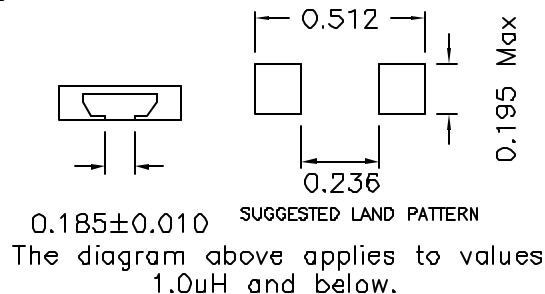
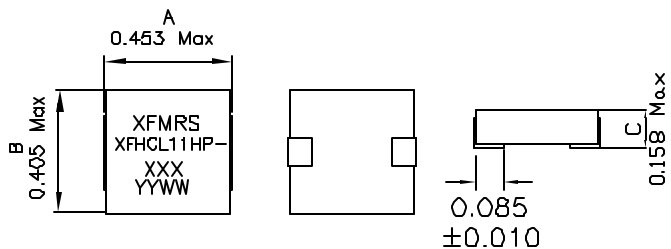


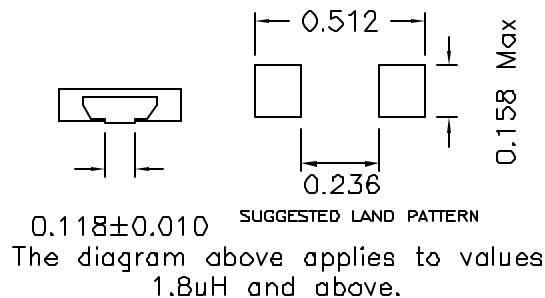
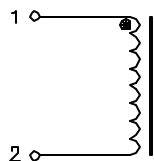
XFHCL11HP-XXX SERIES INDUCTORS

- * Inductance: 100KHz,100mV
- * Tolerance of Inductance:±20%
- * For DC/DC Converters, DC/AC Inverters, VRM Applications
- * Saturation Rated Current: 20% Lower than its initial value
- * Operating Temp.: -40°C TO +125°C
- * Flamability Rating: UL94V-0

Mechanical Dimensions:



Schematic:



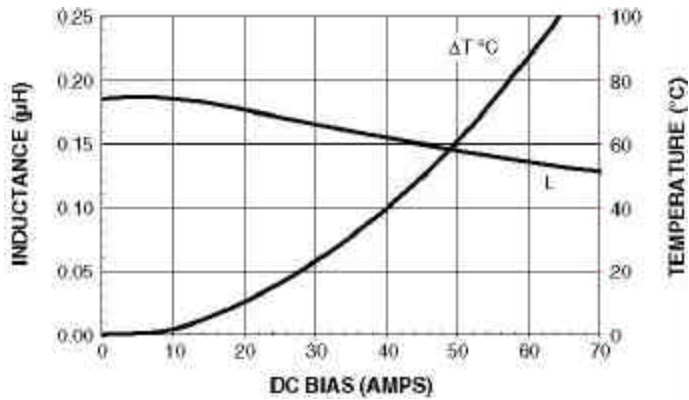
| Part Number | Inductance (uH) | DCR mOhms (Typical) | DCR mOhms (Max) | Temperature Rise Current (Typical) | Saturation Rated Current (Typical) |
|----------------|-----------------|---------------------|-----------------|------------------------------------|------------------------------------|
| XFHCL11HP-R19M | 0.19 | 0.70 | 0.80 | 40.0 | 46 |
| XFHCL11HP-R24M | 0.24 | 0.85 | 0.95 | 33 | 44 |
| XFHCL11HP-R36M | 0.36 | 1.05 | 1.15 | 32 | 30 |
| XFHCL11HP-R47M | 0.47 | 1.53 | 1.68 | 30 | 30 |
| XFHCL11HP-R56M | 0.56 | 1.60 | 1.80 | 32 | 22 |
| XFHCL11HP-R78M | 0.78 | 1.80 | 1.90 | 27 | 22 |
| XFHCL11HP-1R0M | 1.0 | 2.30 | 2.50 | 25 | 20 |
| XFHCL11HP-1R8M | 1.8 | 4.50 | 5.00 | 17 | 16 |
| XFHCL11HP-2R0M | 2.0 | 5.20 | 5.80 | 16 | 14 |
| XFHCL11HP-4R7M | 4.7 | 12.90 | 14.20 | 9.5 | 7.6 |
| XFHCL11HP-6R8M | 6.8 | 17.50 | 19.30 | 9.0 | 7.5 |
| XFHCL11HP-100M | 10.0 | 27.80 | 30.50 | 7.5 | 7.1 |
| XFHCL11HP-150M | 15 | 40.90 | 45.00 | 6.25 | 6.0 |
| XFHCL11HP-220M | 22 | 60.40 | 66.00 | 5.0 | 4.5 |
| XFHCL11HP-470M | 47 | 132.0 | 145.0 | 3.3 | 3.0 |
| XFHCL11HP-101M | 100 | 249.0 | 270.0 | 2.5 | 2.25 |

