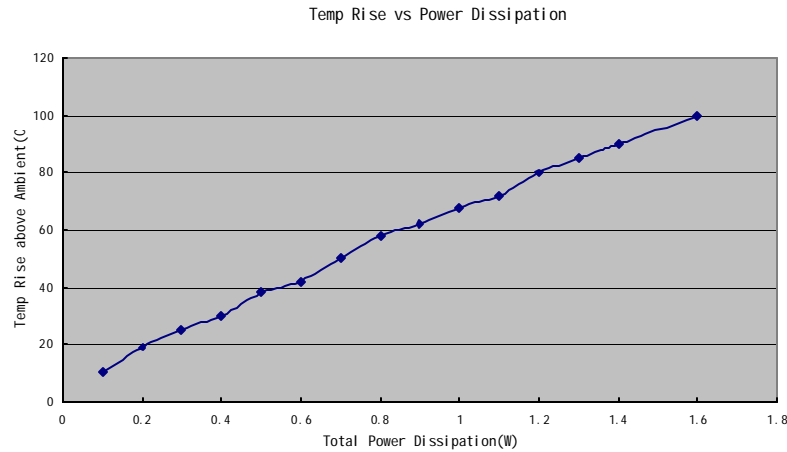
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C, UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature 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

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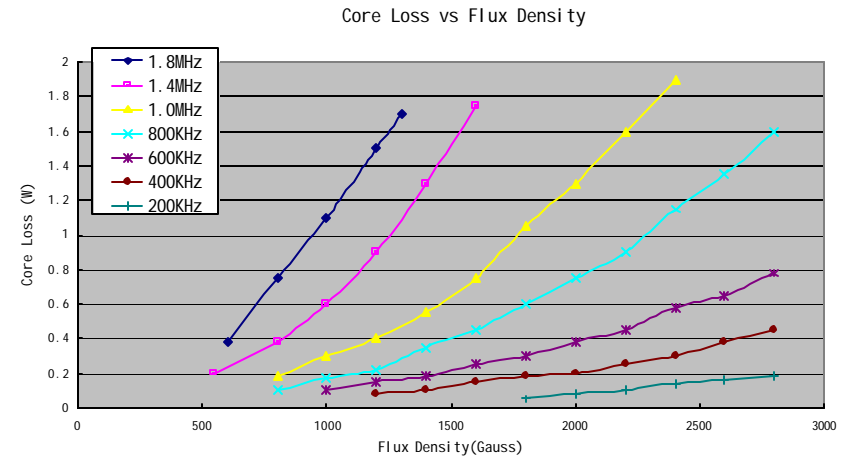
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XFMRS Inc www.XFMRS.com		Title: INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: XXX ±0.010 Dimensions in INCH	P/N: XF100705-R22M		REV A
	DWN.	Feng	Dec-09-10
	CHK.	YK Liao	Dec-09-10
SHT 1 OF 2	APP.	Joe Huff	Dec-09-10

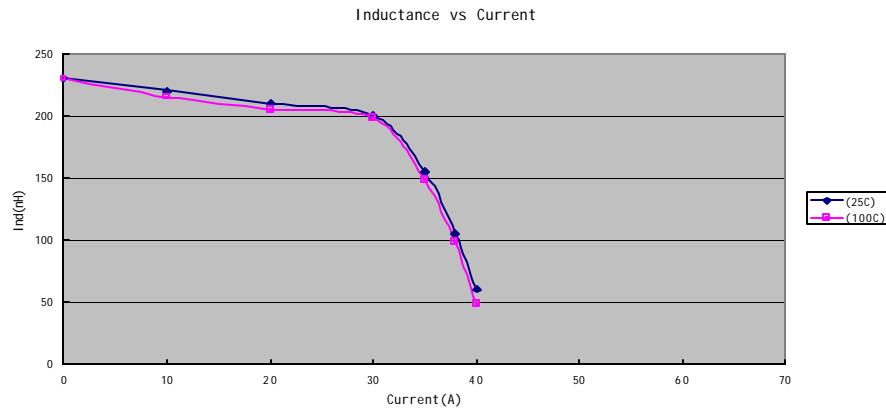
4. Temp Rise vs Power Dissipation



6. Core Loss vs Flux Density



5. Inductance vs Current



DOC. REV: A/4

XFMRs Inc www.XFMRs.com		Title: INDUCTOR	
UNLESS OTHERWISE SPECIFIED TOLERANCES: XXX ±0.100 Dimensions in INCH		P/N: XF100705-R22M	REV A
		DWN. Mei Chen	Dec-09-10
SHT 2 OF 2		CHK. YK Liao	Dec-09-10
		APP. Joe Huff	Dec-09-10

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