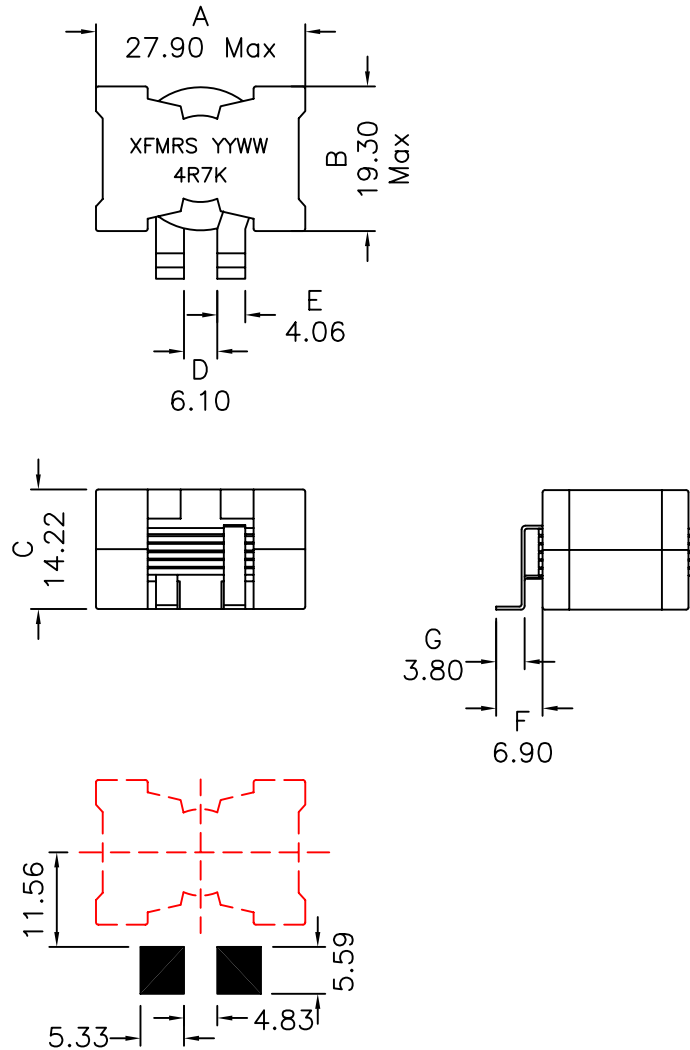
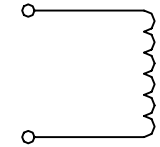


## 1. Mechanical Dimensions:



Recommended Land Patten

## 2. Schematic:



## 3. Electrical Specifications:

OCL:  $4.7\mu\text{H} \pm 10\%$  @500KHz 0.1V

DCR: 1.62mOhms Max

Isat: 33Adc (Based on 10% Typ Drop in OCL)

36.9Adc (Based on 20% Typ Drop in OCL)

39.0Adc (Based on 30% Typ Drop in OCL)

Irms: 30A (Based on 40°C Temp Rise)

SRF: 30MHz Typ

### 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:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

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	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ Dimensions in MM	P/N: XFHCL2814L-4R7K	REV. A
SHEET 1 OF 1	DWN.	Xianyi	Jun-25-09
	CHK.	YK Liao	Jun-25-09
	APP.	BW	Jun-25-09

DOC REV: A/1

**PROPRIETARY**

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