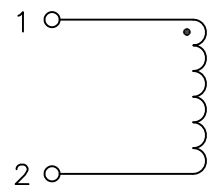
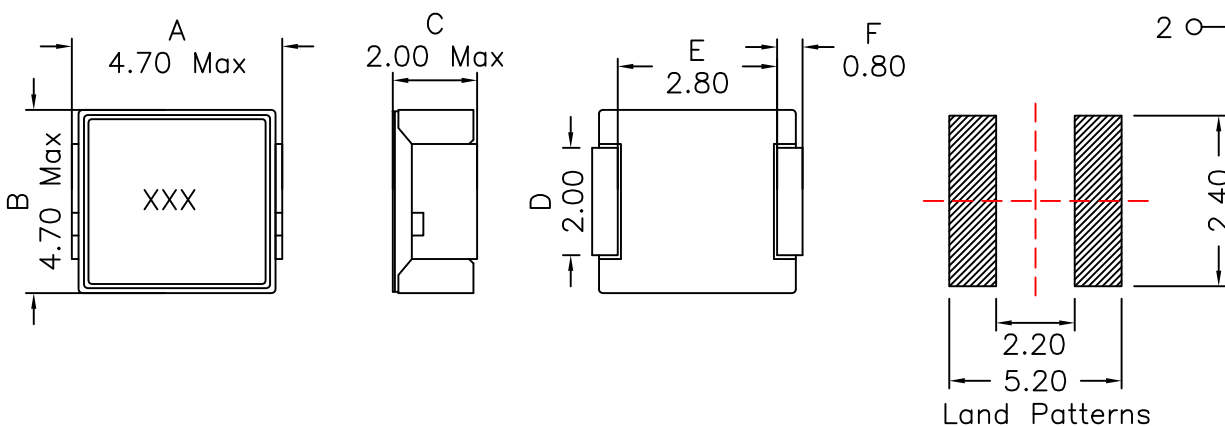


## XFHCL19M SERIES HIGH CURRENT INDUCTOR

- \* TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING
- \* OPERATING TEMP.: -55°C TO +125°C
- \* RoHS COMPLIANT

Schematic:



TOLERANCES:  
.xx 0.25  
Dimensions in MM

Part Number	L (uH)	RDC (mOhms)Typ	RDC (mOhms)Max	Isat (A)	Irms (A)
XFHCL19M-R10M	0.10±20%	4.1	4.5	12	12
XFHCL19M-R22M	0.22±20%	6.5	7.0	9.0	9.0
XFHCL19M-R47M	0.47±20%	14.5	16	7.0	7.0
XFHCL19M-1R0M	1.0±20%	24	27	4.5	5.0
XFHCL19M-2R2M	2.2±20%	61	68	3.25	3.25
XFHCL19M-3R3M	3.3±20%	89.3	94.3	2.7	2.2
XFHCL19M-4R7M	4.7±20%	95	105	1.7	1.75

Note1. Measurement frequency of Inductance value at 100KHz 0.1V

Note2. Measurement ambient temperature of L,DCR and IDC: at 25°C

Note3. Isat: DC current at which the inductance drops 20%(typ) from its value without current

Note4. Iirms: Average current for 40°C temperature rise from 25°C ambient(typ)

Note5. Inductance tolerance: M:±20%

Note6. Packaging: Taping; Quantity: 800 Piece/reel

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 -55°C to +125°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