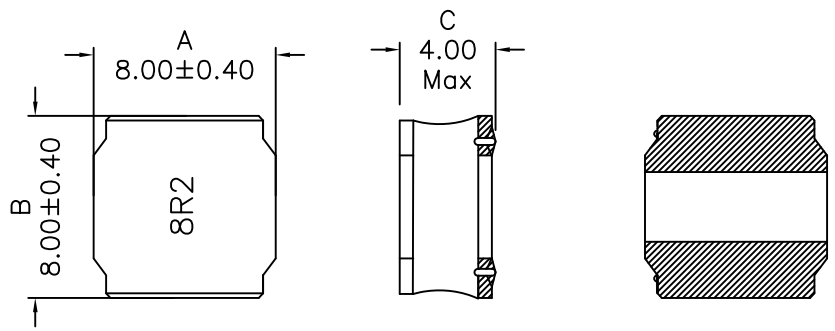
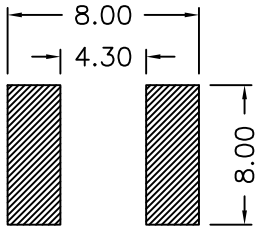
1. Mechanical Dimensions:

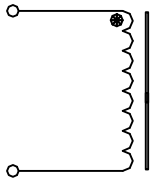


Top view



Recommended Land Patterns

2. Schematic:



3. Electrical Specification: @25C

OCL: 8.2uH±30% @100KHz 0.25V
Q: tbd Min @100KHz 0.25V
Irms: 3.80A Typ (Based on 40°C Temp Rise)
Isat: 3.60A (Based on 30% Typ Drop in OCL)
DCR: 0.037 Ohms Max
SRF: tbd Min

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 +125°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. Outsourced item processed & controlled under XFMRS QA system

XFMRS Inc. www.XFMRS.com	Title: SMD INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF8040-8R2N		REV. A
	DWN.	Xiang	Jun-02-16
	CHK.	YK Liao	Jun-02-16
SHEET 1 OF 1	APP.	Joe Huff	Jun-02-16

DOC REV: A/1

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