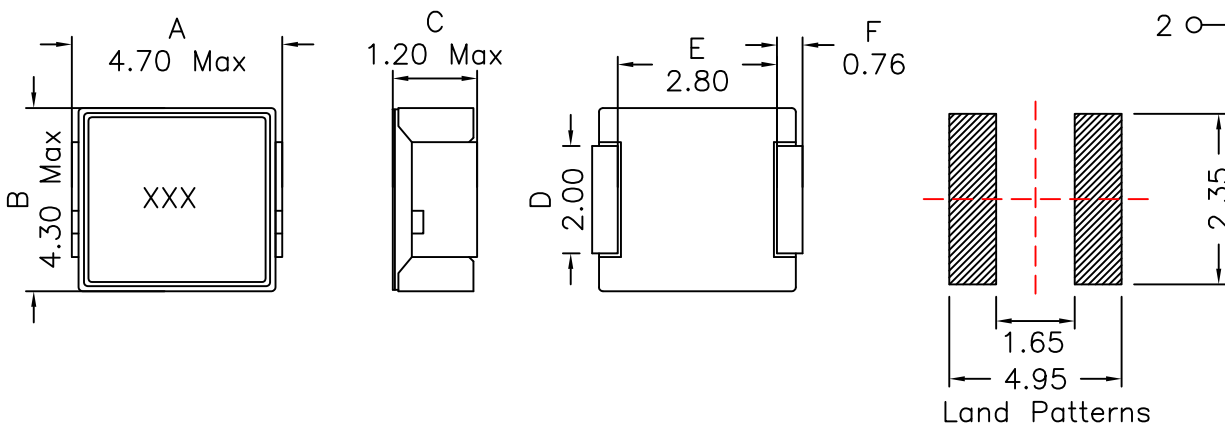
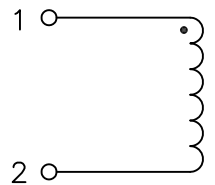


## XFHCL19 SERIES HIGH CURRENT INDUCTOR

- \* 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)
XFHCL19-47N	0.047±20%	3.0	3.3	32	15
XFHCL19-R10M	0.10±20%	5.0	5.5	25	12
XFHCL19-R22M	0.22±20%	9.5	10.5	20	9.5
XFHCL19-R47M	0.47±20%	19	21	13	6.0
XFHCL19-1R0M	1.0±20%	43	47	7.0	4.5
XFHCL19-1R2M	1.2±20%	50	55	3.75	3.75
XFHCL19-1R5M	1.5±20%	68	75	3.25	3.25
XFHCL19-2R2M	2.2±20%	90	100	3.00	2.75

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. Irms: 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