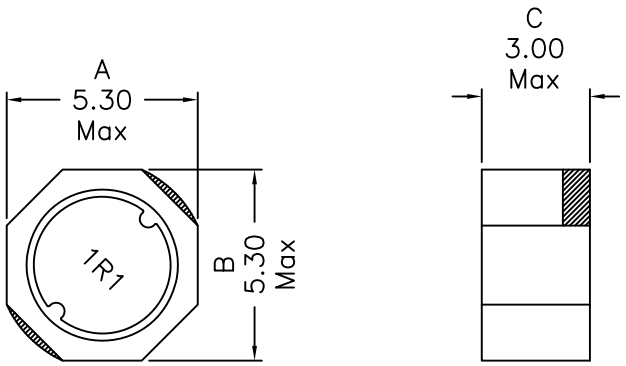
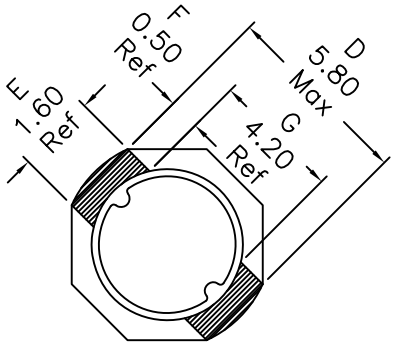
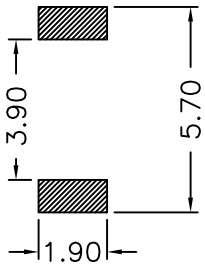
1. Mechanical Dimensions:



Top view



Bottom view

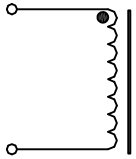


Suggested PCB Layout

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: ±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

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.1uH±20% @100KHz 0.25V

Q: 8.0 Min @100KHz 0.25V

DCR: 0.020 Ohms Max

Isat: 3.87Adc (Based on 30% Drop in OCL)

Irms: 3.46A (Based on 40°C Temp Rise)

SRF: 70MHz Min

DOC. REV: A/3

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XFMRS Inc www.XFMRS.com	Title: SMD INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH4D28C-1R1M		REV. A
	DWN.	Yuan	Jun-30-15
	CHK.	YK Liao	Jun-30-15
SHEET 1 OF 1	APP.	Joe Huff	Jun-30-15