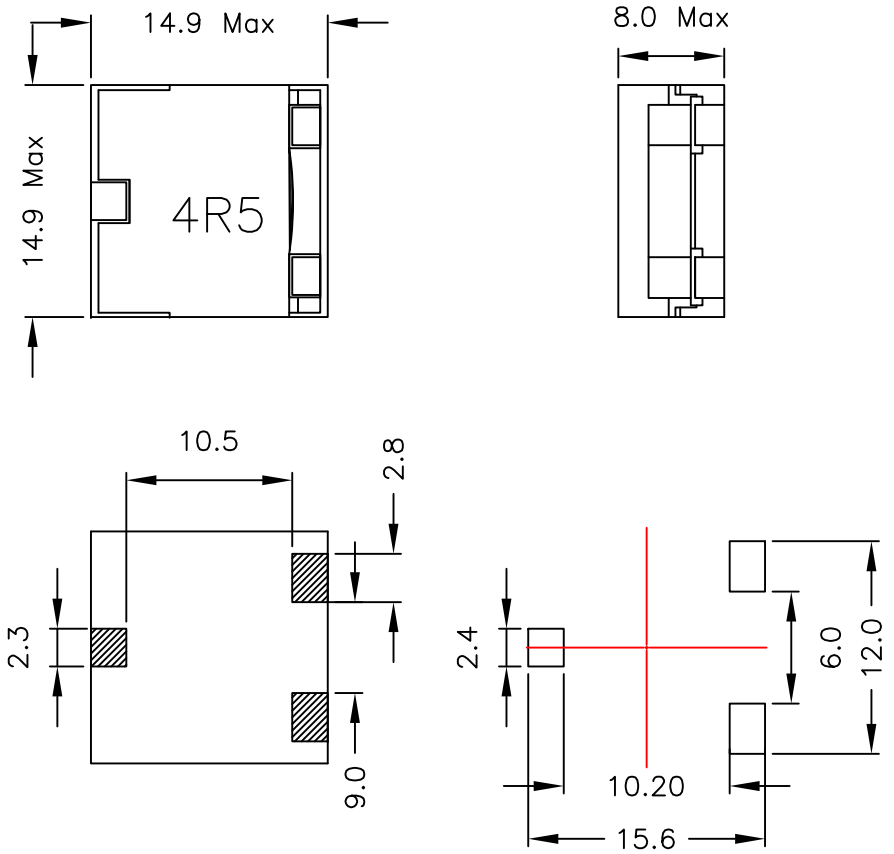
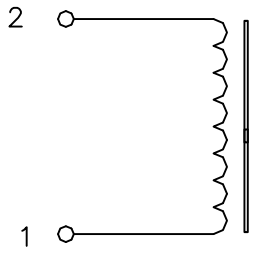
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 2−1 4.50uH±20% @100KHz 0.1V

Q: Pins 2−1 tbd Min @100KHz 0.1V

Irms: 16.0A Max (Based on 40°C Temp Rise)

Isat: 17.0Adc Max (Based on 25% drop in OCL) @20°C

Isat: 14.5.0Adc Max (Based on 25% drop in OCL) @100°C

DC Res.: Pins 2−1 4.97 mOhms Max

SRF: tbd MHz 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. 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

XFMRS Inc www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in mm	P/N: XF151508−4R5M170		REV. A
	DWN.	Juan Mao	Aug−25−16
	CHK.	YK Liao	Aug−25−16
SHEET 1 OF 1	APP.	BSJ	Aug−25−16

DOC REV: A/−

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