Notes:

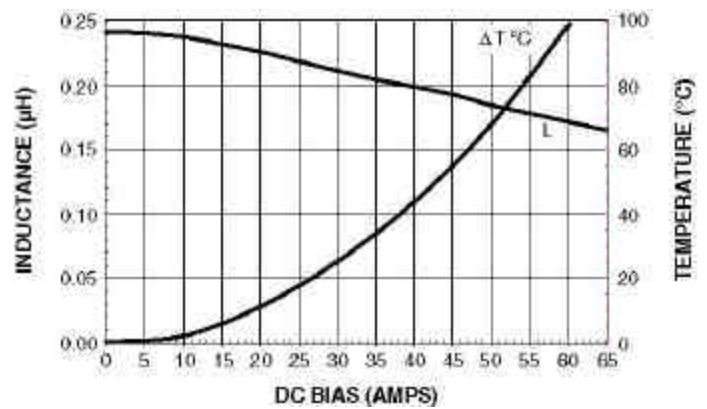
1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +125°C
3. DC current(A) that will cause an approximate T of 40°C
4. DC current(A) that will cause L_o to drop approximately 20%

XFHCL11HP-XXX SERIES INDUCTOR

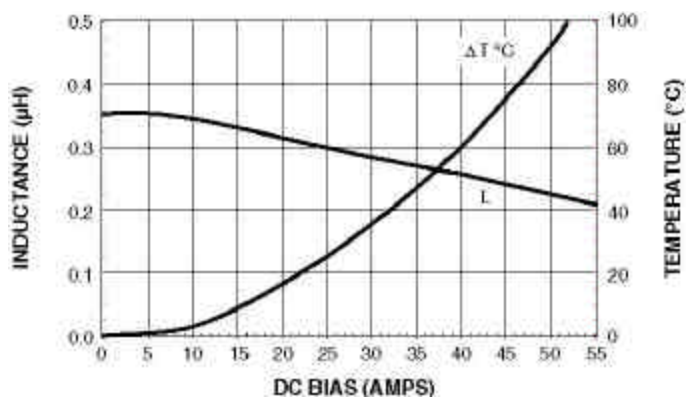
XFHCL11HP-R19M



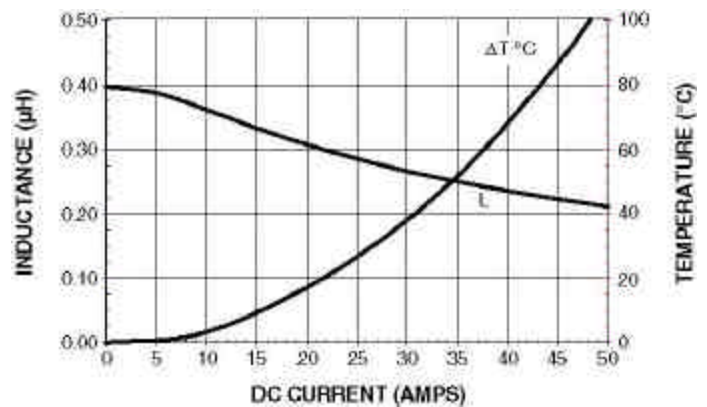
