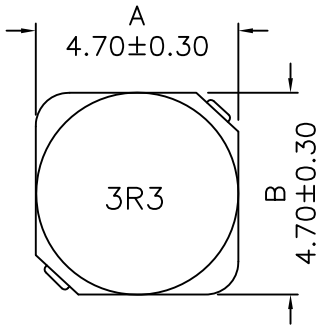
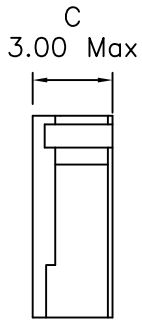
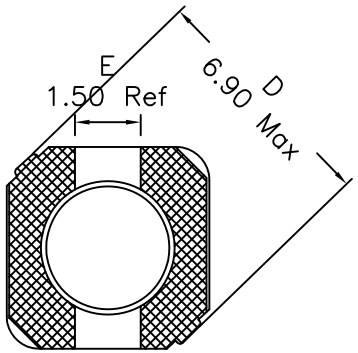
1. Mechanical Dimensions:

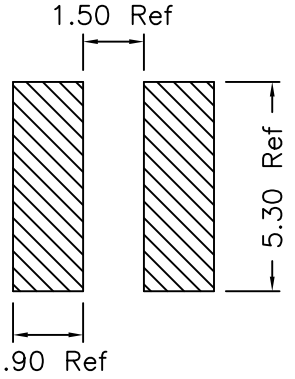


Top view



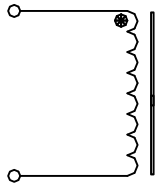


Bottom view



Suggested PCB Layout

2. Schematic:



3. Electrical Specification: @25°C

OCL: 3.3uH±20% @100KHz, 0.25V 0Adc

Q: 12 Min @100KHz, 0.1V

DCR: 35.0mOhms Max

Isat: 1.08A Max (Based on 35% drop in OCL)

Irms: 2.15A Max (Based on 30°C Temp rise)

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. All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted.
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. Recommended IR Reflow peak temp of 250°C Max.
12. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/8

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XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH4D28-3R3M		REV. A
	DWN.	Yuan	Sep-15-16
	CHK.	YK Liao	Sep-15-16
SHEET 1 OF 1	APP.	GL	Sep-15-16