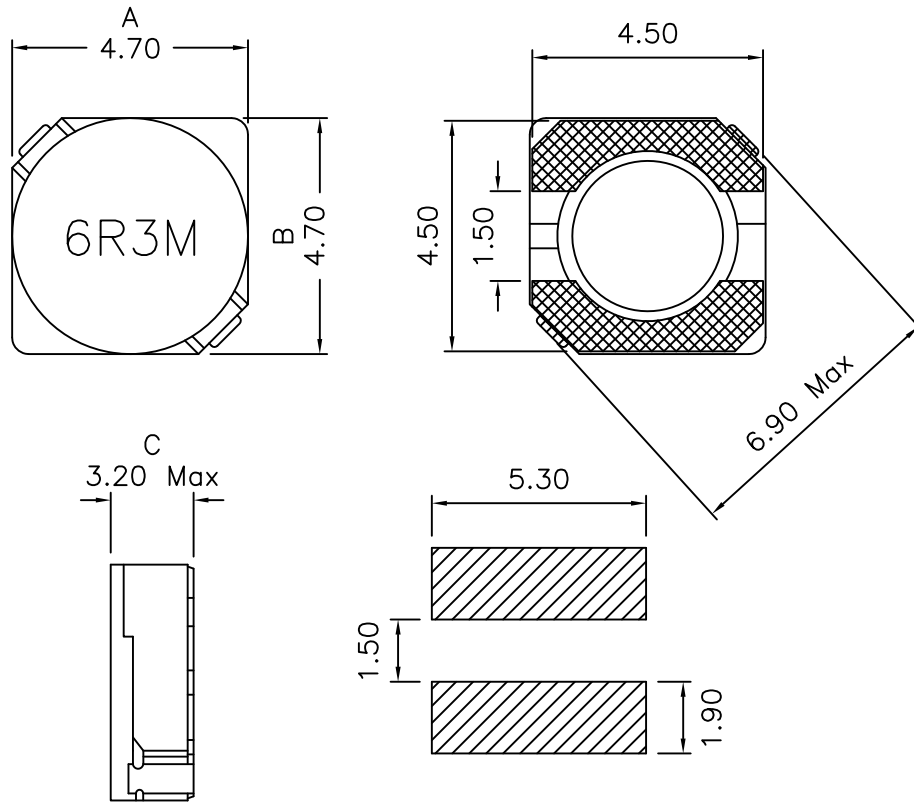


1. Mechanical Dimensions:



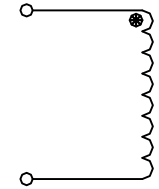
Suggested PCB Layout

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: $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max.

DOC. REV A/2

2. Schematic:



3. Electrical Specifications: @25C

OCL: $6.3\mu\text{H} \pm 20\%$ @100KHz, 0.1V

Q: tbd Min @100KHz, 0.1V

DCR: 0.1059 Ohms Typ

Isat: 1.14Adc (Based on 35% Drop in OCL)

XFMRs Inc www.XFMRS.com	Title: Shielded Inductor		
	UNLESS OTHERWISE SPECIFIED	P/N: XFTPRH4D28-6R3M	REV. A
TOLERANCES: .xx ± 0.25	DWN.	Yuan	Jul-25-13
Dimensions in MM	CHK.	YK Liao	Jul-25-13
SHEET 1 OF 1	APP.	DDC	Jul-25-13