XFHCL11HP-R24M



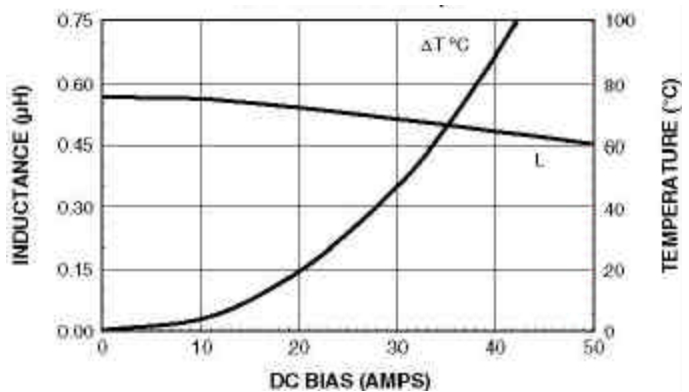
XFHCL11HP-R36M



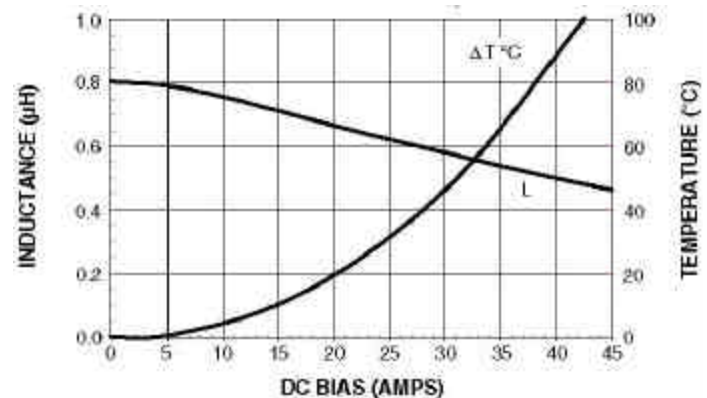
XFHCL11HP-R47M



XFHCL11HP-R56M

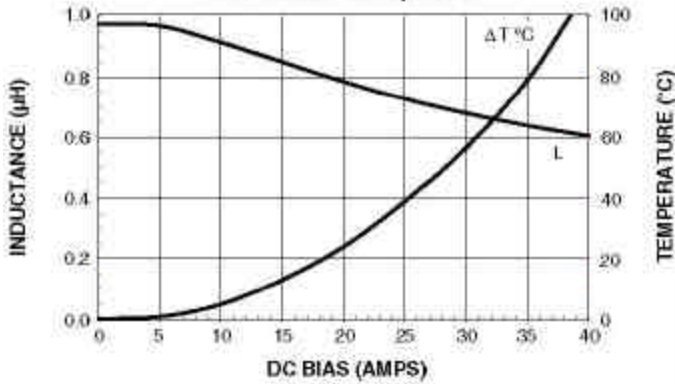


XFHCL11HP-R78M

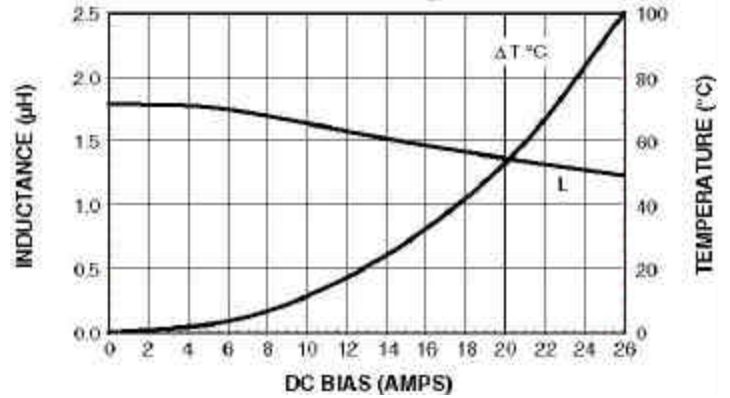


XFHCL11HP-XXX SERIES INDUCTOR

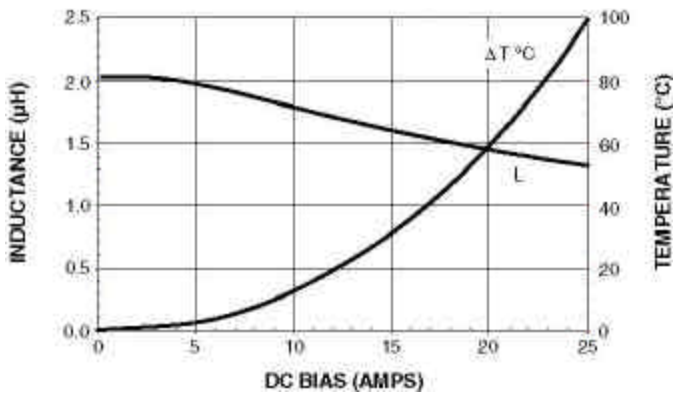
XFHCL11HP-1R0M



