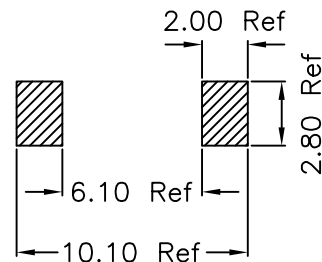
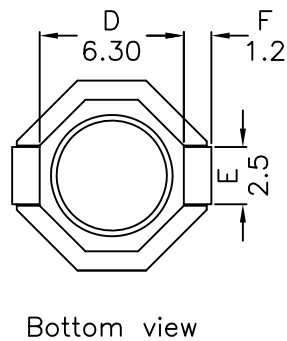
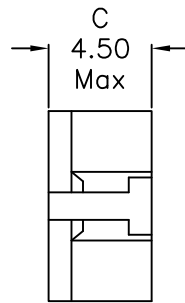
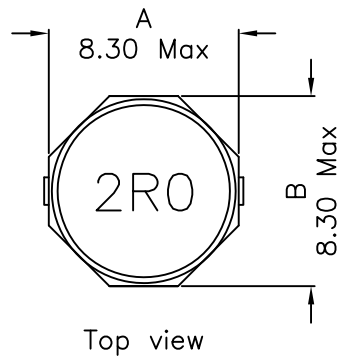


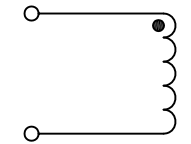
1. Mechanical Dimensions:



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 +105°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (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: 2.0uH \pm 30% @100KHz, 0.25V

Q: tbd Min @100KHz, 0.25V

DCR: 0.014 Ohms Max

I_{rms}: 5.50A (Based on 40°C Temp Rise)

I_{sat}: 7.0A_{dc} (Based on 35% drop in OCL)

DOC. REV: A/-

XFMRs Inc www.XFMRs.com	Title: INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx \pm 0.25 Dimensions in MM	P/N: XFTPRH8D43-2R0N	REV. A
SHEET 1 OF 1	DWN.	Yuan	Jan-09-14
	CHK.	YK Liao	Jan-09-14
	APP.	BW	Jan-09-14

PROPRIETARY

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