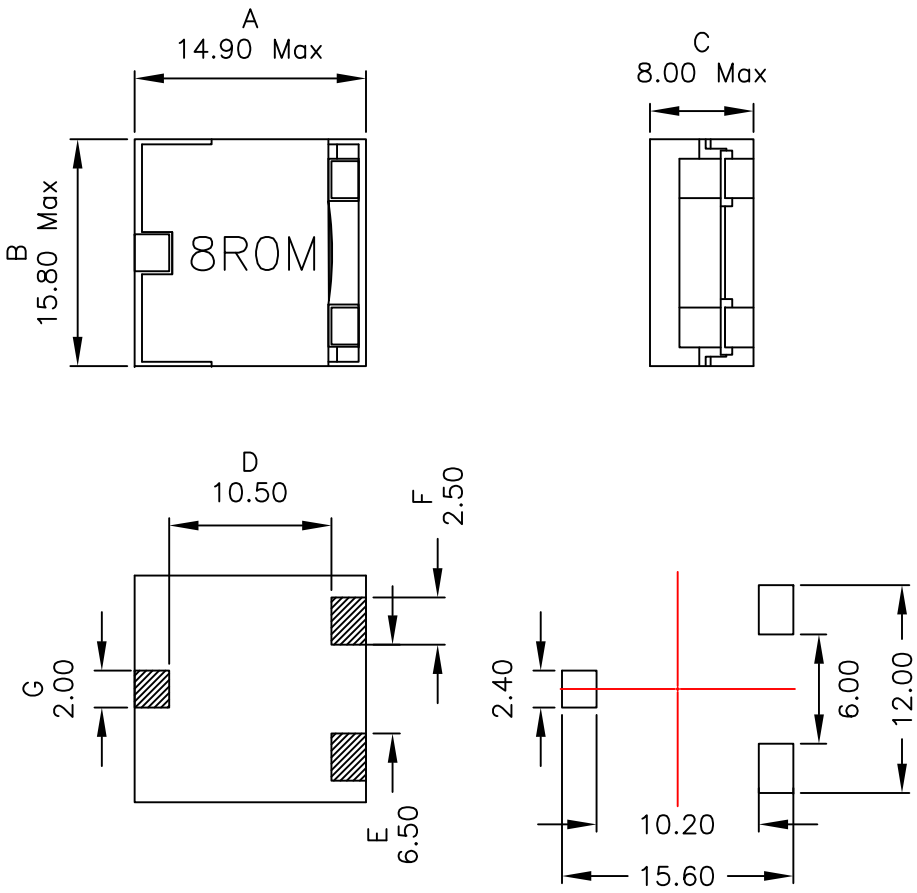
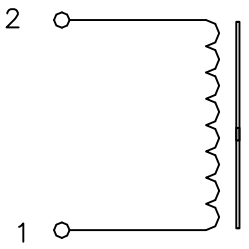
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 2−1 8.0uH±20% @100KHz 1V

Q: Pins 2−1 tbd Min @100KHz 1V

Irms: 11.0A (Based on 40°C Temp Rise)

Isat: 10.0Adc Max (Based on 25% drop in OCL) @20°C

Isat: 8.2Adc Max (Based on 25% drop in OCL) @100°C

DCR: Pins 2−1 7.80 mOhms Max

SRF: Pins 2−1 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: −40°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

PRELIMINARY

DOC REV: A/−

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XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in mm	P/N: XF151508−8R0M100		REV. A
	DWN.	Mei Chen	Apr−28−17
	CHK.	YK Liao	Apr−28−17
SHEET 1 OF 1	APP.	DDC	Apr−28−17