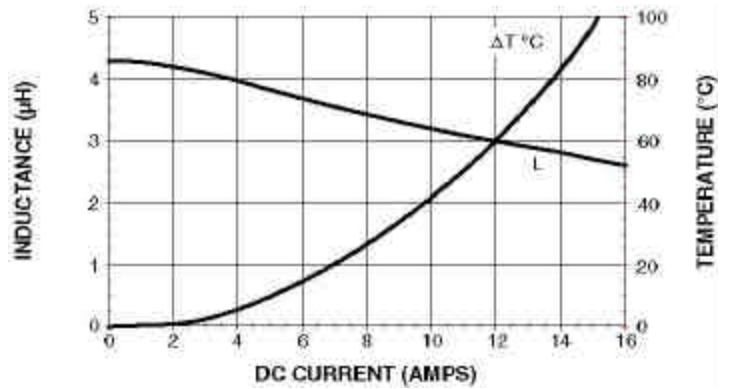
XFHCL11HP-1R8M



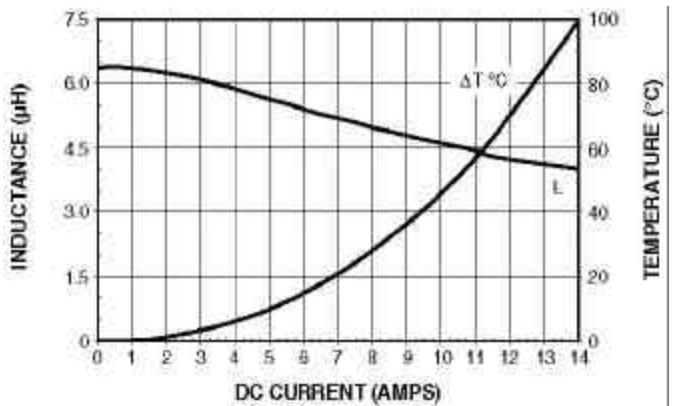
XFHCL11HP-2R0M



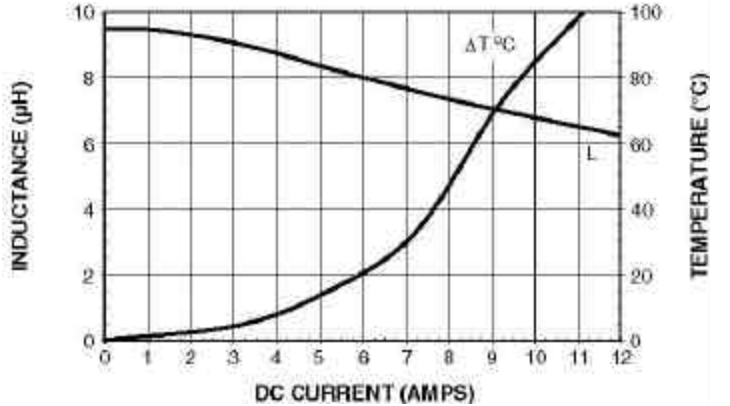
XFHCL11HP-4R7M



XFHCL11HP-6R8M

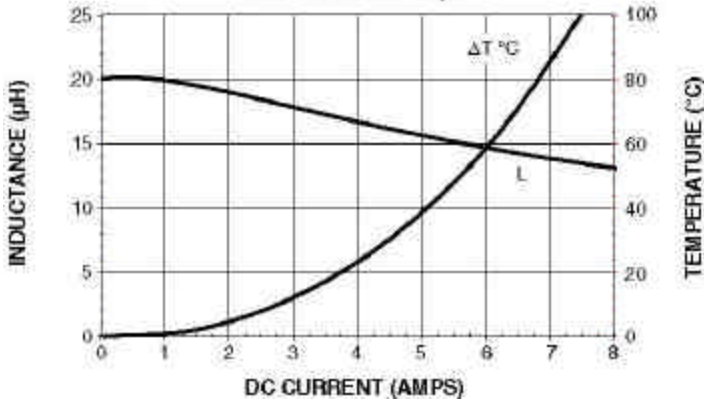


XFHCL11HP-100M

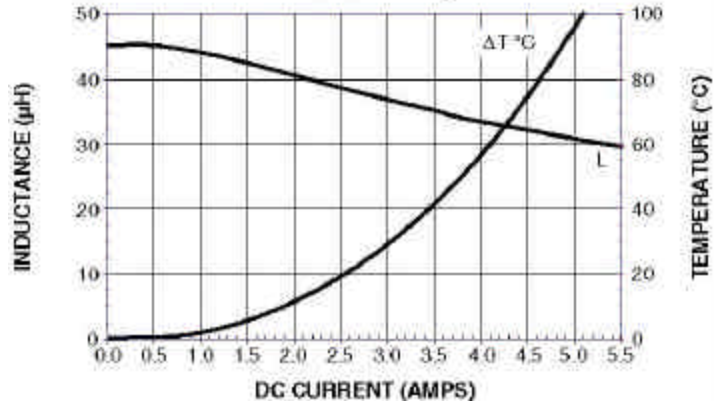


XFHCL11HP-XXX SERIES INDUCTOR

XFHCL11HP-220M



XFHCL11HP-470M



XFHCL11HP-101M

