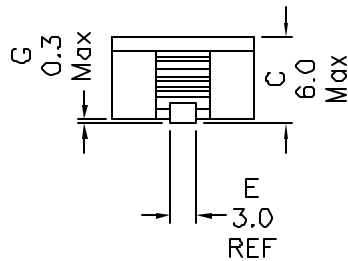
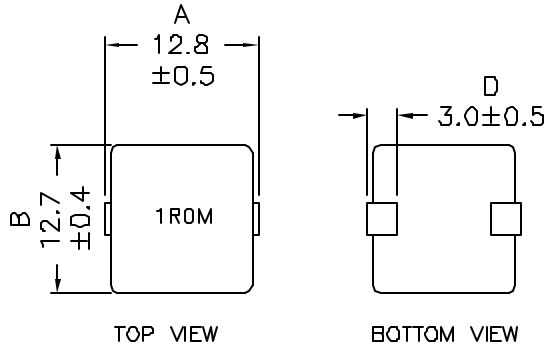


1. Mechanical Dimensions:

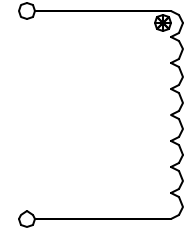


Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208G 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: $\pm 0.004^\circ$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/1

2. Schematic:



3. Electrical Specifications: @25°C

OCL: $1.0\mu\text{H} \pm 20\%$ @100KHz, 0.1V OADC
 Irms: 14.4A (Based on 40°C Temp Rise)
 Isat: 18.5A (Based on 50% drop in OCL)
 Q: TBD @100KHz 0.1V
 DCR: 3.3 mOhms Max

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XFMRs Inc www.XFMRs.com		Title: XFHCL4FC SERIES INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XFHCL4FC-1R0M	REV. A	
	DWN.	Juan Mao	Jul-17-08
	CHK.	YK Liao	Jul-17-08
SHEET 1 OF 1	APP.	BW	Jul-17-08